



catalogue
2006

air conditioning

FUJITSU
the silence

Synonym of Silence

Nowadays, silence is as appreciated as it is rare. Our ever more accelerated lifestyles do not provide us with as many moments of calm as we would like. At Fujitsu we guarantee a place of absolute tranquillity, in addition to the air conditioning desired under the very best conditions. Wherever. Welcome to the silence. Welcome to Fujitsu.

FUJITSU





Index

Inverter technology	6
New features	8
Domestic range	
Plasma Clean	12
Wall Ceiling Inverter	16
Wall Mounted Inverter	20
Wall Mounted Heat pump class A	26
Wall Mounted Heat pump	28
Wall Mounted Cooling	32
Multi Split Inverter	36
Multi Split inverter F series	38
Multi Split inverter System 2x1	40
Multi Split Inverter System 3x1 y 4x1	42
Multi Split Heat pump	44
Multi Split Cooling	46
Multi Split Combination Tables	48
Portable and dehumidifiers	54
Commercial range	
Duct Type inverter	58
Duct Type cooling-heat pump	66
Cassette Inverter	78
Cassette cooling-heat pump	84
Wall Ceiling	90
Floor/Ceiling Inverter	96
Floor/ceiling cooling-heat pump	100
Large Ceiling Inverter	102
Large ceiling cooling-heat pump	104
Windows	106
Remote controls	110
Semi-industrial range	
Big Multi	120
Remote controls	126
µ VRF	128
VRF Range	
VRF S - Series	142
Indoor units	146
Control systems	162
Accessories	168
Industrial range	
Heat recovery	172
Aircooled liquid chillers and heat pump (axial)	174
Watercooled liquid chillers and heat pump (radial)	188
Air-water cooling machinery	192
Fan Coils	196
Modular ductable	202
Accessories	204
Purifying filters	206
Index by cooling capacity	208

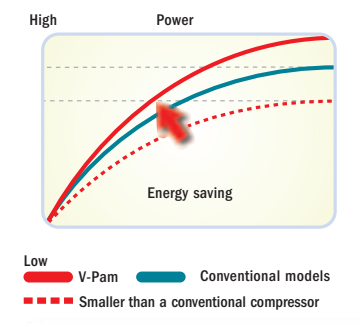
Inverter technology. 100% well-being, 0% noise.

The Fujitsu inverter products only consume the energy they need to reach the selected temperature and keep it constant. The result? The elimination of noise, lower costs, greater comfort and extension of the useful life of the compressor.

INVERTER

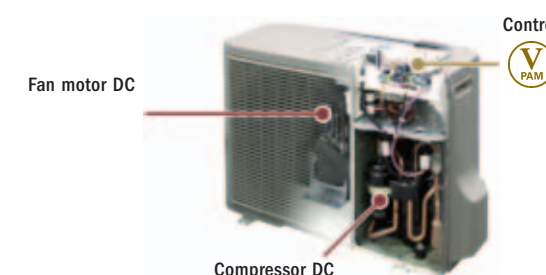
Unlike conventional systems, the Fujitsu inverter technology adapts the speed of the compressor to the needs of each moment, consuming only the energy required. This allows temperature swings to be reduced drastically and maintains a margin of between $\pm 0,5^{\circ}\text{C}$, providing greater room temperature stability and comfort.

Thanks to an electronic power device that is sensitive to temperature changes , our inverter appliances vary the motor revolutions of the compressor to provide the power required. And when the required temperature is about to be reached, our appliances reduce the power to prevent compressor surges. This reduces noise and allows consumption to be proportional.

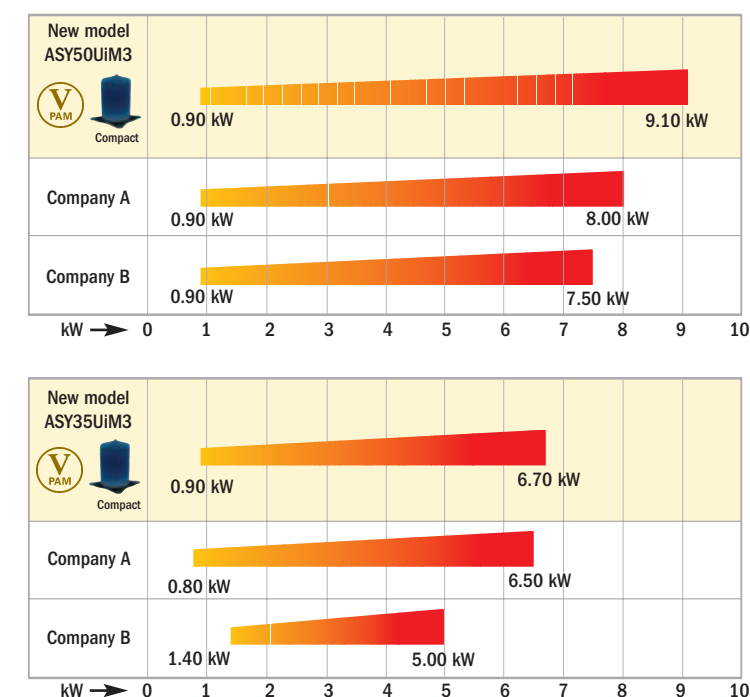


Always on the cutting edge of innovation, at Fujitsu we have developed the DC inverter system with a circuit . The key lies in our reduced DC compressor which, in addition to providing greater performance, allows the appliance to heat up efficiently even when the outside temperature is very low.

The DC inverter system  allows the compressor to work at 30% above its power, allowing the desired temperature to be reached quicker. It can also operate at up to 15% below its power. Once again, this leads to a significant reduction in both noise and consumption.



Advanced performance (comparison with the heating capacity of the different ranges)
Japanese manufacturer: Company A, Company B



Great energy saving

The Fujitsu inverter system allows savings of up to 50% compared to traditional systems.

More benefits

As well as reaching the chosen temperature more quickly, the Fujitsu inverter system lengthens the life of the apparatus because it avoids continuous switching on and off. It likewise improves the efficiency of the thermal pump, allowing it to work correctly even at temperatures below zero (up to -15°C).

Wall Ceiling Inverter

- With “Power Diffuser” effect for greater comfort.
- Automatic cleaning function.
- Cleaner and healthier air. Two ultraviolet waves in its pasteurised lamp and its ion generator ensure the air is disinfected.



See page 16

Plasma Clean

- Exclusive plasma filter against dirt and bad smells.
- Generation of negative ions and ozone that disinfect the environment.
- The internal drying operation and UV sterilisation effectively neutralise the impurities in the room.



See page 12

New items from Fujitsu.

At the cutting edge of innovation

Duct inverter

- Static pressure adjustment selector.
- Remote control with thermo sensor.
- Outside electrical heater (optional).
- Pump Down function for the return of the refrigerant.



See page 60

Compact Line Chillers

- Very small units that are easy to install.
- 8 models with a wide range of power (from 4 to 18 kW).
- The mini-chillers adapt perfectly to any residential application.
- They efficiently eliminate losses in the evaporator.



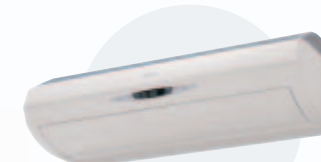
See page 174

No place like home

Nothing is more important for Fujitsu than people. Faithful to this premise, all of our air-conditioning units are designed to offer complete comfort and tranquillity, providing comfortable settings inside the home.

FUJITSU

Plasma Clean



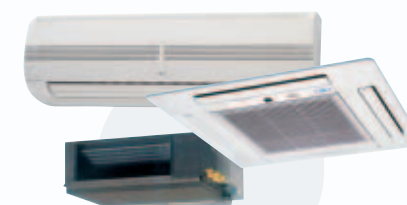
Wall Ceiling Inverter



Wall Mounted Inverter



Multi Split Inverter 2 x 1



Multi Split Inverter 3 x 1

Plasma Clean

Clean and healthy air in the home

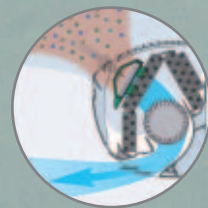
Our health depends on clean air. Because of this Fujitsu has come up with Plasma Clean, an air-conditioning appliance fitted with a plasma unit that removes dust and deodorises the air in the room.



Plasma Clean guarantees a fresh air at any moment and creates healthier surroundings in the house.

INVERTER

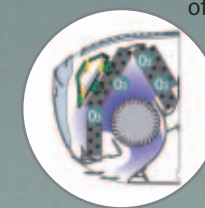
1 The plasma air filter acts directly on dirt and bad smells.



2 The plasma unit generates negative ions and ozone that neutralise bad smells and destroy dust.

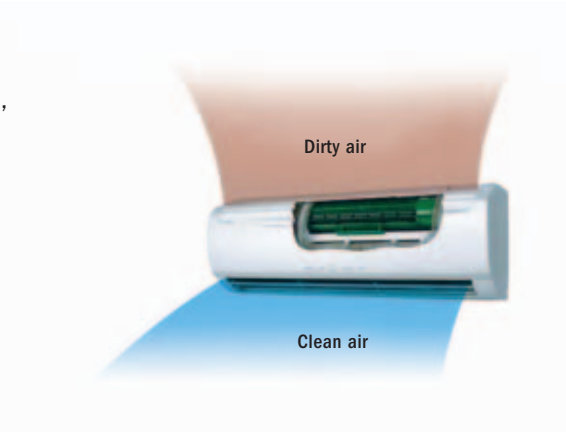


3 The Coil dry and the UV sterilisation operation prevent the growth of bacteria and the appearance of bad smells.



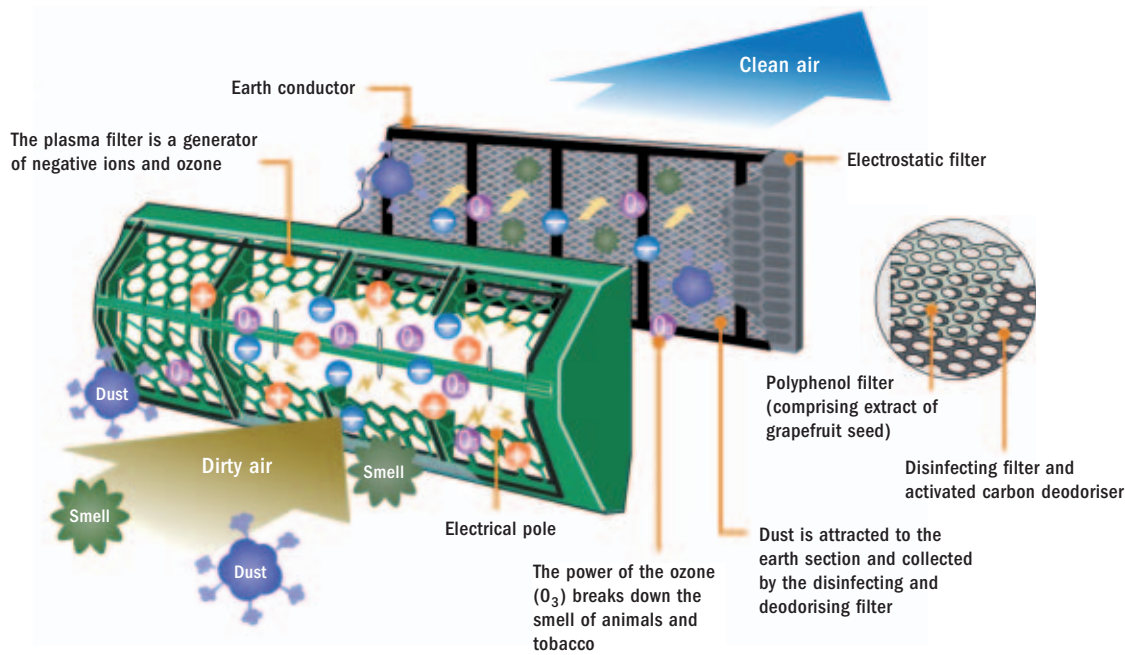
1 The plasma air filter efficiently removes particles of dirt and neutralises bad smells

- It removes dirt as well as particles of dust, pet hairs, tobacco smoke, mites, mould or pollen spores.
- It absorbs smells like tobacco, animals, rubbish or body odour. It also kills bacteria, viruses and germs.



2 How does the plasma unit work?

The plasma unit cleans and purifies the air in the room thanks to the efficient action of the filters that it incorporates. The electrostatic filter collects the dust particles and is made up of an activated carbon filter that acts as a disinfectant and a purifying filter of polyphenol. The plasma filter generates negative ions and ozone that help improve the environment of a room: They neutralise bad smells and leave it fresh.



3 The Coil dry and UV sterilisation operations prevent the appearance of fungus and bad smells

This model incorporates a Coil dry function. When the unit is turned off, the Coil dry function commences for about 30 minutes simply by pressing the Coil dry button. This allows the air-conditioning unit to remain clean and healthy.

Humidity inside the unit
Fungus and bacteria can grow in conditions of humidity.



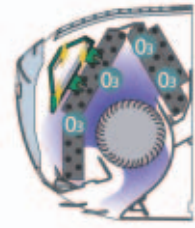
A drying operation that lasts 15 minutes is carried out to remove the humidity.

Suppression of humidity
Coil dry operation.



The sterilisation with ozone generated by the UV sterilising lamp function is activated for a further 15 minutes. This operation prevents the appearance of mould and deodorises the interior of the unit.

Sterilisation
Sterilisation operation with ozone.



Technical specifications

MODEL			ASY25UiPC	ASY35UiPC
Cooling capacity	Kcal/h		2236 (430-3185)	3010 (775-3698)
	W		2600 (500-3700)	3500 (900-4300)
Heating capacity	Kcal/h		3096 (430-5246)	4128 (775-5762)
	W		3600 (500-6100)	4800 (900-6700)
Energy efficiency ratio (E.E.R.)	Cooling		4,26	3,85
	Heating		4,44	3,93
Power supply	V/n°/Hz		230/1/50	230/1/50
Power consumption	Cooling	W	600	900
	Heating	W	800	1200
Starting current	A		3,9	5,5
Running current	Cooling	A	2,9	4,3
	Heating	A	3,9	5,5
Electrical wiring			(I.U.) 2x2,5+T	(I.U.) 2x2,5+T
Electrical connection			2X2,5+2X1,5+T	2X2,5+2X1,5+T
Noise level indoor unit	High	dB (A)	40	41
	Medium	dB (A)	35	35
	Low	dB (A)	29	29
	SuperQuiet	dB (A)	21	21
Noise level outdoor unit		dB (A)	48	49
Dimensions indoor unit	Width	mm	790	790
	Depth	mm	230	230
	Height	mm	283	283
	Weight	kg	9	9
Dimensions outdoor unit	Width	mm	790	790
	Depth	mm	540	540
	Height	mm	290	290
	Weight	kg	34	36
Pipe size	Inch.		1/4"-3/8"	1/4"-3/8"
Piping lenght max. (Total/Height)	m		20/15	20/15
Refrigerant			R410A	R410A
Refrigerant charge	m		15	15
Operating range	Cooling	°C	10~43	10~43
	Heating	°C	-15~24	-15~24

Models

	ASY25UiPC	ASY35UiPC
Code	3NFG8610	3NFG8620
Logistic reference indoor unit	ASYB09LDC	ASYB12LDC
Logistic reference outdoor unit	AOYS09LDC	AOYS12LDC
Price ref.	713 (Ask for availability)	828 (Ask for availability)



INVERTER

Wall ceiling inverter

The future of air conditioning today

The Fujitsu wall ceiling model takes another step towards the future of air-conditioning. Its advanced technology allows for innovative advantages: Slats that regulate the direction of the airflow, energy-saving, automatic cleaning of the filters and disinfection of the air.



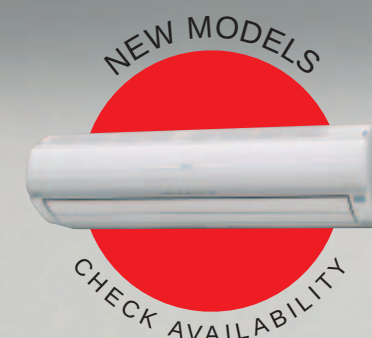
The problems of conventional air-conditioning are now behind us... forwards.
THE FEATURES OF WALL CEILING:

1 Vertical air outlet for hot air and horizontal air outlet for the air conditioning, thanks to two large slats and the mobile power diffuser. The result: greater performance both with cooling and heating and energy-saving thanks to its flow.

2 Automatic cleaning function, removing the annoying task of cleaning the filters.



3 Cleaner and healthier air. Two ultraviolet waves ensure that the air is disinfected. UV, pasteurisation, deodorisation and cleaning off the inside of the apparatus.

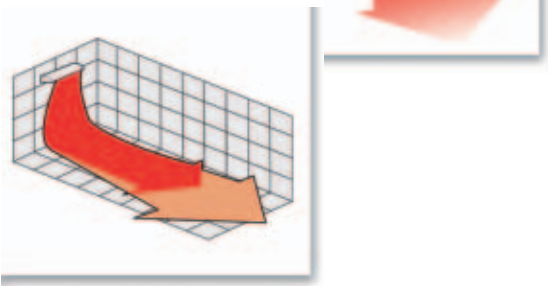
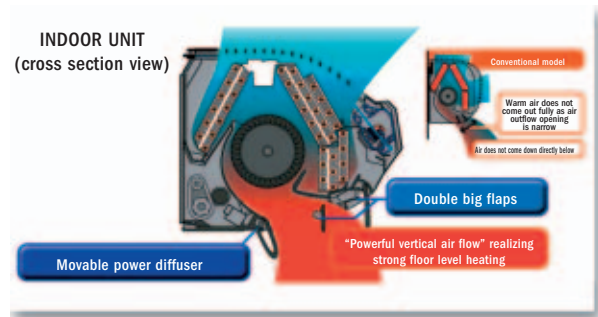


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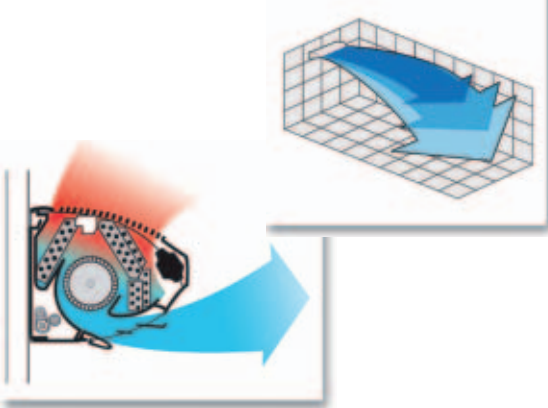
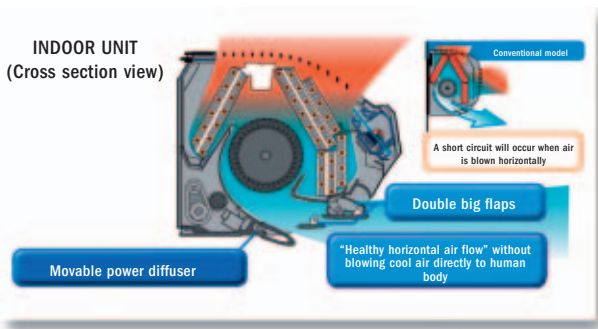
The most advanced features

1 “Power diffuser” effect

Cold air tends to descend and hot air tends to rise. Because of this, air-conditioning in the future must be capable of using these characteristics. Thanks to the action of the slats and the mobile power diffuser, wall ceiling directs a powerful flow of vertical hot air that reaches floor level quickly. This avoids direct air in the face and provides greater heating comfort.

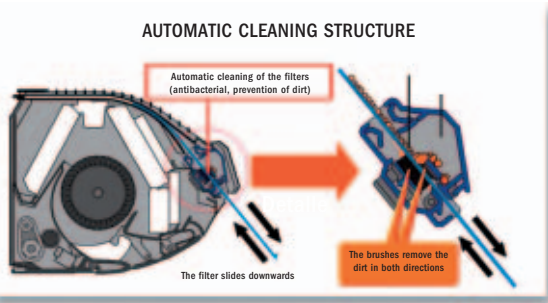


Pleasant and healthy air-conditioning requires the air to be directed upwards. The new large slats, combined with the action of the mobile power diffuser, generate a horizontal flow of outgoing air that prevents direct contact with the human body.



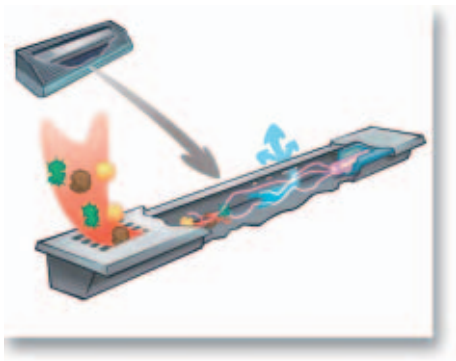
2 Effortless cleaning

Wall ceiling is the first appliance in the world with “automatic filter cleaning”. When the appliance is not on, the filter slides downwards, the brushes remove the dirt in both directions, thus preventing dirtiness and avoiding the presence of bacteria. Otherwise, dirty filters would cause bad smells, the expulsion of dust and dirt, reduced performance and higher bills. The perfect hot and cold performance provides an annual saving of between 10% and 15%.



3 Clean air, healthy air

Wall ceiling also incorporates two ultraviolet waves that ensure powerful disinfection of the air. Through the cleaning generated by these ultraviolet waves, the mould and other bacteria are disinfected inside the “sterilisation lamp”. This means only clean air is emitted. When the unit is turned off, the “Coil dry” function starts up inside the apparatus and this is when the low density of ozone, generated by the ultraviolet lamp, deodorises and pasteurises the inside of the air-conditioning unit. These models also include an ion generator that distributes around 40,000/cc of negative ions, providing purer and healthier air.



Technical specifications

MODEL			AWY40Ui	AWY50Ui	AWY40UiA	AWY50UiA
Cooling capacity	Kcal/h		3440 (774-4558)	4128 (774-5074)	3612 (774-4558)	4472 (774-5074)
	W		4000 (900-5300)	4800 (900-5900)	4200 (900-5300)	5200 (900-5900)
Heating capacity	Kcal/h		5160 (774-7224)	5762 (774-7310)	5160 (774-7224)	5762 (774-7310)
	W		6000 (900-8400)	6700 (900-8500)	6000 (900-8400)	6700 (900-9100)
Energy efficiency ratio (E.E.R.)	Cooling		3,77	3,22	4,12	3,29
	Heating		4,26	3,96	4,44	4,11
Power supply	V/n°/Hz		230/1/50	230/1/50	230/1/50	230/1/50
Power consumption	Cooling	W	1060	1490	1020	1580
	Heating	W	1410	1690	1350	1630
Starting current	A		6,2	7,4	5,9	7,2
Running current	Cooling	A	4,7	6,6	4,5	6,9
	Heating	A	6,2	7,4	5,9	7,2
Electrical wiring			(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T
Electrical connection			3X2,5+T	3X2,5+T	3X2,5+T	3X2,5+T
Noise level indoor unit	High	dB (A)	48	48	46	46
	Medium	dB (A)	46	46	43	43
	Low	dB (A)	38	38	35	35
	SuperQuiet	dB (A)	31	31	29	29
Noise level outdoor unit		dB (A)	47	48	46	47
Dimensions indoor unit	Width	mm	890	890	890	890
	Depth	mm	288	288	298	298
	Height	mm	250	250	250	250
	Weight	kg	13,5	13,5	13,5	13,5
Dimensions outdoor unit	Width	mm	790	790	790	790
	Depth	mm	300	300	300	300
	Height	mm	578	578	578	578
	Weight	kg	38	38	38	38
Pipe size	Inch.		1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"
Piping lenght max. (Total/Height)	m		15/8	15/8	20/15	20/15
Refrigerant			R410A	R410A	R410A	R410A
Refrigerant charge	m		15	15	15	15
Operating range	Cooling	°C	21~43	21~43	10~43	10~43
	Heating	°C	-10~24	-10~24	-15~24	-15~24

Models

	AWY40Ui	AWY50Ui	AWY40UiA	AWY50UiA
Code	3NGF8055	3NGF8060	3NGF8085	3NGF8090
Logistic reference indoor unit	AWY14LSACW	AWY17LSACW	AWY214LBC	AWY218LBC
Logistic reference outdoor unit	AOY14LSAWC	AOY17LSAWC	AOY214LBC	AOY218LBC
Price ref.	905	1.057	To consult	To consult



INVERTER

Wall Mounted inverter. Comfort in the home

INVERTER

Complete cleanliness and disinfection



Ion deodoriser filter

To achieve a powerful deodorising effect, this filter generates negative ions that absorb bad smells. This filter can be used for approximately three years if it is cleaned with water whenever it is dirty.



Antibacterial filter

The static electricity generated by the filter absorbs dust, mould and other harmful micro organisms, preventing them from growing.



Internal condensation

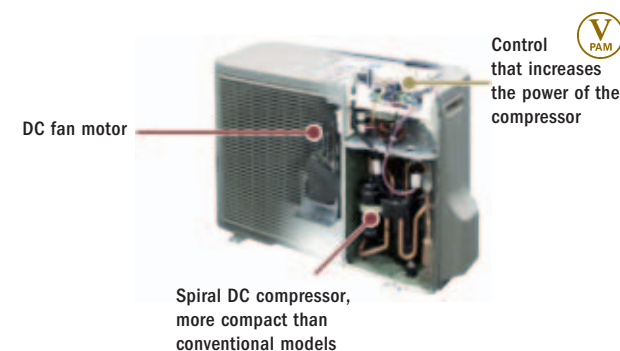
Coil dry
(approximately 20 minutes)

Coil dry

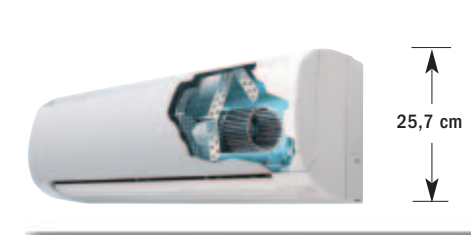
When the unit is off, the internal drying operation is activated to prevent the growth of mould and bacteria inside.

Class A energy saving

Thanks to its high-performance design, our Class A appliances achieve a powerful flow of air, minimum noise level and exceptional energy saving.



Wall Mounted. The most advanced features



Smart designs

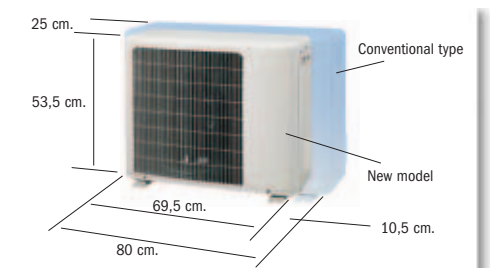
In addition to more attractive aesthetics, the new design of the front of the units provides easier cleaning as the air return remains hidden at the top.

Lambda evaporator

The strategic layout of the interchanger optimises the dimensions of the inside unit and enhances the flow/K calories ratio. In parallel fashion, the turbine is able to work at lower revolutions and minimises the noise thanks to its greater diameter.

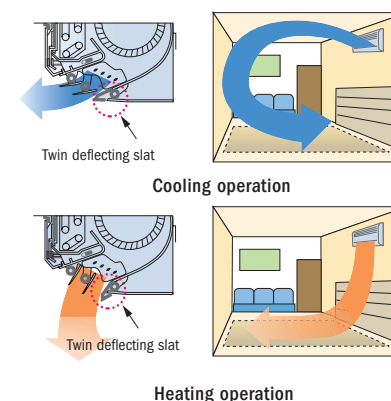
HSP outdoor units (High Strength Polyester) in the ASY20/25/35UF models

The units made from this material are smaller and weigh less whilst increasing their resistor to the outside. Among the many qualities of HSP is the noise reduction as a result of the absorption of vibrations and the incorporation of unique details, such as the protection of the connection valves.



Double slat system

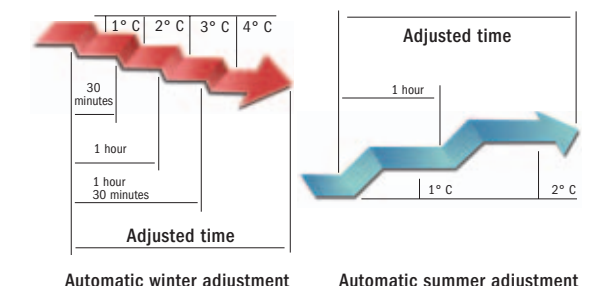
To blend the air in the room with the conditioned air more quickly in order to avoid stratification, the mobility of the two slats gives a longer dart of air.



Sleep and Nice Morning Timer (NTM)

Fujitsu equips its apparatus with these two functions that provide greater comfort.

- SLEEP: This nocturnal disconnection program adjusts the microprocessor to the time of year to condition the room in an optimum manner before the user wakes up.
- NMT: This function calculates the time required for the room to reach the desired temperature at the time set, and turns on the unit when required.

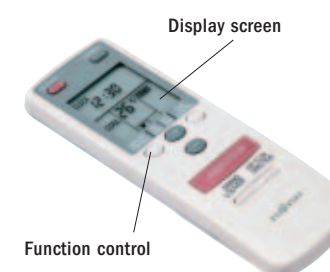


Five operational modes

Cool, Heat, Fan, Auto (the unit adjusts to the needs of each moment) and Dry (removal of excess humidity).

Remote control with LCD

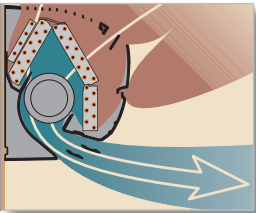
Ergonomic and easy to use, all the information is displayed on the large screen.



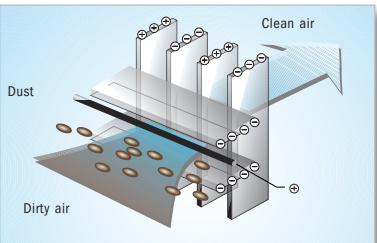
ASY20-50UiM3



Coil dry.



Optimum flow of 640 m³/h.



Deodorisation through negative ions.

Coil dry:

the remote control allows the coil dry function to be easily operated, preventing the formation of bad smells or the build-up of dirt inside the apparatus.

Maximum performance:

thanks to its DC inverter operation and “A” energy classification.

Deodorisation:

the unit has a deodorising filter that removes dirt and smells via the generation of negative ions.

Antibacterial:

the unit also has an antibacterial filter that allows small spores, particles and micro organisms to be removed through the static electricity effect.

Technical specifications

MODEL			ASY20UiM3	ASY25UiM3	ASY35UiM3	ASY40UiM3	ASY50UiM3
Cooling capacity		kcal/h	1806 (430-2580)	2236 (430-3185)	3010 (775-3698)	3612 (774-4558)	4472 (774-4902)
		W	2100 (500-3000)	2600 (500-3700)	3500 (900-4300)	4200 (900-5300)	5200 (900-5700)
Heating capacity		kcal/h	2580 (430-3956)	3096 (430-5246)	4128 (775-5762)	4816 (774-7224)	5375 (774-7826)
		W	3000 (500-4600)	3600 (500-6100)	4800 (900-6700)	5600 (900-8400)	6250 (900-9100)
Energy efficiency ratio (E.E.R.)	Cooling		4,47	4,19	3,8	3,78	3,02
	Heating		4,55	4,39	3,9	3,86	3,61
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption	Cooling	W	470	620	920	1110	1720
	Heating	W	845	820	1230	1450	1730
Starting current		A	3,2	3,8	5,6	6,4	7,6
Running current	Cooling	A	2,5	3	4,3	4,9	7,6
	Heating	A	3,2	3,8	5,6	6,4	7,6
Electrical wiring			(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T
Electrical connection			2x2,5+1,5+T	2x2,5+1,5+T	2x2,5+1,5+T	2x2,5+1,5+T	2x2,5+1,5+T
Noise level indoor unit	High	dB (A)	42	42	43	44	45
	Medium	dB (A)	37	37	37	39	39
	Low	dB (A)	31	31	31	32	32
	SuperQuiet	dB (A)	22	22	22	25	26
Noise level outdoor unit		dB (A)	47	47	48	48	49
Dimensions indoor unit	Width	mm	790	790	790	790	790
	Depth	mm	215	215	215	215	215
	Height	mm	275	275	275	275	275
	Width	mm	660	660	790	790	790
Dimensions outdoor unit	Depth	mm	290	290	290	300	300
	Height	mm	540	540	540	578	578
	Height	mm	540	540	540	578	578
Net weight	Indoor unit	kg	9	9	9	9	9
	Outdoor unit	kg	32	35	38	38	38
Pipe size		Inch.	1/4"- 3/8"	1/4"- 3/8"	1/4"- 3/8"	1/4"-1/2"	1/4"-1/2"
Piping lenght max. (Total/Height)		m	20/15	20/15	20/15	20/10	20/10
Refrigerant		type	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		m	15	15	15	15	15
Operating range	Cooling	°C	10~43	10~43	10~43	10~43	10~43
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24



ASY20-50UiM3



ASY20/25UiM3



ASY35/40/50UiM3

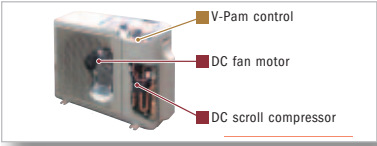


INVERTER

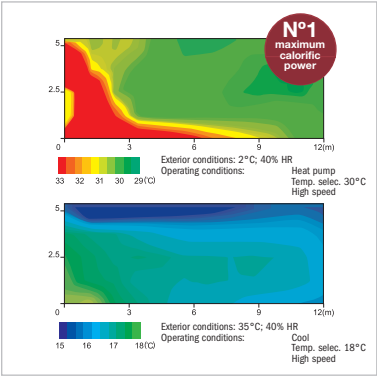
Models

	ASY20UiM3 INVERTER	ASY25UiM3 INVERTER	ASY35UiM3 INVERTER	ASY40UiM3 INVERTER	ASY50UiM3 INVERTER
Code	3NGF8110	3NGF8065	3NGF8070	3NGF8140	3NGF8150
Logistic reference indoor unit	ASYA07LCC	ASY9LSBCW	ASY12LSBCW	ASY14LSBCW	ASY18LSBCW
Logistic reference outdoor unit	AOYR07LCC	AOY9LFBC	AOY12LFBC	AOY14LFBC	AOY18LFBC
Price ref.	616 (Ask for availability)	648	753	866	1.000

ASY71-80Ui



High technology.



High efficiency and maximum comfort.

Technology  :
the exclusive V-Pam technology of the Fujitsu models, together with the use of the DC scroll compressor allow performance that is far higher than other inverter systems.

Deodorising and antibacterial filters:
these models include standard long-lasting ion filters that remove bad smells through the generation of negative ions. They also include a polyphenol antibacterial filter (an element extracted from apples) which absorbs dust, spores and other harmful micro organisms.

Comfortable air conditioning:
cool air is emitted horizontally, preventing the sensation of direct cool air, while hot air is emitted vertically, creating a sensation of pleasant heat

Technical specifications

MODEL			ASY71Ui	ASY80Ui	ASY71Ui(LC)	ASY80Ui(LC)
Cooling capacity	kcal/h		5850 (2320-6880)	6880 (2320-7400)	6106 (1720-6880)	6880 (1720-7740)
	W		6800 (2700-8000)	8000 (2700-8600)	7100 (2000-8000)	8000 (2000-9000)
Heating capacity	kcal/h		6020 (2320-7740)	7395 (2320-8600)	6966 (1720-8600)	7740 (1720-9460)
	W		7000 (2700-9000)	8500 (2700-10000)	8100 (2000-10000)	9000 (2000-11000)
Energy efficiency ratio (E.E.R.)	Cooling		3,21	2,63	3,21	3,01
	Heating		3,61	3,02	3,62	3,41
Power supply	V/n°/Hz		230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)	kW		2,12/1,94	3,04/2,81	2,21/2,24	2,66/2,64
Starting current	A		10	10	9,8	11,7
Running current (Cooling/Heating)	A		9,3/8,5	13,3/12,3	9,7/9,8	11,7/11,6
Electrical wiring			(O.U.) 2 x 4 + T	(O.U.) 2 x 4 + T	(O.U.) 2 x 4 + T	(O.U.) 2 x 4 + T
Electrical connection			3 x 2,5 + T	3 x 2,5 + T	3 x 2,5 + T	3 x 2,5 + T
Noise level indoor unit	High	dB (A)	45	45	47	47
	Medium	dB (A)	41	41	41	41
	Low	dB (A)	36	36	36	36
	SuperQuiet	dB (A)	32	32	32	32
Noise level outdoor unit		dB (A)	53	53	52	53
Dimensions indoor unit	Width	mm	1120	1120	998	998
	Depth	mm	220	220	228	228
	Hight	mm	320	320	320	320
Dimensions outdoor unit	Width	mm	900	900	790	900
	Depth	mm	350	350	315	330
	Hight	mm	900	900	578	830
Net weight (Indoor U./Outdoor U.)	kg		16/78	16/78	16/44	16/62
Pipe size	Inch.		3/8"-5/8"	3/8"-5/8"	1/4"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)	m		30/20	30/20	30/20	50/30
Refrigerant	type		R410A	R410A	R410A	R410A
Refrigerant charge	m		10	10	15	20
Operating range	Cooling	°C	0~43	0~43	-10~43	-10~43
	Heating	°C	-10~24	-10~24	-15~24	15~24



ASY71/80Ui



ASY71/80Ui(LC)



(mod. ASY71Ui/Ui(LC))

INVERTER



ASY71Ui(LC)

ASY80Ui(LC)

ASY71/80Ui

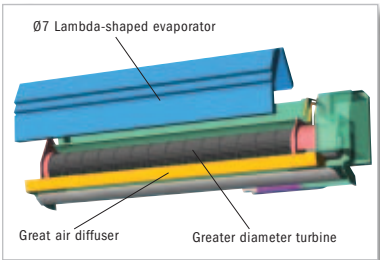
Models

	ASY71Ui INVERTER HEAT PUMP	ASY80Ui INVERTER HEAT PUMP	ASY71Ui(LC) INVERTER HEAT PUMP	ASY80Ui(LC) INVERTER HEAT PUMP
Code	3NGF8160	3NGF8170	3NGF8165	3NGF8175
Logistic reference indoor unit	ASY24LBA-W	ASY30LBA-W	ASYA24LCC	ASYA30LCC
Logistic reference outdoor unit	AOY24LMAL	AOY30LMAL	AOYR24LCC	AOYR30LCT
Price ref.	1.353	2.076	To consult	To consult

ASY25/35UA



Elegance and technology.



Aesthetics and elegance:

the interior units are designed for home comfort. The units are fitted with a smooth and compact front panel and ultra-small dimensions of 79 cm.

Increased performance:

that leads to maximum energy efficiency for the Class A with an EER of up to 4.07.

Low sound level:

Thanks to the Superquiet function that permits the apparatus to work at a lower sound level. It even allows operation at a level of 26 db(A).

Technical specifications

MODEL				ASY25UA	ASY35UA
Cooling capacity		kcal/h		2500	3180
		W		2900	3700
Heating capacity		kcal/h		2625	3440
		W		3050	4000
Energy efficiency ratio (E.E.R.)	Cooling			3,45	3,27
	Heating			4,07	3,85
Power supply		V/n°/Hz		230/1/50	230/1/50
Power consumption	Cooling	W		840	1130
	Heating	W		750	1040
Starting current		A		18,7	24
Running current	Cooling	A		3,7	5
	Heating	A		3,3	4,6
Electrical wiring				(I.U.) 2x2,5+T	(I.U.) 2x2,5+T
Electrical connection				2x2,5+1,5+T	2x2,5+1,5+T
Noise level indoor unit	High	dB (A)		40	45
	Medium	dB (A)		36	41
	Low	dB (A)		32	35
	SuperQuiet	dB (A)		27	29
Noise level outdoor unit		dB (A)		45	48
Dimensions indoor unit	Width	mm		790	790
	Depth	mm		215	215
	Height	mm		275	275
Dimensions outdoor unit	Width	mm		695	780
	Depth	mm		250	250
	Height	mm		535	535
Net weight	Indoor unit	kg		9	9
	Outdoor unit	kg		30	35
Pipe size		Inch.		1/4"-3/8"	1/4"-3/8"
Piping lenght max. (Total/Height)		m		15/8	15/8
Refrigerant		type		R410A	R410A
Refrigerant charge		m		7,5	7,5
Operating range	Cooling	°C		21~43	21~43
	Heating	°C		-5~24	-5~24



ASY25/35UA

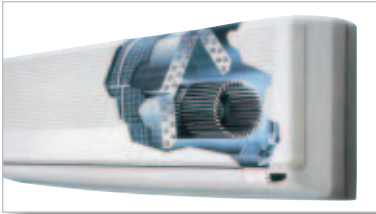


ASY25/35UA

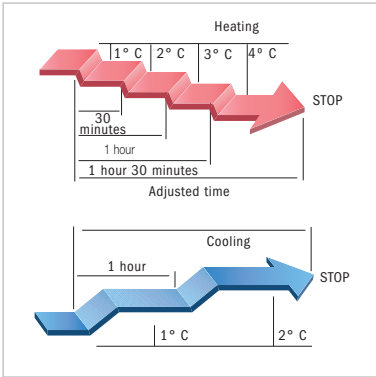
Models

	ASY25UA CLASS A HEAT PUMP	ASY35UA CLASS A HEAT PUMP
Code	3NGF2045	3NGF2065
Logistic reference indoor unit	ASY9USBCW	ASY12USBCW
Logistic reference outdoor unit	AOY9UGBC	AOY12UGBC
Price ref.	591	686

ASY20UM3-50 U



Small, lambda-shaped heat exchanger.



*"SLEEP" function. Nocturnal comfort.

Optimised structure:

the lambda-shaped heat exchanger optimises space and provides greater evaporation surface, leading to greater operational efficiency.

"SLEEP" function:

this adjusts the room temperature to the needs of the human body, raising the programmed room temperature by up to 4°C in winter and by up to 2°C in summer.

Air flow direction:

that allows the air direction to be selected using the remote control.

Technical specifications

MODEL			ASY20UM3	ASY40UM3	ASY50U	ASY50UB
Cooling capacity		kcal/h	1892	3655	4045	4644
		W	2200	4250	4700	5400
Heating capacity		kcal/h	1980	4130	4645	4902
		W	2300	4800	5400	5700
Energy efficiency ratio (E.E.R.)	Cooling		2,65	3,08	2,67	2,92
	Heating		3,07	3,78	2,71	3,08
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption	Cooling	W	830	1380	1760	1850
	Heating	W	750	1270	1990	1850
Starting current		A	19,5	31	49	39
Running current	Cooling	A	3,9	6,1	7,9	8,3
	Heating	A	3,6	5,6	8,9	8,3
Electrical wiring			(I.U.)2x2,5+T	(I.U.)2x2,5+T	(I.U.)2x2,5+T	(O.U.)2x4+T
Electrical connection			4x1,5+T	2x2,5+2x1,5+T	4x2,5+T	6x1,5+T
Noise level indoor unit	High	dB (A)	38	43	42	42
	Medium	dB (A)	35	40	41	39
	Low	dB (A)	33	37	39	35
	SuperQuiet	dB (A)	29	33	-	-
Noise level outdoor unit		dB (A)	43	47	52	53
Dimensions indoor unit	Width	mm	808	790	900	1120
	Depth	mm	187	215	172	220
	Height	mm	257	275	254	320
	Weight	kg	8	9	10	16
Dimensions outdoor unit	Width	mm	650	780	830	830
	Depth	mm	250	250	320	320
	Height	mm	535	535	650	650
	Weight	kg	26	37	52	52
Pipe size		Inch.	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	1/4"-5/8"
Piping lenght max. (Total/Height)		m	10/5	15/8	20/8	20/8
Refrigerant		type	R410A	R410A	R410A	R410A
Refrigerant charge		m	7,5	7,5	7,5	7,5
Operating range	Cooling	°C	21~43	21~43	21~43	0~43
	Heating	°C	-5~24	-5~24	0~24	-6~24



ASY20UM3



ASY50U



ASY50UB



ASY20UM3



ASY50U



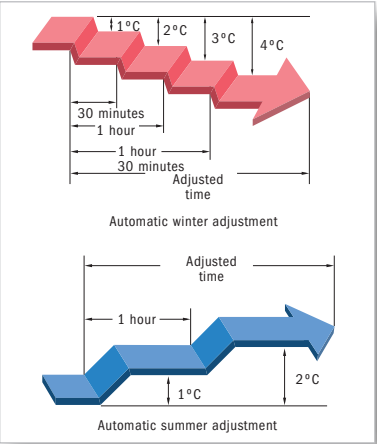
ASY50UB



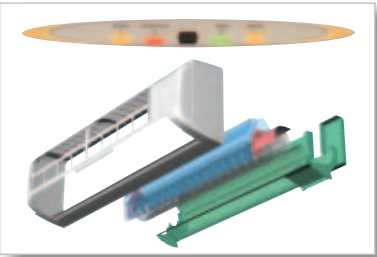
Models

	ASY20UM3 HEAT PUMP	ASY40UM3 HEAT PUMP	ASY50U HEAT PUMP	ASY50UB HEAT PUMP
Code	3NGF2035	3NGF2095	3NGF2100	3NGF2120
Logistic reference indoor unit	ASY7USBCW	ASY14USBCW	ASY17USCQ	ASY18UBBN
Logistic reference outdoor unit	AOY7USNC	AOY14USBC	AOY17UNBN	AOY18UNBNL
Price ref.	553	790	895	To consult

ASY71-80U



Saving and nocturnal comfort.



High efficiency and small size.

High efficiency and small size:

the lambda-shaped evaporator means that the units can be small whilst improving efficiency. The larger air diffuser as well as the bigger turbine size provide a large flow of air with a minimum noise level.

Sleep function:

which allows the room temperature to be adjusted to the needs of the human body, gradually raising the temperature in summer and lowering it in winter.

Automatic restart:

in the event of a power cut the unit automatically restarts once the power is back on.

Technical specifications

MODEL				ASY71U	ASY80U
Cooling capacity		kcal/h		5850	6800
		W		6800	7900
Heating capacity		kcal/h		6365	7225
		W		7400	8400
Energy efficiency ratio (E.E.R.)	Cooling			2,83	2,87
	Heating			3,08	3,05
Power supply		V/n°/H		230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		2,40/2,40	2,75/2,75
Starting current		A		61	90
Running current (Cooling/Heating)		A		10,6/10,5	13/13
Electrical wiring				(O.U.) 2x4+T	(O.U.) 22x4+T
Electrical connection				6x1,5+T	6x1,5+T
Noise level indoor unit	High	dB (A)		44	47
	Medium	dB (A)		40	44
	Low	dB (A)		35	40
	SuperQuiet	dB (A)		-	-
Noise level outdoor unit		dB (A)		52	56
Dimensions indoor unit	Width	mm		1120	1120
	Depth	mm		220	220
	Height	mm		320	320
Dimensions outdoor unit	Width	mm		830	900
	Depth	mm		350	350
	Height	mm		650	900
Net weight (Indoor U. / Outdoor U.)		kg		16/59	16/74
Pipe size		Inch.		3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)		m		20/8	25/15
Refrigerant		type		R410A	R410A
Refrigerant charge		m		7,5	7,5
Operating range	Cooling	°C		0~43	0~43
	Heating	°C		6~24	-6~24



ASY71/80U



ASY71U

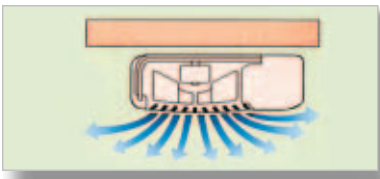
ASY80U

Models

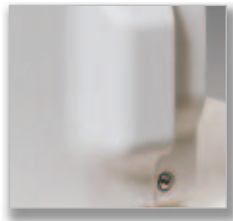
	ASY71U HEAT PUMP	ASY80U HEAT PUMP
Code	3NGF2140	3NGF2155
Logistic reference indoor unit	ASY24UBBN	ASY30UBBJ
Logistic reference outdoor unit	AOY24UNBNL	AOY30UNBDL
Price ref.	1.028	1.819



ASY20FM3-50F



Tangential air outlet.



Protected valves.

Super-silent operation:

incorporates auto-restart in the event of a power cut and SuperQuiet velocity for a lower noise level and greater comfort.

Compact structure:

the outside unit is robust and compact at the same time. It is made from ABS, its valves are protected and it is fitted with a 3-bladed rotary fan.

Technical specifications

MODEL			ASY20FM3	ASY25F	ASY35F	ASY40FM3	ASY50F	ASY50FB
Cooling capacity		kcal/h	1935	2365	2924	3610	4045	4644
		W	2250	2750	3400	4200	4700	5400
Heating capacity		kcal/h	-	-	-	-	-	-
		W	-	-	-	-	-	-
Energy efficiency ratio (E.E.R.)	Cooling		2,81	2,62	2,56	2,84	2,54	2,84
	Heating		-	-	-	-	-	-
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption	Cooling	W	800	1050	1330	1480	1850	1900
	Heating	W	-	-	-	-	-	-
Starting current		A	19,5	26	33,5	31	39	39
Running current	Cooling	A	3,7	4,7	6,2	6,6	8,3	8,5
	Heating	A	-	-	-	-	-	-
Electrical wiring			(I.U.) 2x1,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(I.U.) 2x2,5+T	(O.U.)2x4+T
Electrical connection			2x1,5+T	2x1,5+T	2x2,5+T	2x2,5+T	2x2,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)	38	39	39	43	42	41
	Medium	dB (A)	35	37	37	40	40	36,5
	Low	dB (A)	33	34	35	37	37	33
	SuperQuiet	dB (A)	29	31	33	34	-	-
Noise level outdoor unit		dB (A)	43	45	46	47	52	52
Dimensions indoor unit	Width	mm	808	808	808	790	900	1120
	Depth	mm	187	187	187	215	172	220
	Height	mm	257	257	257	275	254	320
Dimensions outdoor unit	Width	mm	650	695	695	780	830	830
	Depth	mm	250	250	250	250	320	320
	Height	mm	535	535	535	535	650	650
Net weight	Inddor unit	kg	8	8	8	9	10	16
	Outdoor unit	kg	25	30	32	35	47	47
Pipe size		Inch.	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	1/4"-5/8"
Piping lenght max. (Total/Height)		m	10/5	15/8	15/8	15/8	20/8	20/8
Refrigerant		type	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		m	7,5	7,5	7,5	7,5	7,5	7,5
Operating range	Cooling	°C	21~43	21~43	21~43	21~43	21~43	21~43
	Heating	°C	-	-	-	-	-	-



ASY20FM3/25F/35F



ASY50F



ASY50FB



ASY20FM3/25F/35F



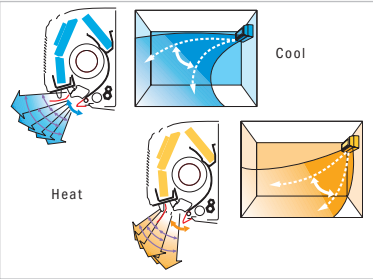
ASY50F/FB



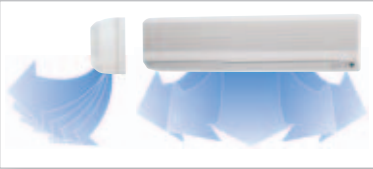
Models

	ASY20FM3 COOLING ONLY	ASY25F COOLING ONLY	ASY35F COOLING ONLY	ASY40FM3 COOLING ONLY	ASY50F COOLING ONLY	ASY50FB COOLING ONLY
Code	3NGF1035	3NGF1050	3NGF1070	3NGF1095	3NGF1100	3NGF1120
Logistic reference indoor unit	ASY7FSBCW	ASY9FSBCW	ASY12FSBCW	ASY14FSBCW	ASY17FSCQ	ASY18FBBN
Logistic reference outdoor unit	AOY7FSBC	AOY9FSBC	AOY12FSBC	AOY14FSBC	AOY17FNBN	AOY18FNBN
Price ref.	477	524	619	724	800	To consult

ASY71-80F



Uniform air conditioning thanks to the third slat.



Large airflow.

- Uniform air conditioning:**
a horizontal or vertical air flow can be created thanks to the mobility of the slats. This prevents stratification and allows the conditioned air to be distributed quicker.
- Aesthetics and trendy design:**
for your display its easy to read luminous display.
- Low noise level:**
the pieces made from resin reduce the noise level of the unit.
- Coil dry function:**
that prevents the formation of smells in the heat exchanger.

Technical specifications

MODEL				ASY71F	ASY80F
Cooling capacity		kcal/h		5850	6800
		W		6800	7900
Heating capacity		kcal/h		---	---
		W		---	---
Energy efficiency ratio (E.E.R.)	Cooling			2,83	2,87
	Heating			---	---
Power supply		V/n°/H		230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		2,40/-	2,75/-
Starting current		A		61	90
Running current (Cooling/Heating)		A		10,6/-	13/-
Electrical wiring				(O.U.) 2x4+T	(O.U.) 2x4+T
Electrical connection				3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		44	47
	Medium	dB (A)		40	44
	Low	dB (A)		35	40
	SuperQuiet	dB (A)			
Noise level outdoor unit		dB (A)		52	55
Dimensions indoor unit	Width	mm		1120	1120
	Depth	mm		220	220
	Height	mm		320	320
Dimensions outdoor unit	Width	mm		830	900
	Depth	mm		350	350
	Height	mm		650	900
Net weight (Indoor U./Outdoor U.)		kg		16/58	16/73
Pipe size		Inch.		3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)		m		20/8	30/15
Refrigerant		type		R410A	R410A
Refrigerant charge		m		7,5	7,5
Operating range	Cooling	°C		21-43	0-43
	Heating	°C		-	-



ASY71/80F



ASY71F

ASY80F

Models

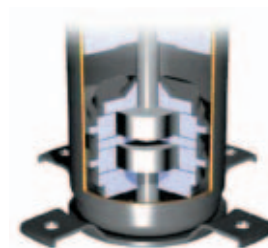
ASY71F		ASY80F
COOLING ONLY		COOLING ONLY
Code	3NGF1145	3NGF1155
Logistic reference indoor unit	ASY24FBBN	ASY30FBBJ
Logistic reference outdoor unit	AOY24FNBN	AOY30FNBDL
Price ref.	933	1.581

Multi Split inverter. Comfort guarantee

INVERTER

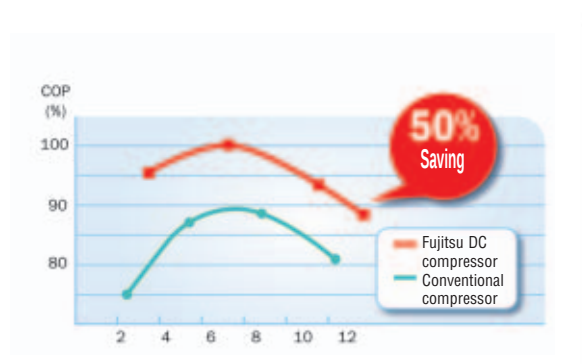
Multi-inverter DC system

Thanks to the advanced DC compressor, the Fujitsu units are able to reach the room temperature much quicker and maintain it with differences of only 0.5° C.



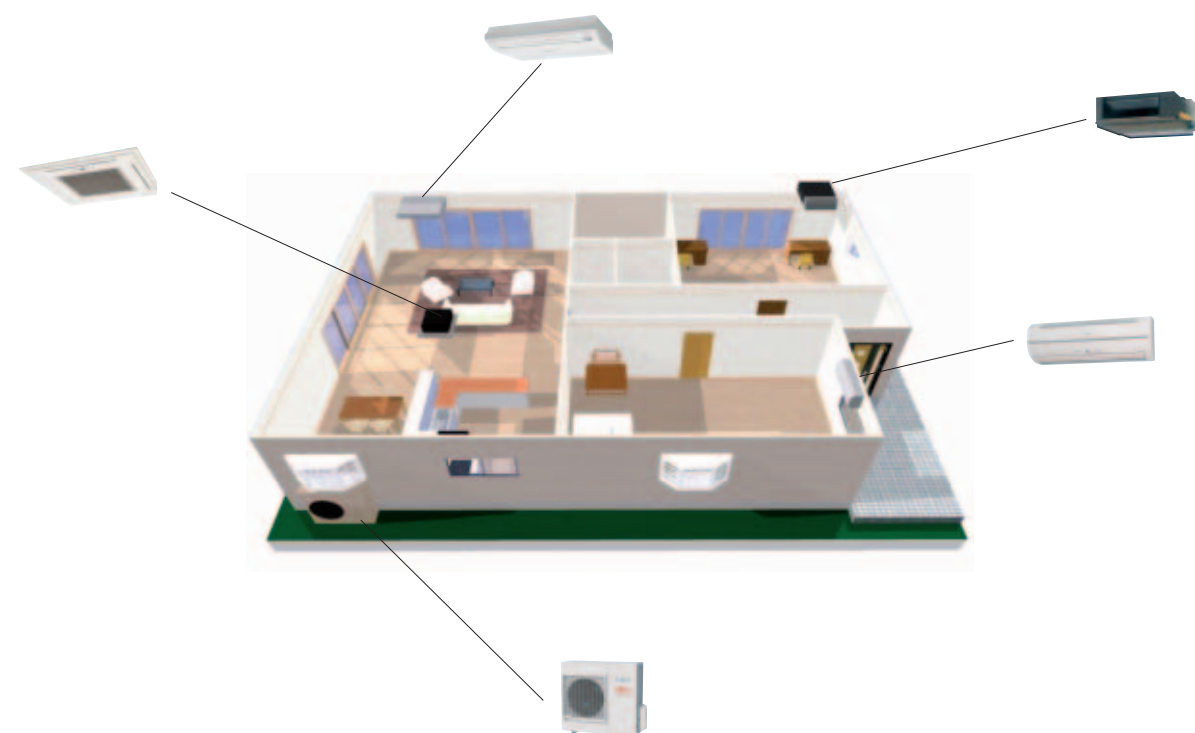
The perfect balance between power and saving

Compared with the conventional models, the Multi-inverter DC system is up to 50% more efficient and provides a considerable increase in energy saving.



F series

The Fujitsu units allow different types of evaporators with different capacities to be easily combined (wall, cassette, floor/ceiling and duct type).



Multi Split. Everything is an advantage

Independent compressors

Each compressor of the multisplit 2x1 apparatus works independently with an interior unit. Likewise, all of the multisplit units have two independent compressors built in to form part of a complete cooling circuit.

The aim of maximum comfort

Equipped with innumerable features to provide the greatest comfort in the home, the multisplit units incorporate Nice morning timer, Sleep, Superquiet (reduces the turbine speed and the noise level) and Air flow direction (regulated using the remote control, up to seven different positions of the air impulsion direction), among others.



F series

Maximum flexibility:

thanks to the great variety of combinable indoor units. Up to 16 units with different capacities.

	WALL MOUNTED	CASSETTE	FLOOR/CEILING	DUCT
7.000 BTU 2.000 W	 ASY20UiF			
9.000 BTU 2.500 W	 ASY25UiF			 ACY25UiF
12.000 BTU 3.500 W	 ASY35UiF	 AUY35UiF		 ACY35UiF
14.000 BTU 4.000 W		 AUY40UiF	 ABY40UiF	 ACY40UiF
18.000 BTU 5.000 W	 ASY50UiF	 AUY50UiF	 ABY50UiF	 ACY50UiF
22.000 BTU 6.300 W				 ACY63UiF
24.000 BTU 7.100 W	 ASY71UiF		 ABY71UiF	



- AOY50Ui2F** 1 outdoor unit and 2 indoor units
Total maximum power of the indoor units between 4400 and 7100 W
- AOY71Ui2F** 1 outdoor unit and 2 indoor units
Total maximum power of the indoor units between 4400 and 8100 W
- AOY80Ui4F** 1 outdoor unit and 3 or 4 indoor units
Total maximum power of the indoor units between 7900 and 14300 W

MODEL		ASY20UiF WALL MOUNTED	ASY25UiF WALL MOUNTED	ASY35UiF WALL MOUNTED	ASY50UiF WALL MOUNTED	ASY71UiF WALL MOUNTED	AUY35UiF CASSETTE	AUY40UiF CASSETTE	AUY50UiF CASSETTE
Cooling capacity	kcal/h	1978	2322	2838	4472	5848	2838	3268	3698
	W	2300	2700	3300	5200	6800	3300	3800	4300
Heating capacity	kcal/h	2408	2752	3268	5160	6536	3268	3612	4128
	W	2800	3200	3800	6000	7600	3800	4200	4800
Noise level (High/Low)	dB (A)	34/29	36/29	38/33	46/35	45/32	42/36	42/36	44/38
Dimensions (Width x Depth x Height)	mm	808x187x257			1120x220x320		580x580(650)x235		
Net weight	kg	8	8	8	16	16	18	18	18
Pipe size	Inch.	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	3/8"-5/8"	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"
Code		3NGF8216	3NGF8217	3NGF8218	3NGF8219	3NGF8220	3NGF8229K	3NGF8230K	3NGF8231K
Ref. log.		ASY7LMACW	ASY9LMACW	ASY12LMACW	ASY18LBAJ	ASY24LBAJ	AUY12LBAB	AUY14LBAB	AUY18LBAB
Price ref.		267	286	343	410	610	561	800	914

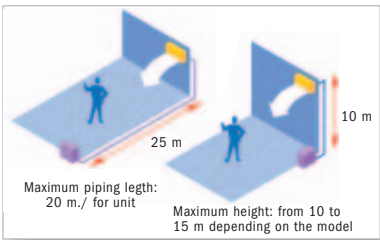
MODEL		ABY40UiF FLOOR/CEILING	ABY50UiF FLOOR/CEILING	ABY71UiF FLOOR/CEILING	ACY25UiF DUCT	ACY35UiF DUCT	ACY40UiF DUCT	ACY50UiF DUCT	ACY63UiF DUCT
Cooling capacit	kcal/h	3440	4472	5590	2322	2838	3440	4472	5590
	W	4000	5200	6500	2700	3300	4000	5200	6500
Heating capacity	kcal/h	3956	5160	6192	2752	3268	3956	5160	6192
	W	4600	6000	7200	3200	3800	4600	6000	7200
Noise level (High/Low)	dB (A)	41/35	47/38	50/42	35/31	29/27	34/30	43/36	44/35
Dimensions (Width x Depth x Height)	mm	990x655x199			663x595x217		953x595x217		
Net weight	kg	28	28	28	18	25	25	25	25
Pipe size	Inch.	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"	1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	1/4"-1/2"
Code		3NGF8221	3NGF8222	3NGF8223	3NGF8224	3NGF8225	3NGF8226	3NGF8227	3NGF8228
Ref. log.		ABY14LBAJ	ABY18LBAJ	ABY24LBAJ	ARY9LUAB	ARY12LUAD	ARY14LUAD	ARY18LUAD	ARY22LUAD
Price ref.		381	467	610	552	581	610	639	715

MODEL		AOY50Ui2F OUTDOOR UNIT	AOY71Ui2F OUTDOOR UNIT	AOY80Ui4F OUTDOOR UNIT
Cooling capacity	kcal/h	4730	4988	6880 (4042-8514)
	W	5500	5800	8000 (4700-9900)
Heating capacity	kcal/h	5505	5504	8084 (3698-10492)
	W	6400	6400	9400 (4300-12200)
Energy efficiency ratio (E.E.R.)	Cooling	3,24	3,24	3,51
	Heating	3,4	3,4	4,12
Noise level	dB (A)	49	49	49
Dimensions (Width x Depth x Height)	mm	830x320x650	830x320x650	900x330x835
Net weight	kg	56	56	68
Power supply	V/n°/Hz	230/1/150	230/1/150	230/1/150
Power consumption	Cooling	W	1700	2220
	Heating	W	1880	2400
Starting current	A	10	10	10
Running current	Cooling	A	7,39	9,7
	Heating	A	8,17	10,5
Electrical wiring		(0.U.) 2x4+T	(0.U.) 22x4+T	(0.U.) 22x4+T
Electrical connection		3x2,5+T	3x2,5+T	3x2,5+T
Piping lenght max. (Total/Height) m		30/10	30/10	70/15
Piping lenght max x unit	m	*	20	25
Refrigerant	type	R410A	R410A	R410A
Refrigerant charge	m	30 totals (20 by I.U.)	30 totals (25 by I.U.)	50 totals (25 by I.U.)
Operating range	Cooling	°C	0-46	0-46
	Heating	°C	-10-24	-10-24
Code		3NGF8234	3NGF8232	3NGF8233
Ref. log.		AOY18LMAK2	AOY24LMAM2	AOY30LMAW4
Price ref.		952 (Ask for availability)	1.133	1.714

See combination tables on pages 49, 50 and 51.



ASY20-50Ui2



Flexible installation.



Maximum accessibility.

Technical specifications

INDOOR UNIT			ASY20Ui2	ASY25Ui2	ASY35Ui2	ASY50Ui2
Cooling capacity		kcal/h	1890	2320	2965	4470
		W	2220	2700	3450	5200
Heating capacity		kcal/h	2235	2750	3440	5160
		W	2600	3200	4000	6000
Noise level	High	dB (A)	33	35	38	46
	Medium	dB (A)	30	33	35	43
	Low	dB (A)	27	30	31	38
	SuperQuiet	dB (A)	26	28	29	34
Dimensiones	Width	mm	808	808	808	1120
	Depth	mm	187	187	187	220
	Height	mm	257	257	257	320
Net weight		kg	8	8	8	16
Pipe size		Inch.	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	1/4"15/2"

OUTDOOR UNIT			A0Y71Ui2
Cooling capacity		Kcal/h	4988 (1890-6795)
		W	5800 (2220-7900)
Heating capacity		Kcal/h	5504 (2235-7570)
		W	6400 (2600-8800)
Energy efficiency ratio (E.E.R.)	Cooling		3,49
	Heating		3,98
Noise level		dB (A)	49
Dimensions	Width	mm	830
	Depth	mm	320
	Height	mm	650
Net weight		kg	56
Power supply		V/n°/Hz	230/1/50
Power consumption	Cooling	W	860-2800
	Heating	W	1080-2820
Starting current		A	3,8/4,8
Running current	Cooling	W	7,3
	Heating	W	6,9
Electrical wiring			(UE) 2x4+T
Electrical connection			3x2,5+T
Piping lenght max. (Total/Height)		m	30/10
Piping lenght Max. x unit		m	20
Refrigerant		type	R410A
Refrigerant charge		m	30
Operating range	Cooling	°C	0-43
	Heating	°C	-10-21

See combination tables on pages 52 and 53.



ASY50Ui2



ASY20/25/35Ui2



A0Y71Ui2



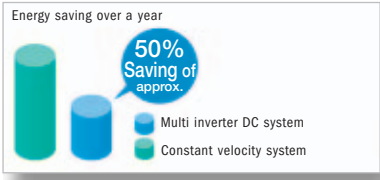
(Only model ASY50Ui2)

INVERTER

Models

	ASY20Ui2 INVERTER INDOOR UNIT	ASY25Ui2 INVERTER INDOOR UNIT	ASY35Ui2 INVERTER INDOOR UNIT	ASY50Ui2 INVERTER INDOOR UNIT	A0Y71Ui2 INVERTER OUTDOOR UNIT
Code	3NGF8201	3NGF8202	3NGF8203	3NGF8204	3NGF8205
Ref. log.	ASY7LMACW	ASY9LMACW	ASY12LMACW	ASY18LMA-W	A0Y24LMAM2
Price ref.	267	286	343	410	1.133

ASY25-71Ti4



Energy saving.



Air fan.

Energy saving:

the action of the DC inverter system provides efficiency that is superior to a constant velocity system, with the consequent energy saving of up to 50%.

Multi-airflow function

(ASY50Ti4-ASY71Ti4):

total comfort thanks to the horizontal and vertical air distribution through the power diffuser.

Auto swing louver function

(ASY25Ti4-ASY35Ti4):

which allows the air current to be directed in up to 7 different directions.

Technical specifications

INDOOR UNIT			ASY25Ti4	ASY35Ti4	ASY50Ti4	ASY71Ti4
Cooling capacity		kcal/h	2320	3010	4470	5935
		W	2700	3500	5200	6900
Heating capacity		kcal/h	2840	3440	5330	7050
		W	3300	4000	6200	8200
Noise level	High	dB (A)	38	39	42	46
	Medium	dB (A)	36	37	39	42
	Low	dB (A)	34	35	36	37
	SuperQuiet	dB (A)	31	32	33	34
Dimensions	Width	mm	815	815	1120	1120
	Depth	mm	168	168	220	220
	Height	mm	260	260	320	320
Net weight		kg	8	8	16	16
Pipe size		Inch.	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	3/8"-5/8"

OUTDOOR UNIT			AOY80Ti4
Cooling capacity		Kcal/h	6880 (1550-8170)
		W	8000 (1800-9500)
Heating capacity		Kcal/h	7998 (1720-9630)
		W	9300 (2000-11200)
Energy efficiency ratio (E.E.R.)	Cooling		3.00
	Heating		3.55
Noise level		dB (A)	48
Dimensions	Width	mm	900
	Depth	mm	350
	Height	mm	900
Net weight		kg	70
Power supply		V/n°/Hz	230/1/50
Power consumption	Cooling	W	680-3700
	Heating	W	770-3720
Starting current		A	3/3.3
Running current	Cooling	W	11,6
	Heating	W	11,4
Electrical wiring			(UE) 2x4+T
Electrical connection			3x2,5+T
Piping lenght max. (Total/Height)		m	60/15
Piping lenght. Max. x unit		m	25
Refrigerant		type	R407C
Refrigerant charge		m	40
Operating range	Cooling	°C	10~46
	Heating	°C	-10~21

See combination tables on pages 52 and 53.



ASY25/35Ti4



ASY50/71Ti4



AOY80Ti4



Models
ASY50Ti4
and ASY71Ti4

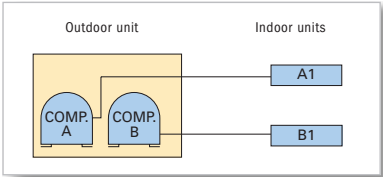
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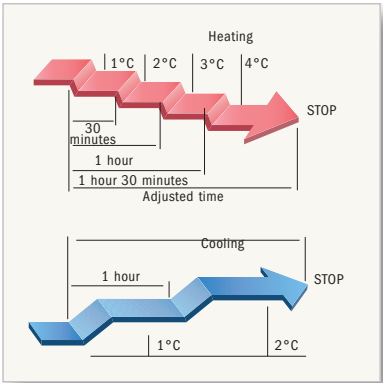
Models

	ASY25Ti4 INVERTER INDOOR UNIT	ASY35Ti4 INVERTER INDOOR UNIT	ASY50Ti4 INVERTER INDOOR UNIT	ASY71Ti4 INVERTER INDOOR UNIT	AOY80Ti4 INVERTER OUTDOOR UNIT
Code	3NGF8211	3NGF8212	3NGF8213	3NGF8214	3NGF8215
Ref. log.	ASY9QMACW	ASY12QMACW	ASY18QMA-W	ASY24QMA-W	AOY30QMAM4
Price ref.	286	343	410	610	2.052

ASY25U2/352OU11/35U2 M3



Two independent compressors



*"SLEEP" function. Nocturnal comfort.

Independent compressors:

the total independence of the compressors allows one unit to be working in cooling mode while the other is working in heating mode.

Saving and nocturnal comfort:

the sleep function allows the temperature to be programmed to enable it to adapt to the needs of the human body during the night.

Broad operational range

of up to -10°C in thermal pump mode.

Technical specifications

MODEL			ASY25U2M3	ASY352OU11M3			ASY35U2M3
				A (12.000 BTU/H)	B (7.000 BTU/H)	A+B	
Cooling capacity		kcal/h	2x2322	2965	1935	4900	2x2965
		W	2x2700	3450	2250	5700	2x3450
Heating capacity		kcal/h	2x2840	3440	2320	5760	2x3440
		W	2x3300	4000	2700	6700	2x4000
Energy efficiency ratio (E.E.R.)	Cooling		2,81	2,61	2,59	2,68	2,61
	Heating		3,21	2,86	3	3,21	3,21
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption	Cooling	W	1920	1320	870	2130	2640
	Heating	W	2030	1400	900	2090	2490
Starting current		A	2x21	30	20	30+20	30+30
Running current	Cooling	A	8,7	5,8	3,9	9,5	11,7
	Heating	A	9,1	6,2	4,1	9,4	11,1
Electrical wiring			(0.U.) 2x2,5+T	-	-	(0.U.) 2x2,5+T	(0.U.) 2x4+T
Electrical connection			(4x1,5)x2	-	-	3x1,5+T	(3x1,5+T)x2
Noise level indoor unit	High	dB (A)	35	38	36	-	38
	Medium	dB (A)	33	35	32	-	35
	Low	dB (A)	30	31	30	-	31
	SuperQuiet	dB (A)	28	29	28	-	29
Noise level outdoor unit		dB (A)	51	-	-	51	52
Dimensions indoor unit	Width	mm	808	808	808	-	808
	Depth	mm	187	187	187	-	187
	Height	mm	257	257	257	-	257
Dimensions outdoor unit	Width	mm	900	-	-	900	900
	Depth	mm	350	-	-	350	350
	Height	mm	700	-	-	700	700
Net weight	Indoor unit	kg	8	8	8	-	8
	Outdoor unit	kg	68	-	-	68	69
Pipe size		Inch.	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	-	1/4"-3/8"
Piping lenght max. (Total/Height)		m	2x(15/8)	15/8	15/8	-	2x(15/8)
Refrigerant		type	R410A	-	-	R410A	R410A
Refrigerant charge		m	15	15	15	-	15
Operating range	Cooling	°C	10~43	10~43	10~43	-	10~43
	Heating	°C	-5~43	-10~21	-10~21	-	-10~21



ASY25U2/352OU11/35U2M3



ASY25U2/352OU11/35U2M3

Models

	ASY25U2M3	ASY352OU11M3			ASY35U2M3
		A (12.000 BTU/H)	B (7.000 BTU/H)	A+B	
Code	3NGF2265	-	-	3NGF2355	3NGF2835
Logistic reference indoor unit	ASY9UMACW	ASY7UMACW	ASY12UMACW	-	ASY12UMACW
Logistic reference outdoor unit	AOY19UGBB2	-	-	AOY20USAM2	AOY24USAM2
Price ref.	1.200	-	-	1.270	1.650



ASY25F2/3520F11/35F2



"Swing louver" and "Air flow direction" function.

Automatic fan:

total comfort thanks to the vertical and horizontal air distribution that prevents stratification.

Air flow direction function:

air direction selector with up to 5 different positions.

Technical specifications

MODEL			ASY25F2	ASY3520F11			ASY35F2
				A (12.000 BTU/H)	B (7.000 BTU/H)	A+B	
Cooling capacity	kcal/h		2x2365	3010	1890	4900	2x3010
	W		2x2750	3500	2200	5700	2x3500
Heating capacity	kcal/h		-	-	-	-	-
	W		-	-	-	-	-
Energy efficiency ratio (E.E.R.)	Cooling		2,81	2,61	2,52	2,81	2,71
	Heating		-	-	-	-	-
Power supply	V/n°/Hz		220/2	220/2	220/2	220/2	220/2
Power consumption	Cooling	W	1960	1340	870	2030	2580
	Heating	W	-	-	-	-	-
Starting current	A		2x21	30	19,5	30+19,5	30+30
Running current	Cooling	A	4,7	5,9	4	9,1	11,5
	Heating	A	-	-	-	-	-
Electrical wiring			(0.U.) 2x2,5+T	-	-	(0.U.) 2x4+T	(0.U.) 2x4+T
Electrical connection			(3x1,5+T)x2	-	-	(3x1,5+T)x2	(3x1,5+T)x2
Noise level indoor unit	High	dB (A)	40	40	39	-	40
	Medium	dB (A)	37	38	37	-	38
	Low	dB (A)	34	36	35	-	36
	SuperQuiet	dB (A)	31	36	33	-	35
Noise level outdoor unit	dB (A)		50	-	-	51	52
Dimensions indoor unit	Width	mm	808	808	808	-	808
	Depth	mm	187	187	187	-	187
	Height	mm	257	257	257	-	257
Dimensions outdoor unit	Width	mm	900	-	-	900	900
	Depth	mm	350	-	-	350	350
	Height	mm	700	-	-	700	700
Net weight	indoor unit	kg	8	8	8	-	8
	Outdoor unit	kg	62	-	-	68	69
Pipe size	Inch.		2x(15/8)	15/8	15/8	-	2x(15/8)
Piping lenght max. (Total/Height)	m		1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	-	1/4"-3/8"
Refrigerant	type		R410A	-	-	R410A	R410A
Refrigerant charge	m		15	15	15	15	15
Operating range	Cooling	°C	18~43	18~43	18~43	-	18~43
	Heating	°C	-	-	-	-	-



ASY25F2/3520F11/35F2



ASY25F2/3520F11/35F2

Models

	ASY25F2	ASY3520F11			ASY35F2
		A (12.000 BTU/H)	B (7.000 BTU/H)	A+B	
Code	3NGF1255	-	-	3NGF1355	3NGF2435
Logistic reference indoor unit	ASY9FMAD	ASY7FMAD	ASY12FMAD	-	ASY12FMAD
Logistic reference outdoor unit	AOY19FGBB2	-	-	AOY20FSAB2	AOY24FSAB2
Price ref.	1.084	-	-	1.130	1.477



2x1 system F series

Cooling operation

AOY50UI2	Indoor unit		Capacity of each unit (kW)		Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	1	2	Mín.	Medium	Maximum	Mín.	Medium	Maximum	
	20	20	2,20	2,20	2,00	4,40	5,00	0,68	1,41	1,71	3,12
	20	25	2,30	2,80	2,00	5,10	5,50	0,68	1,70	1,86	3,00
	20	35	2,05	3,25	2,00	5,30	5,90	0,68	1,73	2,07	3,06
	20	40	1,90	3,50	2,00	5,40	6,40	0,68	1,73	2,22	3,12
	25	25	2,70	2,70	2,00	5,40	6,00	0,68	1,73	2,08	3,12
	25	35	2,40	3,00	2,00	5,40	6,40	0,68	1,72	2,22	3,14
	25	40	2,20	3,30	2,00	5,50	6,50	0,68	1,73	2,22	3,18
	35	35	2,75	2,75	2,00	5,40	6,40	0,68	1,70	2,22	3,18

Operation in heat pump

AOY50UI2	Indoor unit		Capacity of each unit (kW)		Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	1	2	Mín.	Medium	Maximum	Mín.	Medium	Maximum	
	20	20	2,60	2,60	2,20	5,20	6,40	0,68	1,57	2,13	3,31
	20	25	2,80	3,40	2,20	6,20	6,80	0,68	2,06	2,22	3,01
	20	35	2,45	3,75	2,20	6,20	6,80	0,68	1,93	2,22	3,21
	20	40	2,30	4,00	2,50	6,30	7,00	0,75	1,85	2,22	3,46
	25	25	3,20	3,15	2,20	6,30	7,00	0,68	1,95	2,22	3,23
	25	35	2,80	3,50	2,20	6,30	7,00	0,75	1,90	2,22	3,32
	25	40	2,60	3,80	2,50	6,40	7,10	0,75	1,84	2,22	3,48
	35	35	3,20	3,15	2,20	6,30	7,00	0,75	1,88	2,22	3,35

Cooling operation

AOY71UI2	Indoor unit		Capacity of each unit (kW)		Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	1	2	Mín.	Medium	Maximum	Mín.	Medium	Maximum	
	20	20	2,20	2,20	2,00	4,40	5,00	0,68	1,41	1,71	3,12
	20	25	2,30	2,80	2,00	5,10	5,50	0,68	1,70	1,86	3,00
	20	35	2,05	3,25	2,00	5,30	5,90	0,68	1,73	2,07	3,06
	20	40	1,90	3,50	2,00	5,40	6,80	0,68	1,73	2,60	3,12
	20	50	1,70	4,00	2,00	5,70	7,60	0,68	1,73	2,77	3,29
	25	25	2,70	2,70	2,00	5,40	6,00	0,68	1,73	2,08	3,12
	25	35	2,40	3,00	2,00	5,40	6,70	0,68	1,72	2,58	3,14
	25	40	2,20	3,30	2,00	5,50	7,30	0,68	1,73	2,77	3,18
	25	50	2,00	3,80	2,50	5,80	7,70	0,80	1,73	2,77	3,35
	35	35	2,75	2,75	2,00	5,50	7,10	0,68	1,70	2,77	3,24
	35	40	2,60	3,00	2,00	5,60	7,40	0,68	1,73	2,77	3,24
	35	50	2,30	3,50	2,50	5,80	7,80	0,80	1,73	2,77	3,35
	40	40	2,85	2,85	2,50	5,70	7,70	0,80	1,74	2,77	3,28

Operation in heat pump

AOY71UI2	Indoor unit		Capacity of each unit (kW)		Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	1	2	Mín.	Medium	Maximum	Mín.	Medium	Maximum	
	20	20	2,60	2,60	2,20	5,20	6,40	0,68	1,57	2,11	3,31
	20	25	2,80	3,40	2,20	6,20	7,20	0,68	2,05	2,53	3,02
	20	35	2,45	3,75	2,20	6,20	7,60	0,68	1,93	2,77	3,21
	20	40	2,30	4,10	2,50	6,40	8,00	0,75	1,85	2,77	3,46
	20	50	1,90	4,50	2,50	6,40	8,80	0,75	1,72	2,77	3,72
	25	25	3,20	3,20	2,20	6,40	7,80	0,68	1,95	2,76	3,28
	25	35	2,80	3,50	2,20	6,30	8,00	0,75	1,90	2,77	3,32
	25	40	2,60	3,80	2,50	6,40	8,20	0,75	1,80	2,77	3,56
	25	50	2,20	4,20	2,70	6,40	8,90	0,80	1,64	2,77	3,90
	35	35	3,20	3,20	2,20	6,40	8,00	0,75	1,88	2,77	3,40
	35	40	3,00	3,40	2,50	6,40	8,40	0,80	1,77	2,77	3,62
	35	50	2,40	4,00	2,70	6,40	9,00	0,80	1,64	2,77	3,90
	40	40	3,20	3,20	2,70	6,40	8,80	0,80	1,75	2,77	3,66

3x1 system F series

Cooling operation

AOY80UI4	Indoor unit			Capacity of each unit (kW)			Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	3	1	2	3	Min.	Medium	Maximum	Min.	Medium	Maximum	
	20	20	40	1.96	1.96	3.27	1.60	7.20	8.90	0.68	2.22	3.43	3.24
	20	20	50	1.81	1.81	4.08	2.80	7.70	10.00	0.98	2.22	3.55	3.47
	20	20	63	1.66	1.66	4.49	2.80	7.80	10.10	0.98	2.17	3.58	3.59
	20	20	71	1.61	1.61	4.57	2.80	7.80	10.10	0.98	2.19	3.53	3.56
	20	25	35	2.08	2.34	2.78	1.60	7.20	8.90	0.68	2.22	3.41	3.24
	20	25	40	1.90	2.14	3.16	2.80	7.20	9.10	0.98	2.22	3.56	3.24
	20	25	50	1.76	1.98	3.96	2.80	7.70	9.90	0.98	2.22	3.56	3.47
	20	25	63	1.61	1.82	4.37	2.80	7.80	10.10	0.98	2.22	3.58	3.51
	20	25	71	1.57	1.77	4.46	2.80	7.80	10.10	0.98	2.19	3.53	3.56
	20	35	35	1.96	2.62	2.62	1.60	7.20	9.10	0.68	2.22	3.54	3.24
	20	35	40	1.83	2.43	3.04	2.80	7.30	9.20	0.98	2.22	3.56	3.29
	20	35	50	1.68	2.24	3.78	2.80	7.70	9.90	0.98	2.22	3.56	3.47
	20	35	63	1.55	2.06	4.19	2.80	7.80	10.10	0.98	2.22	3.58	3.51
	20	35	71	1.51	2.01	4.28	2.80	7.80	10.10	0.98	2.19	3.56	3.56
	20	40	40	1.68	2.81	2.81	2.80	7.30	9.30	0.98	2.22	3.58	3.29
	20	40	50	1.57	2.61	3.52	3.50	7.70	10.00	1.17	2.22	3.58	3.47
	20	40	63	1.45	2.42	3.93	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	20	40	71	1.44	2.39	4.07	3.50	7.90	10.10	1.17	2.20	3.58	3.59
	25	25	25	2.40	2.40	2.40	2.80	7.20	8.90	0.98	2.22	3.42	3.24
	25	25	35	2.26	2.26	2.68	2.80	7.20	9.10	0.98	2.22	3.54	3.24
	25	25	40	2.10	2.10	3.11	2.80	7.30	9.20	0.98	2.22	3.57	3.29
	25	25	50	1.93	1.93	3.85	2.80	7.70	9.90	0.98	2.22	3.56	3.47
	25	25	63	1.77	1.77	4.26	2.80	7.80	10.10	0.98	2.22	3.58	3.51
	25	25	71	1.73	1.73	4.35	2.80	7.80	10.10	1.17	2.20	3.54	3.55
	25	35	35	2.14	2.53	2.53	2.80	7.20	9.10	0.98	2.22	3.54	3.24
	25	35	40	1.99	2.36	2.95	2.80	7.30	9.20	0.98	2.22	3.57	3.29
	25	35	50	1.84	2.18	3.68	2.80	7.70	9.90	0.98	2.22	3.56	3.47
	25	35	63	1.70	2.01	4.09	2.80	7.80	10.10	0.98	2.22	3.58	3.51
	25	35	71	1.66	1.97	4.18	2.80	7.80	10.10	0.98	2.19	3.56	3.56
	25	40	40	1.84	2.73	2.73	3.50	7.30	9.30	1.17	2.22	3.58	3.29
	25	40	50	1.74	2.58	3.48	3.50	7.80	10.00	1.17	2.22	3.58	3.51
	25	40	63	1.60	2.36	3.84	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	25	40	71	1.58	2.34	3.98	3.50	7.90	10.10	1.27	2.22	3.56	3.56
	35	35	35	2.43	2.43	2.43	2.80	7.30	9.20	0.98	2.22	3.55	3.29
	35	35	40	2.28	2.28	2.85	2.80	7.40	9.30	0.98	2.22	3.58	3.33
	35	35	50	2.12	2.12	3.57	3.50	7.80	10.00	1.17	2.22	3.57	3.51
	35	35	63	1.96	1.96	3.98	3.50	7.90	10.10	1.17	2.22	3.58	3.56
	35	35	71	1.92	1.92	4.07	3.50	7.90	10.10	1.17	2.20	3.54	3.59
	35	40	40	2.11	2.64	2.64	3.50	7.40	9.40	1.17	2.22	3.58	3.33
	35	40	50	1.98	2.48	3.34	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	35	40	63	1.85	2.31	3.75	3.50	7.90	10.10	1.17	2.22	3.58	3.56

Operation in heat pump

AOY80UI4	Indoor unit			Capacity of each unit (kW)			Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	3	1	2	3	Min.	Medium	Maximum	Min.	Medium	Maximum	
	20	20	40	2.37	2.37	4.06	1.80	8.80	10.10	0.58	2.66	3.53	3.31
	20	20	50	2.22	2.22	4.76	3.30	9.20	11.20	0.87	2.46	3.52	3.74
	20	20	63	2.07	2.07	5.17	3.30	9.30	11.60	0.87	2.43	3.52	3.83
	20	20	71	1.99	1.99	5.32	3.30	9.30	11.50	0.87	2.47	3.52	3.77
	20	25	35	2.44	2.88	3.49	1.80	8.80	10.00	0.58	2.69	3.51	3.27
	20	25	40	2.29	2.69	3.92	3.30	8.90	10.20	0.87	2.64	3.50	3.37
	20	25	50	2.13	2.51	4.56	3.30	9.20	11.30	0.87	2.45	3.50	3.76
	20	25	63	2.01	2.37	5.02	3.30	9.40	11.70	0.87	2.41	3.51	3.90
	20	25	71	1.94	2.28	5.18	3.30	9.40	11.50	0.87	2.46	3.51	3.82
	20	35	35	2.28	3.26	3.26	1.80	8.80	10.10	0.58	2.66	3.48	3.31
	20	35	40	2.17	3.10	3.72	3.30	9.00	10.30	0.87	2.62	3.48	3.44
	20	35	50	2.03	2.91	4.36	3.30	9.30	11.40	0.87	2.44	3.47	3.81
	20	35	63	1.91	2.72	4.77	3.30	9.40	11.70	0.87	2.40	3.49	3.92
	20	35	71	1.84	2.63	4.93	3.30	9.40	11.70	0.87	2.45	3.56	3.84
	20	40	40	2.05	3.52	3.52	3.30	9.10	10.60	0.87	2.59	3.48	3.51
	20	40	50	1.91	3.28	4.10	3.70	9.30	11.50	0.97	2.42	3.52	3.84
	20	40	63	1.80	3.09	4.51	3.70	9.40	11.80	0.97	2.39	3.52	3.93
	20	40	71	1.74	2.99	4.67	3.30	9.40	11.70	0.87	2.45	3.56	3.84
	25	25	25	2.93	2.93	2.93	3.30	8.80	10.00	0.87	2.69	3.51	3.27
	25	25	35	2.74	2.74	3.32	3.30	8.80	10.10	0.87	2.67	3.48	3.30
	25	25	40	2.61	2.61	3.79	3.30	9.00	10.30	0.87	2.63	3.48	3.42
	25	25	50	2.44	2.44	4.43	3.70	9.30	11.40	0.97	2.44	3.48	3.81
	25	25	63	2.28	2.28	4.84	3.70	9.40	11.70	0.97	2.41	3.50	3.90
	25	25	71	2.20	2.20	5.00	3.70	9.40	11.70	0.97	2.45	3.57	3.84
	25	35	35	2.60	3.15	3.15	3.30	8.90	10.30	0.87	2.65	3.52	3.36
	25	35	40	2.48	3.01	3.61	3.30	9.10	10.50	0.87	2.61	3.52	3.49
	25	35	50	2.31	2.80	4.20	3.70	9.30	11.40	0.97	2.43	3.47	3.83
	25	35	63	2.17	2.63	4.60	3.70	9.40	11.70	0.97	2.39	3.48	3.93
	25	35	71	2.10	2.54	4.76	3.70	9.40	11.80	0.97	2.44	3.55	3.85
	25	40	40	2.33	3.39	3.39	3.70	9.10	10.70	0.97	2.58	3.46	3.53
	25	40	50	2.18	3.17	3.96	3.70	9.30	11.60	0.97	2.41	3.51	3.86
	25	40	63	2.05	2.99	4.36	3.70	9.40	11.90	0.97	2.38	3.51	3.95
	25	40	71	1.99	2.89	4.52	4.30	9.40	11.90	1.12	2.42	3.57	3.88
	35	35	35	3.00	3.00	3.00	3.30	9.00	10.30	0.87	2.63	3.49	3.42
	35	35	40	2.84	2.84	3.41	3.30	9.10	10.60	0.87	2.59	3.49	3.51
	35	35	50	2.66	2.66	3.99	3.70	9.30	11.60	0.97	2.42	3.52	3.84
	35	35	63	2.51	2.51	4.39	3.70	9.40	11.90	0.97	2.38	3.52	3.95
	35	35	71	2.43	2.43	4.55	3.70	9.40	11.80	0.97	2.43	3.54	3.87
	35	40	40	2.71	3.25	3.25	3.70	9.20	10.80	0.97	2.35	3.50	3.91
	35	40	50	2.51	3.02	3.77	3.70	9.30	11.60	0.97	2.40	3.49	3.88
	35	40	63	2.38	2.86	4.16	3.70	9.40	11.90	0.97	2.37	3.49	3.97

4x1 system F series

Cooling operation

AOY80UI4	Indoor unit				Capacity of each unit (kW)				Total capacity (kW)			Consumption (kW)			EER (W/W)
	1	2	3	4	1	2	3	4	Min.	Medium	Maximum	Min.	Medium	Maximum	
	20	20	20	20	1.90	1.90	1.90	1.90	1.60	7.60	9.60	0.68	2.20	3.41	3.45
	20	20	20	25	1.84	1.84	1.84	2.07	1.60	7.60	9.80	0.68	2.22	3.54	3.42
	20	20	20	35	1.78	1.78	1.78	2.37	1.60	7.70	9.90	0.68	2.22	3.54	3.47
	20	20	20	40	1.65	1.65	1.65	2.75	2.80	7.70	9.90	0.98	2.22	3.56	3.47
	20	20	20	50	1.52	1.52	1.52	3.43	2.80	8.00	10.10	0.98	2.20	3.55	3.64
	20	20	20	63	1.40	1.40	1.40	3.80	2.80	8.00	10.10	0.98	2.22	3.58	3.60
	20	20	25	25	1.81	1.81	2.04	2.04	2.80	7.70	9.70	0.98	2.22	3.42	3.47
	20	20	25	35	1.73	1.73	1.94	2.30	2.80	7.70	9.90	0.98	2.22	3.55	3.47
	20	20	25	40	1.61	1.61	1.81	2.68	2.80	7.70	10.00	0.98	2.22	3.57	3.47
	20	20	25	50	1.49	1.49	1.67	3.35	3.50	8.00	10.10	1.17	2.20	3.55	3.64
	20	20	25	63	1.37	1.37	1.54	3.71	3.50	8.00	10.10	1.17	2.22	3.58	3.60
	20	20	35	35	1.65	1.65	2.20	2.20	2.80	7.70	10.00	0.98	2.22	3.55	3.47
	20	20	35	40	1.56	1.56	2.08	2.60	2.80	7.80	10.00	0.98	2.22	3.57	3.51
	20	20	35	50	1.43	1.43	1.91	3.22	3.50	8.00	10.10	1.17	2.20	3.56	3.64
	20	20	35	63	1.32	1.32	1.77	3.59	3.50	8.00	10.10	1.17	2.22	3.58	3.60
	20	20	40	40	1.50	1.50	2.50	2.50	3.50	8.00	10.10	1.17	2.22	3.58	3.60
	20	20	40	50	1.35	1.35	2.25	3.04	3.50	8.00	10.10	1.17	2.22	3.58	3.60
	20	25	25	25	1.76	1.98	1.98	1.98	2.80	7.70	9.90	0.98	2.22	3.56	3.47
	20	25	25	35	1.68	1.89	1.89	2.24	2.80	7.70	10.00	0.98	2.22	3.56	3.47
	20	25	25	40	1.59	1.78	1.78	2.64	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	20	25	25	50	1.45	1.64	1.64	3.27	3.50	8.00	10.10	1.17	2.22	3.56	3.60
	20	25	25	63	1.34	1.51	1.51	3.64	3.50	8.00	10.10	1.17	2.22	3.58	3.60
	20	25	35	35	1.63	1.83	2.17	2.17	2.80	7.80	10.00	0.98	2.22	3.56	3.51
	20	25	35	40	1.52	1.71	2.03	2.54	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	20	25	35	50	1.40	1.58	1.87	3.15	3.50	8.00	10.10	1.17	2.22	3.56	3.60
	20	25	40	40	1.45	1.63	2.41	2.41	3.50	7.90	10.10	1.17	2.22	3.58	3.56
	20	25	40	50	1.32	1.49	2.21	2.98	4.70	8.00	10.10	1.27	2.22	3.57	3.60
	20	35	35	35	1.56	2.08	2.08	2.08	2.80	7.80	10.10	0.98	2.22	3.56	3.51
	20	35	35	40	1.48	1.98	1.98	2.47	3.50	7.90	10.10	1.17	2.22	3.58	3.56
	20	35	35	50	1.35	1.80	1.80	3.04	3.50	8.00	10.10	1.17	2.22	3.56	3.60
	20	35	40	40	1.39	1.86	2.32	2.32	3.50	7.90	10.10	1.17	2.22	3.58	3.56
	25	25	25	25	1.93	1.93	1.93	1.93	3.50	7.70	10.00	1.17	2.22	3.56	3.47
	25	25	25	35	1.86	1.86	1.86	2.21	3.50	7.80	10.00	1.17	2.22	3.57	3.51
	25	25	25	40	1.74	1.74	1.74	2.58	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	25	25	25	50	1.60	1.60	1.60	3.20	4.70	8.00	10.10	1.27	2.22	3.58	3.60
	25	25	25	63	1.48	1.48	1.48	3.56	4.70	8.00	10.10	1.27	2.22	3.58	3.60
	25	25	35	35	1.78	1.78	2.12	2.12	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	25	25	35	40	1.67	1.67	1.98	2.48	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	25	25	35	50	1.54	1.54	1.83	3.09	4.70	8.00	10.10	1.27	2.22	3.58	3.60
	25	25	40	40	1.59	1.59	2.36	2.36	4.70	7.90	10.10	1.27	2.22	3.58	3.56
	25	35	35	35	1.71	2.03	2.03	2.03	3.50	7.80	10.10	1.17	2.22	3.58	3.51
	25	35	35	40	1.63	1.93	1.93	2.41	3.50	7.90	10.10	1.17	2.22	3.58	3.56
	25	35	40	40	1.53	1.82	2.27	2.27	4.70	7.90	10.10	1.27	2.22	3.58	3.56
	35	35	35	35	1.98	1.98	1.98	1.98	3.50	7.90	10.10	1.17	2.22	3.58	3.56

2x1 system INVERTER

Cooling operation

AOY71UI2	Indoor unit		Capacity of each unit (kW)		Capacity (kW)		Absorbed intensity (A)		Consumption (kW)	
	1	2	1	2	Medium	Maximum	Medium	Maximum	Medium	Maximum
2 indoor units connected with only 1 in use	20		2,20		2,2	2,5	3,8	4,1	0,86	0,93
	25		2,70		2,7	3,0	4,2	4,6	0,95	1,04
	35		3,50		3,5	4,0	5,1	5,8	1,15	1,31
	50		5,20		5,2	5,9	7,1	8,7	1,62	1,97
System 2x1	20	20	2,20	2,20	4,4	5,0	6,0	6,9	1,37	1,57
	25	20	2,70	2,20	4,9	5,3	7,0	7,3	1,58	1,65
	25	25	2,70	2,70	5,4	6,0	7,2	9,5	1,63	2,16
	35	20	3,10	2,30	5,4	6,1	7,2	8,7	1,63	1,99
	35	25	3,00	2,50	5,5	6,9	7,2	11,2	1,64	2,56
	35	35	2,80	2,80	5,6	7,4	7,2	12,3	1,64	2,8
	50	20	4,00	1,70	5,7	7,7	7,3	12,3	1,66	2,8
	50	25	3,80	2,00	5,8	7,8	7,3	12,3	1,66	2,8
	50	35	3,50	2,30	5,8	7,9	7,3	12,3	1,66	2,8

2x1 system INVERTER

Operation in heat pump

AOY71UI2	Indoor unit		Capacity of each unit (kW)		Capacity (kW)		Absorbed intensity (A)		Consumption (kW)	
	1	2	1	2	Medium	Maximum	Medium	Maximum	Medium	Maximum
2 indoor units connected with only 1 in use	20		2,60		2,6	3,2	4,8	5,8	1,08	1,31
	25		3,30		3,3	4,0	5,6	6,9	1,26	1,56
	35		4,10		4,1	4,6	6,6	7,7	1,49	1,74
	50		5,80		5,8	7,5	7,9	12,3	1,80	2,80
System 2x1	20	20	2,60	2,60	5,2	6,4	6,9	9,2	1,57	2,09
	25	20	3,20	2,50	5,7	7,2	7,2	10,8	1,63	2,47
	25	25	3,15	3,15	6,0	7,8	8,4	12,4	1,91	2,82
	35	20	3,60	2,60	6,2	7,8	8,3	12,4	1,88	2,82
	35	25	3,40	2,90	6,3	7,9	8,2	12,4	1,86	2,82
	35	35	3,20	3,20	6,4	8,2	8,1	12,4	1,84	2,82
	50	20	4,30	2,00	6,3	8,7	7,2	12,4	1,63	2,82
	50	25	4,10	2,30	6,4	8,8	7,1	12,4	1,61	2,82
	50	35	3,80	2,60	6,4	8,8	7,0	12,4	1,60	2,82

3x1 & 4x1 system INVERTER

Cooling operation

AOY80TI4	Indoor unit				Capacity of each unit (kW)				Total capacity (kW)			Absorbed intensity (A)			Consumption (kw)		
	1	2	3	4	1	2	3	4	Min.	Medium	Maximum	Min.	Medium	Maximum	Min.	Medium	Maximum
3 or 4 indoor units connected with only 1 in use	25				2,70				1,8	2,7	2,7	3,0	5,2	5,2	0,68	1,20	1,20
	35				3,50				1,9	3,5	3,5	3,0	5,7	5,7	0,68	1,30	1,30
	50				5,20				2,8	5,2	5,2	4,1	9,1	9,1	0,95	2,10	2,10
	71				6,90				3,3	6,9	6,9	4,7	12,9	12,9	1,08	2,96	2,96
4 indoor units connected with only 2 in use	25	25			2,70	2,70			2,9	5,4	5,4	4,2	9,1	9,1	0,96	2,10	2,10
	25	35			2,70	3,50			3,0	6,2	6,2	4,2	10,2	10,2	0,96	2,35	2,35
	25	50			2,40	4,60			3,5	7,0	7,9	4,9	10,6	14,9	1,12	2,45	3,42
	25	71			2,20	5,05			4,4	7,2	8,3	6,2	10,6	15,2	1,42	2,44	3,49
	35	35			3,30	3,30			3,4	6,6	7,0	4,8	10,4	12,6	1,10	2,40	2,90
	35	50			2,80	4,35			4,3	7,2	8,2	6,3	10,7	15,3	1,45	2,46	3,51
	35	71			2,60	4,80			5,2	7,4	8,6	7,9	10,6	15,3	1,82	2,44	3,51
3x1 system 4 indoor units connected with only 3 in use	25	25	25		2,35	2,35	2,35		3,3	7,1	7,9	4,6	10,8	15,2	1,05	2,50	3,49
	25	25	35		2,25	2,25	2,75		4,1	7,3	8,3	5,9	10,9	15,5	1,35	2,51	3,57
	25	25	50		1,90	1,90	3,70		5,0	7,5	8,8	7,5	11,0	15,6	1,73	2,54	3,59
	25	25	71		1,80	1,80	4,20		5,4	7,8	9,0	8,3	11,0	15,5	1,91	2,52	3,57
	25	35	35		2,15	2,65	2,65		4,2	7,5	8,5	5,9	10,9	15,6	1,35	2,51	3,60
	25	35	50		1,80	2,20	3,60		5,0	7,6	9,0	7,5	11,1	15,7	1,73	2,54	3,60
	25	35	71		1,75	2,15	4,00		5,5	7,9	9,2	8,3	11,0	15,6	1,91	2,52	3,58
	35	35	35		2,50	2,50	2,50		4,2	7,5	8,7	5,9	10,9	15,7	1,35	2,51	3,62
	35	35	50		2,10	2,10	3,45		5,1	7,7	9,1	7,5	11,1	15,7	1,73	2,54	3,61
	35	35	71		2,05	2,05	3,80		5,5	7,9	9,3	8,3	11,0	15,6	1,91	2,52	3,59
4x1 system	25	25	25	25	1,95	1,95	1,95	1,95	4,7	7,8	9,0	7,0	11,6	15,9	1,60	2,67	3,67
	25	25	25	35	1,85	1,85	1,85	2,25	4,7	7,8	9,1	7,0	11,6	16,0	1,60	2,67	3,68
	25	25	25	50	1,65	1,65	1,65	3,05	5,2	8,0	9,4	7,8	11,7	15,9	1,79	2,70	3,65
	25	25	35	35	1,75	1,75	2,15	2,15	4,8	7,8	9,3	7,0	11,6	16,1	1,6	2,68	3,69
	25	25	35	50	1,55	1,55	1,90	3,00	5,2	8,0	9,5	7,8	11,7	15,9	1,79	2,70	3,66
	25	35	35	35	1,70	2,05	2,05	2,05	5,1	7,9	9,4	7,7	11,6	16,1	1,77	2,67	3,70
	35	35	35	35	2,00	2,00	2,00	2,00	5,2	8,0	9,5	7,7	11,6	16,1	1,77	2,67	3,70

3x1 & 4x1 system INVERTER

Operation in heat pump

AOY80TI4	Indoor unit				Capacity of each unit (kW)				Total capacity (kW)			Absorbed intensity (A)			Consumption (kW)		
	1	2	3	4	1	2	3	4	Min.	Medium	Maximum	Min.	Medium	Maximum	Min.	Medium	Maximum
3 or 4 indoor units connected with only 1 in use	25				3,30				2,0	3,3	3,3	3,3	5,6	5,6	0,77	1,28	1,28
	30				4,00				2,0	4,0	4,0	3,2	7,3	7,3	0,74	1,68	1,68
	50				6,20				3,3	6,2	6,2	4,4	10,7	10,7	1,01	2,46	2,46
	71				8,20				3,8	8,2	8,2	5,0	13,9	13,9	1,16	3,20	3,20
3 or 4 indoor units connected with only 2 in use	25	25			3,30	3,30			3,1	6,6	6,6	4,0	10,0	10,0	0,92	2,30	2,30
	25	35			3,30	4,00			3,1	7,3	7,3	3,8	12,1	12,1	0,86	2,78	2,78
	25	50			2,89	5,70			3,7	8,6	9,2	4,3	11,8	14,1	0,98	2,72	3,24
	25	71			2,50	6,25			4,2	8,8	8,0	5,0	11,1	15,0	1,15	2,56	3,45
	35	35			4,00	4,00			3,6	8,0	8,0	4,7	13,0	13,0	1,08	3,0	3,0
	35	50			3,15	5,55			4,3	8,7	9,7	5,2	11,7	15,3	1,20	2,68	3,51
	35	71			2,70	6,05			4,9	8,8	10,3	6,1	11,0	15,1	1,41	2,53	3,47
3x1 system	25	25	25		2,95	2,95	2,95		3,8	8,9	9,6	5,0	13,1	16,0	1,14	3,02	3,69
	25	25	35		2,85	2,85	3,15		4,4	8,9	9,7	6,0	12,9	16,0	1,38	2,98	3,69
	25	25	50		2,40	2,40	4,75		5,3	9,6	11,0	6,7	12,6	16,0	1,54	2,89	3,69
	25	25	71		2,15	2,15	5,30		5,4	9,6	11,2	6,3	11,8	15,9	1,44	2,72	3,66
	25	35	35		2,80	3,15	3,15		4,4	9,1	9,9	5,9	13,7	16,0	1,37	3,15	3,69
	25	35	50		2,35	2,65	4,60		5,0	9,6	11,2	6,0	12,5	16,1	1,38	2,86	3,70
	25	35	71		2,10	2,30	5,20		5,4	9,6	11,5	6,2	11,7	15,8	1,43	2,70	3,63
	35	35	35		3,05	3,05	3,05		4,5	9,2	10,1	5,9	13,5	16,0	1,35	3,10	3,69
	35	35	50		2,50	2,50	4,50		5,0	9,5	11,2	5,9	12,3	15,9	1,37	2,84	3,66
	35	35	71		2,26	2,26	5,08		5,4	9,6	11,2	6,1	11,6	15,6	1,41	2,68	3,60
4 indoor units connected with only 3 in use	25	25	25		2,95	2,95	2,95		3,9	8,9	9,4	4,6	12,5	15,2	1,05	2,89	3,50
	25	25	35		2,85	2,85	3,20		4,5	8,9	9,7	5,4	12,4	16,0	1,25	2,84	3,67
	25	25	50		2,30	2,30	4,50		5,3	9,1	10,9	6,2	11,5	16,0	1,43	2,65	3,68
	25	35	35		2,80	3,10	3,10		4,5	9,0	10,2	5,3	12,2	16,1	1,23	2,80	3,70
	25	35	50		2,25	2,45	4,50		5,2	9,2	11,0	6,2	11,4	16,1	1,42	2,63	3,70
	25	35	35		3,05	3,05	3,05		4,6	9,2	10,3	5,3	12,0	16,1	1,22	2,76	3,70
4x1 system	25	25	25	25	2,30	2,30	2,30	2,30	5,5	9,2	10,9	6,5	11,8	16,0	1,49	2,72	3,69
	25	25	25	35	2,25	2,25	2,25	2,50	5,5	9,3	11,0	6,4	11,7	16,1	1,47	2,69	3,70
	25	25	25	50	1,85	1,85	1,85	3,75	6,2	9,3	11,2	7,4	11,1	15,7	1,69	2,55	3,60
	25	25	35	35	2,20	2,20	2,45	2,45	5,5	9,3	11,1	6,3	11,6	16,2	1,46	2,67	3,72
	25	25	35	50	1,80	1,80	2,05	3,65	6,2	9,3	11,2	7,3	11,0	15,5	1,68	2,53	3,57
	25	35	35	35	2,10	2,40	2,40	2,40	6,3	9,3	11,1	7,7	11,5	16,0	1,77	2,64	3,69
	35	35	35	35	2,33	2,33	2,33	2,33	6,3	9,3	11,2	7,6	11,4	16,1	1,75	2,62	3,70

APD9A-12A

24 hour TIMER Function:

Allows complete programming for the whole day.

Dehumidification Function:

Keeps a comfortable dampness and temperature level.

Four fan speeds:

High, Medium, Low and Automatic.

Auto Function:

According to the room temperature the unit selects its automatic mode for optimum comfort.

Control:

Remote control with LCD monitor.



Models

APD9A		APD12A	
Code	3NDA0065		3NDA0075
Price Ref.	311		329

Technical specifications

MODEL				APD9A		APD12A	
Cooling capacity		kcal/h		2250		3000	
		w		2616		3490	
Energy Efficiency Ratio (EER)				2,62		2,68	
Noise level	High	db(A)		50		52	
	Medium	db(A)		46		50	
	Low	db(A)		42		48	
Net dimensions	Width	mm		387		460	
	Depth	mm		456		325	
	Height	mm		830		840	
Net weight		kg		37		37	
Air flow	High			280		460	
	Medium			230		330	
	Low			180		200	
Voltage / phases		V/n°		220/2		220/2	
Power consumption		W		1000		1300	
Maximum starting current		A		23,7		21,7	
Operating current		A		5		5,9	
Refrigerant				R407C		R407C	

ADD12-20

Great dehumidifying capacity. Reduces dampness in the room and keeps inner air dry and comfortable. Silent Mode.

Ecological refrigerant to protect the atmosphere and to reduce pollution.

"DRY WASHING" Function. It can be used to avoid dampness on clothes and furnitures during rainy days.

Great capacity in drain tank.

Energy saving.



Models

ADD12		ADD18	
Code	3NDA0045		3NDA0055
Price Ref.	168		192

Technical specifications

MODEL				ADD12		ADD20	
Dehumidifying capacity		30°C, HR80%	l/day	12		20	
Tank capacity			l	6		6	
Air flow			m³/h	130		150	
Noise level			db(A)	43		44	
Net dimensions	Width	mm		380		380	
	Depth	mm		261,5		261,5	
	Height	mm		545		545	
Net weight		kg		12,5		14	
Voltage / phases			V/n°	220/2		220/2	
Power consumption	27°C, HR60%	w		220		290	
	30°C, HR80%	w		300		400	
Operating current	27°C, HR60%	A		1,1		1,6	
	30°C, HR80%	A		1,8		2	
Refrigerant				R134A		R134A	

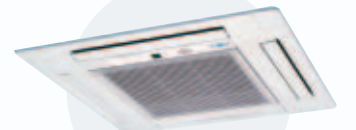
Features and design in perfect harmony

Offices, commercial premises, hotels... whatever the desired space Fujitsu places a wide range of air-conditioning units at your disposal. Unifying the most innovative features and the most elegant design, the new commercial range from Fujitsu provides exceptional performance and quality.

FUJITSU



Duct Inverter



Cassette Inverter



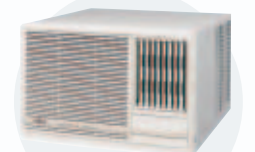
Wall Ceiling



Floor/Ceiling Inverter



Large Ceiling Inverter



Window

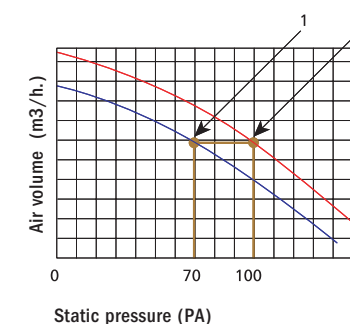
Duct Type. Optimum performance guaranteed

INVERTER

Regulation of static pressure

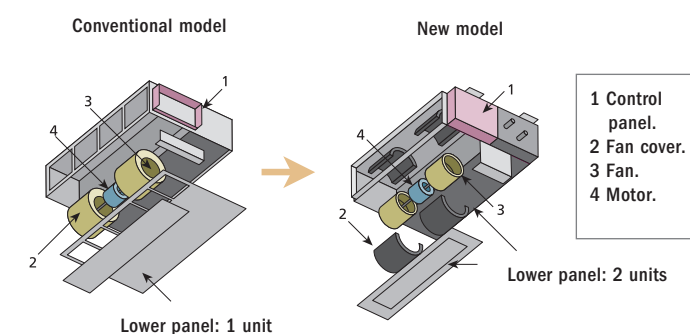
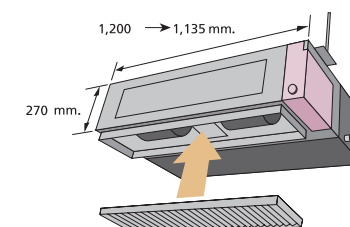
Thanks to its static pressure adjustment function, normal-average or lower static pressure can be chosen during installation, via the selector that is on the electrical panel.

1. Low static pressure level, mode 1 to 70 Pa (fan speed: high).
2. Medium static pressure level, airflow at 100 Pa (fan speed: high).



Ultra compact units

These low-profile models (21.7 cm in models of up to 5,400 W and 27 cm in models of up to 14,000 W) are also extremely compact as the junction box is built into the side of the unit.



More convenient maintenance

To facilitate the maintenance of the units as much as possible, the structure of the base has been divided into two pieces (front and rear). In addition, the position of the fan has also been developed in 2 pieces (one higher and one lower).

DC inverter, the smartest technology

Equipped with the DC inverter advanced technology, the new Fujitsu models provide extraordinary performance and ensure large savings in energy with regard to conventional models.



Everything within arm's reach

These models incorporate a new remote control with thermo sensor, which allows the temperature to be read from the control in an accurate manner. The use of the remote sensor makes it possible to control two areas of the house (day and night) with a single controller.

Outside electrical heater

The electronics board of these units allows external heater to be connected (optional) to operate in heating mode while the defrosting takes place.



Standard inlet and filters

The Fujitsu ducted models are equipped with standard return filters and a rectangular inlet (except high-pressure models). The circular inlet is optional.



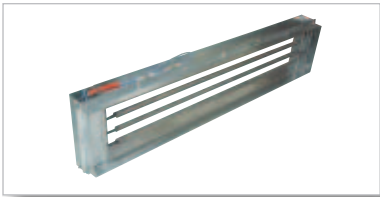
ACY35-50Ui



Versatility of installation.



Remote control with thermo sensor.



Outside electrical heater (optional).

Maximum installation versatility:

the Fujitsu direct impulsion models can be installed on either the floor or the ceiling.

Remote control with thermo sensor:

this allows the temperature to be read from the remote control in a more accurate way.

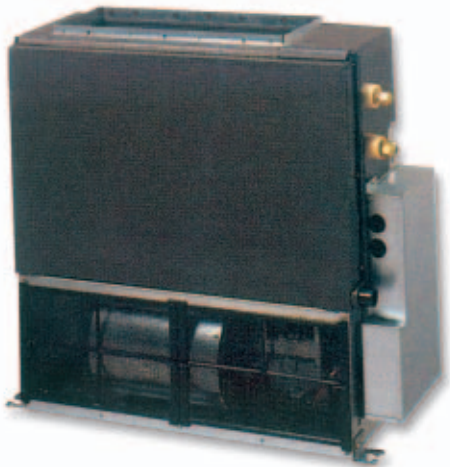
Outside electrical heater:

the electronics board allows an external heater to be connected (optional) to operate in heating mode while the defrosting takes place.

Technical specifications

MODEL			ACY35Ui	ACY40Ui	ACY50Ui
Cooling capacity		kcal/h	3010	3612	4472 (1720-5074)
		W	3500	4200	5200 (2000-5900)
Heating capacity		kcal/h	3440	4128	5332 (1720-6450)
		W	4000	4800	6200 (2000-7500)
Energy efficiency ratio (E.E.R.)	Cooling		3,04	3,07	3,06
	Heating		3,08	3,22	3,26
Power supply		V/n°/Hz	220/2/50	220/2/50	220/2/50
Power consumption (Cooling/Heating)		kW	1,15/1,30	1,37/1,49	1,70 / 1,90
Starting current		A	10	10	10
Running current (Cooling/Heating)		A	5,1/5,7	6,0/6,5	7,4 / 8,3
Electrical wiring			(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T
Electrical connection			3x1,5+T	3x1,5+T	3x1,5+T
Air flow processed (max-min)	Normal	m³/h	400/520	450/780	720/830
	Low	m³/h	430/580	480/780	760/830
Static pressure (max-min)	Normal	Pa	40/20	40/20	40/20
	Low	Pa	20/0	20/0	20/0
Noise level indoor unit ⁽¹⁾	High	dB (A)	34	40	38
	Medium	dB (A)	31	36	34
	Low	dB (A)	28	31	30
Noise level outdoor unit		dB (A)	49	49	50
Dimensions indoor unit	Width	mm	953	953	953
	Depth	mm	595	595	595
	Height	mm	217	217	217
Dimensions outdoor unit	Width	mm	830	830	830
	Depth	mm	320	320	320
	Height	mm	650	650	650
Net weight (Indoor U./Outdoor U.)		kg	25 / 54	25 / 54	25 / 54
Pipe size		inch.	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"
Piping lenght max. (Total/Height)		m	25/15	25/15	25/15
Refrigerant		type	R410A	R410A	R410A
Refrigerant charge		m	10	10	10
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43
	Heating	°C	-15 / +24	-15 / +24	-15 / +24

(1) Static pressure 0 Pa



ACY35-50Ui



ACY35-50Ui



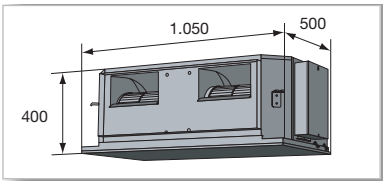
Models

NEW ACY35Ui INVERTER HEAT PUMP		NEW ACY40Ui INVERTER HEAT PUMP		ACY50Ui INVERTER HEAT PUMP
Code	3NGF8520	3NGF8525	3NGF8530	
Logistic reference indoor unit	ARY12L	ARY14L	ARY18LUAD	
Logistic reference outdoor unit	AOY12L	AOY14L	AOY18LMAKL	
Price ref.	1.108 (Ask for availability)	1.200 (Ask for availability)	1.267	

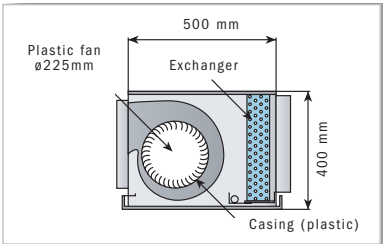
Accessories (see details on page 204)

SIMPLE WIRED REMOTE CONTROLLER		REMOTE SENSOR	EXTERIOR ELECTRICAL HEATER	PUMP CONDENSATE
Code	3NGF...	4JAG0027	4JAG0024	4JB00003
Price ref.	81	70	194	To consult

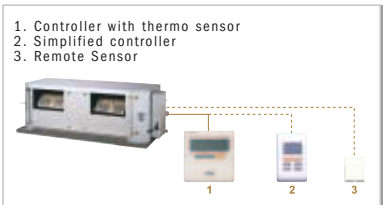
ACY125H-140Ui



Easy installation.



Low sound level.



Remote control with thermo sensor.

Technical specifications

MODEL			ACY125HUi	ACY140Ui
Cooling capacity	kcal/h		10750 (2580-12040)	12040 (5504-13330)
	W		12500 (3000-14000)	14000 (6400-15500)
Heating capacity	kcal/h		12040 (2580-13760)	13760 (5848-15480)
	W		14000 (3000-16000)	16000 (6800-18000)
Energy efficiency ratio (E.E.R.)	Cooling		2,98	2,55
	Heating		3,68	3,33
Power supply	V/n°/Hz		220/2/50	220/2/50
Power consumption (Cooling/Heating)	kW		4,20/3,80	5,50/4,70
Starting current	A		15	15
Running current (Cooling/Heating)	A		18,3 / 16,6	24,2 / 20,0
Electrical wiring			(0.U.) 2x4+T	(0.U.) 2x4+T
Electrical connection			3x1,5+T	3x1,5+T
Air flow processed (min-max)	Normal	m³/h	2460/3500	2460/3500
	Low	m³/h	-	-
Static pressure (max-min)	Normal	Pa	250/100	250/100
	Low	Pa	-	-
Noise level indoor unit ⁽¹⁾	High	dB (A)	49	49
	Medium	dB (A)	46	46
	Low	dB (A)	42	42
Noise level outdoor unit		dB (A)	54	54
Dimensions indoor unit	Width	mm	1050	1050
	Depth	mm	500	500
	Heigth	mm	400	400
Dimensions outdoor unit	Width	mm	900	900
	Depth	mm	330	330
	Heigth	mm	1290	1290
Net weight (Indoor U./Outdoor U.)	kg		50/98	50/98
Pipe size	inch.		3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)	m		70/30	70/30
Refrigerant	type		R410A	R410A
Refrigerant charge	m		20	20
Operating range	Cooling	°C	0 / +43	0 / +43
	Heating	°C	-15 / +24	-15 / +24

(1) Static pressure 100 Pa.

Easy installation:

thanks to the small size of the interior unit and the use of lighter materials.

Low noise level:

the new compact design of the appliances allows the internal air pressure to be uniformly distributed, considerably reducing the noise level.

Remote control with thermo sensor:

this allows the temperature to be read from the remote control in a more accurate way. The use of the remote sensor makes it possible to control two areas of the house (day and night) with a single controller.



ACY125H/140Ui
(High pressure)



ACY125H / 140Ui



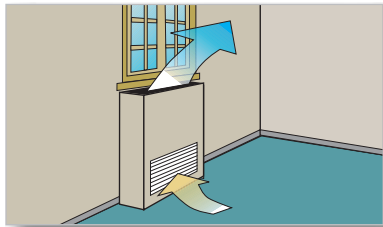
Modelos

ACY125HUi INVERTER HEAT PUMP		ACY140Ui INVERTER HEAT PUMP
Code	3NGF8550	3NGF8560
Logistic reference indoor unit	ARY45LUAK	ARY54LUAK
Logistic reference outdoor unit	AOY45LBYL	AOY54LJAYL
Price ref.	2.561	2.780

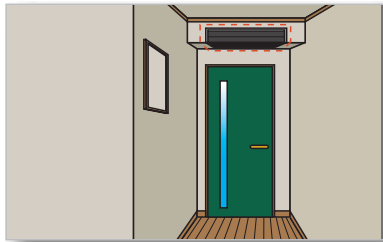
Accessories (see details on page 204)

SIMPLE WIRED REMOTE CONTROLLER		REMOTE SENSOR	PUMP CONDENSATE
Code	3NGF...	4JAG0027	4JB00003
Price ref.	81	70	To consult

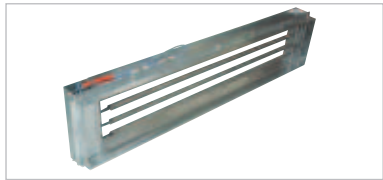
ACY25-50U/F



Maximum discretion of floor installation.



Example of ceiling installation.



Outside electrical heater.

Technical specifications

MODEL			ACY25U	ACY35U	ACY50U	ACY35F	ACY40F	ACY50F
Cooling capacity	kcal/h		2322	3010	4644	3010	3612	4644
	W		2700	3500	5400	3500	4200	5400
Heating capacity	kcal/h		2666	3440	5160	---	---	---
	W		3100	4000	6000	---	---	---
Energy efficiency ratio (E.E.R.)	Cooling		2,81	2,82	2,81	2,82	3,02	2,66
	Heating		3,23	3,3	3,21	---	---	---
Power supply	V/n°/Hz		220/2/50	220/2/50	220/2/50	220/2/50	220/2/50	220/2/50
Power consumption (Cooling/Heating)	kW		0,96/0,96	1,24/1,21	1,92/1,87	1,24/-	1,39/-	2,03/-
Starting current	A		21	30	39	29	29	39
Running current (Cooling/Heating)	A		4,4/4,5	5,5/5,4	8,8/8,7	5,5 /-	6,3/-	9,0/-
Electrical wiring			(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T
Electrical connection			6x1,5+T	6x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Air flow processed	Normal	m³/h	360/390	360/500	600/1000	360/500	520/630	600/1000
	Low	m³/h	400/450	400/450	600/810	400/500	560/640	600/810
Static pressure available (max-min)	Normal	Pa	40/20	40/20	70/0	40/20	40/20	70/0
	Low	Pa	20/0	20/0	60/0	20/0	20/0	60/0
Noise level indoor unit (Free departure)	High	dB (A)	35	29	43	29	26	43
	Medium	dB (A)	33	28	40	28	25	40
	Low	dB (A)	31	27	36	27	24	36
Noise level outdoor unit		dB (A)	48	49	52	49	49	52
	Width	mm	663	953	953	953	953	953
	Depth	mm	595	595	595	595	595	595
Dimensions indoor unit	Height	mm	217	217	217	217	217	217
	Width	mm	750	750	830	750	750	830
	Depth	mm	250	250	320	250	250	320
Dimensions outdoor unit	Height	mm	530	530	650	530	530	650
	Net weight (Indoor U./Outdoor U.)	kg	18/30	25/34	25/52	25/34	25/35	25/47
Pipe size	Inch.		1/4"-3/8"	1/4"-3/8"	1/4"-5/8"	1/4"-3/8"	1/4"-1/2"	1/4"-5/8"
Piping lenght max. (Total/Height)	m		15/8	15/8	20/8	15/8	15/8	20/8
Refrigerant	type		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge	m		7,5	7,5	7,5	7,5	7,5	7,5
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C	-7 / +24	-7 / +24	-7 / +24			

Versatile installation:

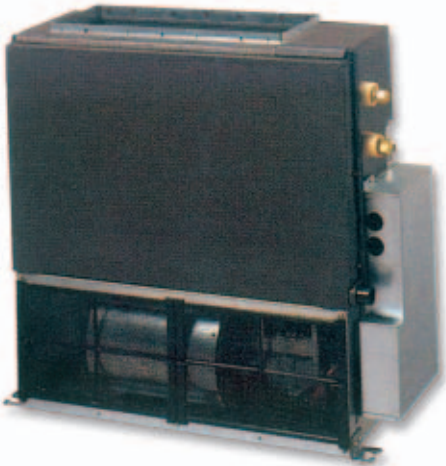
this is ideal for a lounge/dining room or bedrooms and hotels, as it can be discretely installed in ceilings and on floors.

Energy Save:

they are fitted with the Energy save function that allows the performance of the unit to be optimised and thus provide a considerable energy saving.

Outside electrical heater:

the electronics board allows an external heater to be connected (optional) to operate in heating mode while the defrosting takes place.



ACY25/35/40/50U/F



ACY25/35/40U/F



ACY50U/F



(mod. ACY_U)



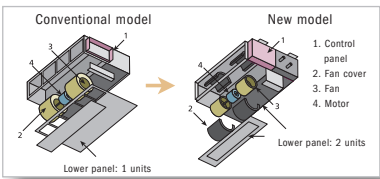
Models

	ACY25U HEAT PUMP	ACY35U HEAT PUMP	ACY50U HEAT PUMP	ACY35F COOLING ONLY	ACY40F COOLING ONLY	ACY50F COOLING ONLY
Code	3NGF5440	3NGF5460	3NGF5510	3NGF4990	3NGF5005	3NGF5020
Logistic reference indoor unit	ARY9UUAB	ARY12UUAD	ARY18UUAD	ARY12FUAD	ARY14FUAD	ARY18FUAD
Logistic reference outdoor unit	AOY9USAJL	AOY12USAJL	AOY18UNDKL	AOY12FSAJ	AOY14FSDJ	AOY18FNDK
Price ref.	962	1.000	1.152	950	1.025	1.094

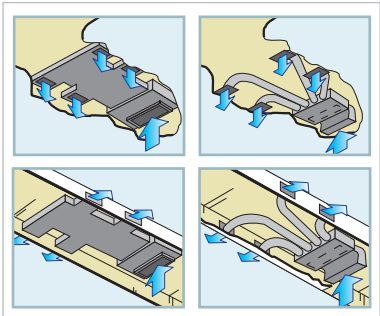
Accessories (see details on page 204)

	SIMPLE WIRED REMOTE CONTROLLER	REMOTE SENSOR	EXTERIOR ELECTRICAL 35/40/50 HEATER	PUMP CONDENSATE
Code	3NGF...	4JAG0027	4JAG0024	4JB00003
Price ref.	81	70	194	To consult

ACY71-80 U/F



Easy maintenance.



Example of insertion and suspension from the ceiling respectively.

Control zone function:

a single controller allows up to 16 units to be connected, requiring a single instruction to operate all of them at the same time.

Easy maintenance:

access to all components is very simple thanks to the division of the structure into several parts.

Maximum versatility:

the Fujitsu conduit units have several options that allow easy installation. The air return can be vertical or horizontal and there are two outlets (one on each side) allowing you to choose the best option for installation.

Technical specifications

MODEL			ACY71U	ACY80U	ACY71F	ACY80F
Cooling capacity		kcal/h	6020	7225	6063	7225
		W	7000	8400	7050	8400
Heating capacity		kcal/h	6622	8170	---	---
		W	7700	9500	---	---
Energy efficiency ratio (E.E.R.)	Cooling		2,64	2,81	2,71	2,81
	Heating		3,3	3,61	---	---
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW	2,65/2,33	2,99/2,63	2,60/-	2,99/-
Starting current		A	60	70	60	70
Running current (Cooling/Heating)		A	11,8/10,5	14/12,4	11,5/-	14/-
Electrical wiring			(0.U.) 2x4+T	(0.U.) 2x4+T	(0.U.) 2x4+T	(0.U.) 2x4+T
Electrical connection			3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Air flow processed (min-max)	Normal	m³/h	670/1440	850/1800	670/1440	850/1800
	Low	m³/h	950/1280	1240/1600	950/1280	1240/1800
Static pressure available (max-min)	Normal	Pa	150/30	150/30	150/30	150/30
	Low	Pa	100/30	100/30	100/30	100/30
Noise level indoor unit (Free departure)	High	dB (A)	38	40	38	40
	Medium	dB (A)	36	38	36	38
	Low	dB (A)	34	36	34	36
Noise level outdoor unit		dB (A)	53	53	53	53
Dimensions indoor unit	Width	mm	1135	1135	1135	1135
	Depth	mm	700	700	700	700
	Height	mm	270	270	270	270
Dimensions outdoor unit	Width	mm	830	900	830	900
	Depth	mm	320	330	320	330
	Height	mm	650	830	650	830
Net weight (Indoor U./Outdoor U.)		kg	43/59	43/69	43/58	43/68
Pipe size		Inch.	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)		m	25/15	30/15	25/15	30/15
Refrigerant		type	R410A	R410A	R410A	R410A
Refrigerant charge		m	7,5	7,5	7,5	7,5
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C	-7 / +24	-7 / +24		



ACY71/80U/F



ACY71U/F



ACY80U/F

Models

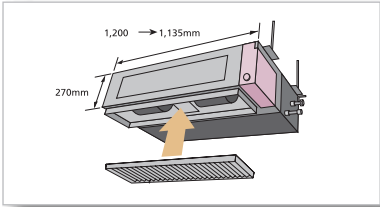
	ACY71U HEAT PUMP	ACY80U HEAT PUMP	ACY71F COOLING ONLY	ACY80F COOLING ONLY
Code	3NGF5535	3NGF5545	3NGF5035	3NGF5045
Logistic reference indoor unit	ARY25UUAN	ARY30UUAN	ARY25FUAN	ARY30FUAN
Logistic reference outdoor unit	AOY25UNAKL	AOY30UNBWL	AOY25FNAKL	AOY30FNBWL
Price ref.	1.637	1.857	1.555	1.764

Accessories (see details on page 204)

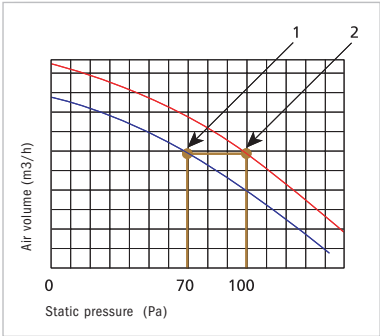
	SIMPLE WIRED REMOTE CONTROLLER	REMOTE SENSOR	EXTERIOR ELECTRICAL HEATER	PUMP CONDENSATE
Code	3NGF...	4JAG0027	4JAG0025	4JB00003
Price ref.	81	70	221	To consult



ACY100-125T/U/UT/FT



Compact design.



Adjustment of static pressure (R410A models).

Compact design:

these low-profile models (height 27 cm) are also extremely compact as the junction box is incorporated into the side of the unit.

Adjustment of static pressure:

either normal-medium static pressure or low static pressure may be chosen through the adjustment of the selector on the electronics board (R410A models).

Self diagnostics:

the remote controller allows you to check the self diagnostics of the apparatus, making any possible error easy to find.

Ventilation:

it is possible to incorporate an outside air intake for ventilation as well as a horizontal or vertical return.

Technical specifications

MODEL			ACY100T	ACY100U	ACY100UT	ACY125UT	ACY100FT	ACY125FT
Cooling capacity	kcal/h		8944	9030	9030	10922	9030	10922
	W		10400	10500	10500	12700	10500	12700
Heating capacity	kcal/h		9116	10922	10922	12300	—	—
	W		10600	12700	12700	14300	—	—
Energy efficiency ratio (E.E.R.)	Cooling		2,42	2,92	2,96	2,9	2,81	2,9
	Heating		3,07	3,48	3,48	3,25	—	—
Power supply	V/n°/Hz		230/1/50	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50
Power consumption (Cooling/Heating)	kW		4,30/3,45	3,60/3,65	3,55/3,65	4,38/4,40	3,74/-	4,38/-
Starting current	A		105	*	37	67	37	67
Running current (Cooling/Heating)	A		20,5/16,5	16/16,5	6/6,2	7,6/7,5	6,3/-	7,6/-
Electrical wiring			(0.U.) 2x6+T	(0.U.) 2x6+T	(0.U.) 3x2,5+N+T	(0.U.) 3x2,5+N+T	(0.U.) 3x2,5+N+T	(0.U.) 3x2,5+N+T
Electrical connection			3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Air flow processed (min-max)	Normal	m³/h	1600/2000	1120/2200	1120/2200	1120/2290	1120/2200	1120/2290
	Low	m³/h	-	1580/2020	1580/2020	1680/2140	1580/2020	1680/2140
Static pressure available (max-min)	Normal	Pa	160/30	150/30	150/30	150/30	150/30	150/30
	Low	Pa	-	100/30	100/30	100/30	100/30	100/30
Noise level indoor unit (Free departure)	High	dB (A)	47	43	43	44	43	44
	Medium	dB (A)	45	41	41	42	41	42
	Low	dB (A)	43	39	39	40	39	40
Noise level outdoor unit		dB (A)	56	54	54	54	54	54
Dimensions indoor unit	Width	mm	1210	1135	1135	1135	1135	1135
	Depth	mm	700	700	700	700	700	700
	Height	mm	270	270	270	270	270	270
Dimensions exterior unit	Width	mm	940	900	900	900	900	900
	Depth	mm	370	330	330	330	330	330
	Height	mm	1152	1165	1165	1165	1165	1165
Net weight (Indoor U./Outdoor U.)		kg	45/100	43/80	43/94	45/113	43/80	45/109
Pipe size		Inch.	3/8"-3/4"	3/8"-5/8"	3/8"-5/8"	3/8"-3/4"	3/8"-5/8"	3/8"-3/4"
Piping lenght max. (Total/Height)		m	50/30	50/30	50/30	50/30	50/30	50/30
Refrigerant		type	R407C	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		m	20	20	20	20	20	20
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C	-12/ +21	-10 / +24	-10 / +24	-10 / +24		

*Information unavailable at the publication time of this catalogue

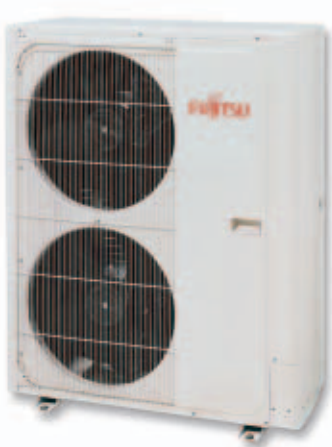


ACY100T



ACY100/125T/U/UT/FT

ACY100/125T/U/UT/FT



ACY100T



ACY100/125U/UT/FT

Models

	ACY 100 T HEAT PUMP	ACY 100 U HEAT PUMP	ACY 100 UT HEAT PUMP	ACY 125 UT HEAT PUMP	ACY 100 FT COOLING ONLY	ACY 125 FT COOLING ONLY
Code	3NGF5660	3NGF5665	3NGF5565	3NGF5585	3NGF5065	3NGF5085
Logistic reference indoor unit	ARY36TLAA	ARY36UUAN	ARY36UUAN	ARY45UUAN	ARY36FUAN	ARY45FUAN
Logistic reference outdoor unit	AOY36TPAFL	AOY36UMAXL	AOY36UNAXT	AOY45UMAXT	AOY36FNAXT	AOY45FMAXT
Price ref.	2.076	2.076 (Ask for availability)	2.076	2.342	1.972	2.225

Accessories (see details on page 204)

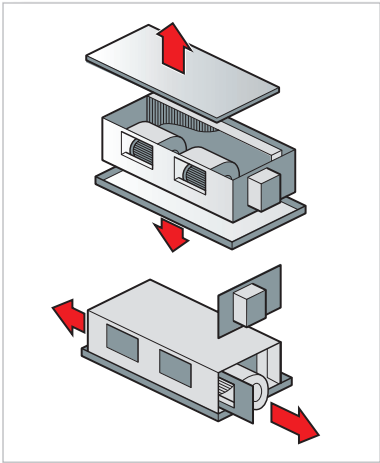
	SIMPLE WIRED REMOTE CONTROLLER	REMOTE SENSOR	EXTERIOR ELECTRICAL HEATER	PUMP CONDENSATE
Code	3NGF...	4JAG0027	4JAG00025	4JB00003
Price ref.	81	70	221	To consult



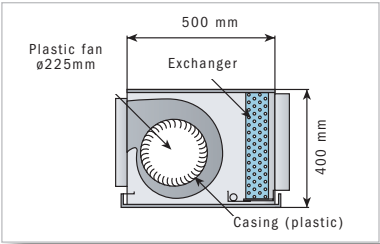
(mod. ACY_T/U/UT)



ACY170-250TT/UT/AT/FT



Easy access and maintenance (ACY250).



Low sound level.

Ease of maintenance:

maintenance of the appliances is very easy as checks can be made at the top, bottom, right or left of the unit (ACY250).

Accessibility:

the exterior unit can also be positioned in service lifts and access to the compressor is easy via the front cover (ACY250).

Low sound level:

the new compact design of the appliances allows the internal air pressure to be uniformly distributed, considerably reducing the noise level.

Technical specifications

MODEL			ACY170UT	ACY250TT	ACY170AT	ACY170FT	ACY250AT
Cooling capacity	kcal/h		14190	21330	14620	14190	21330
	W		16500	24800	17000	16500	24800
Heating capacity	kcal/h		16770	24850	—	—	—
	W		19500	28900	—	—	—
Energy efficiency ratio (E.E.R.)	Cooling		2,72	2,03	2,74	2,78	2,31
	Heating		3,54	2,37	—	—	—
Power supply	V/n°/Hz		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Power consumption (Cooling/Heating)	kW		6,06/5,54	12,2/12,2	6,2/-	5,93/-	11,0/-
Starting current	A		70	94	79	70	94
Running current (Cooling/Heating)	A		10,2/9,8	19,5/19,5	10,1/-	10,2/-	18/-
Electrical wiring			(0.U.) 3x4+N+T	3x6+N+T	(0.U.) 3x4+N+T	(0.U.) 3x4+N+T	3x6+N+T
Electrical connection			3x1,5+T	(3x1,5+T)+3x2,5	3x1,5+T	3x1,5+T	(3x1,5+T)+3x2,5
Airflow processed (min-max)	m³/h		2000/3500	4300/5000	2000/4000	3500/2000	4300/5000
Static pressure available (min-max)	Pa		100/250	100/300	80/300	100/250	100/300
Noise level indoor unit	High	dB (A)	49	—	49	49	—
	Medium	dB (A)	45	49	45	45	49
	Low	dB (A)	42	—	42	42	—
Noise level outdoor unit		dB (A)	54	59	59	54	59
Dimensions indoor unit	Width	mm	1050	1550	1050	1050	1550
	Depth	mm	500	700	500	500	700
	Height	mm	400	450	400	400	450
Dimensions outdoor unit	Width	mm	900	1300	940	900	1300
	Depth	mm	330	650	370	330	650
	Height	mm	1290	1380	1355	1290	1380
Net weight (Indoor U./Outdoor U.)	kg		50/118	85/245	50/116	50/114	85/243
Pipe size	Inch.		3/8"-3/4"	1/2"-1 1/8"	3/8"-3/4"	3/8"-3/4"	1/2"-1 1/8"
Piping lenght max. (Total/Height)	m		50/30	50/30	50/30	50/30	50/30
Refrigerant	type		R410A	R407C	R407C	R410A	R407C
Refrigerant charge	m		30	30	20	20	30
Operating range	Cooling	°C	0 / +43	0 / +46	0 / +43	0 / +43	0 / +43
	Heating	°C	-10 / +24	-10 / +21	—	—	—



ACY250TT/AT



ACY170/250TT/AT



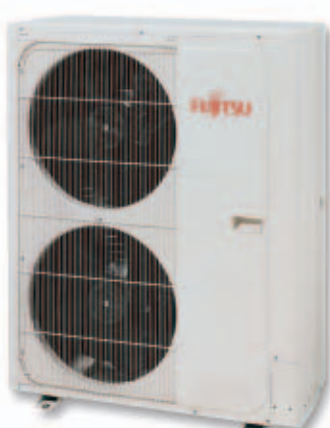
ACY170UT/FT/AT



ACY170UT/FT



ACY250TT/AT



ACY170AT



ACY170UT/FT

Models

	ACY170UT HEAT PUMP	ACY250TT HEAT PUMP	ACY170AT COOLING ONLY	ACY170FT COOLING ONLY	ACY250AT COOLING ONLY
Code	3NGF5605	3NGF5595	3NGF5090	3NGF5105	3NGF5095
Logistic reference indoor unit	ARY60UUAK	ARY90TLC3	ARY60EUAK	ARY60FUAK	ARY90ELC3
Logistic reference outdoor unit	AOY60UMAYT	AOY90TDC3L	AOY60EPAGT	AOY60FMAYT	AOY90EPD3L
Price ref.	2.772	4.571	2.633	2.633	4.342

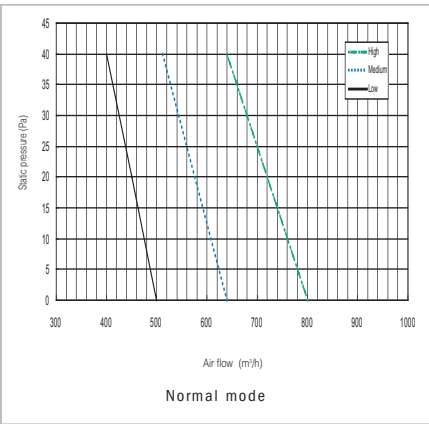
Accessories (see details on page 204)

	SIMPLE WIRED REMOTE CONTROLLER	REMOTE SENSOR	PUMP CONDENSATE
Code	3NGF...	4JAG0027	4JB00003
Price ref.	81	70	To consult

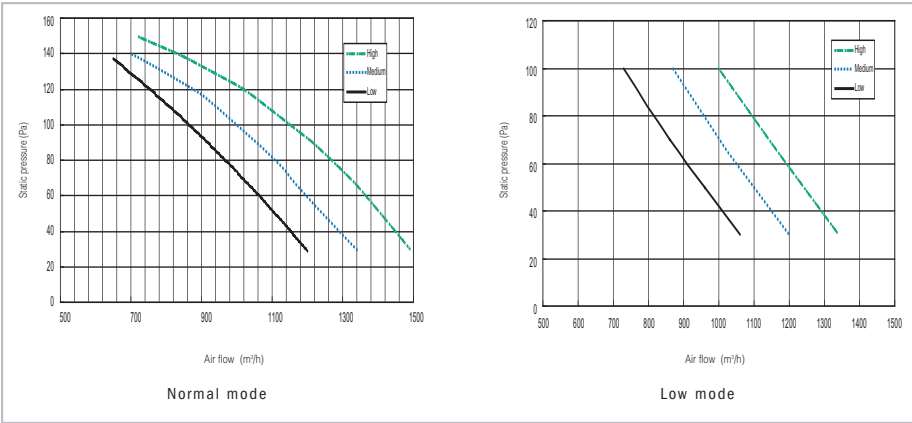


Static pressure/Fan curve (I)

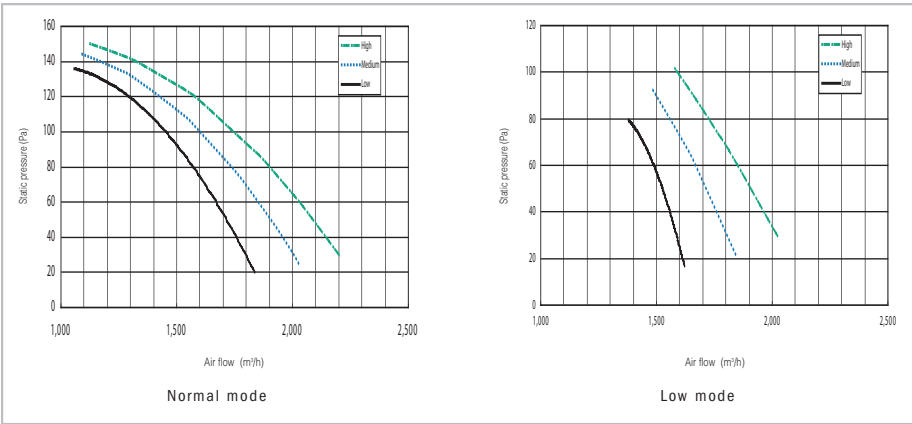
ACY 50 UI



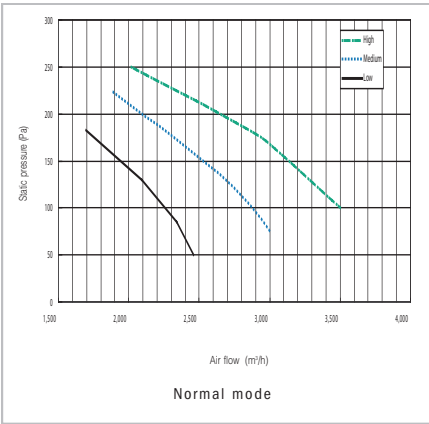
ACY 71 UI



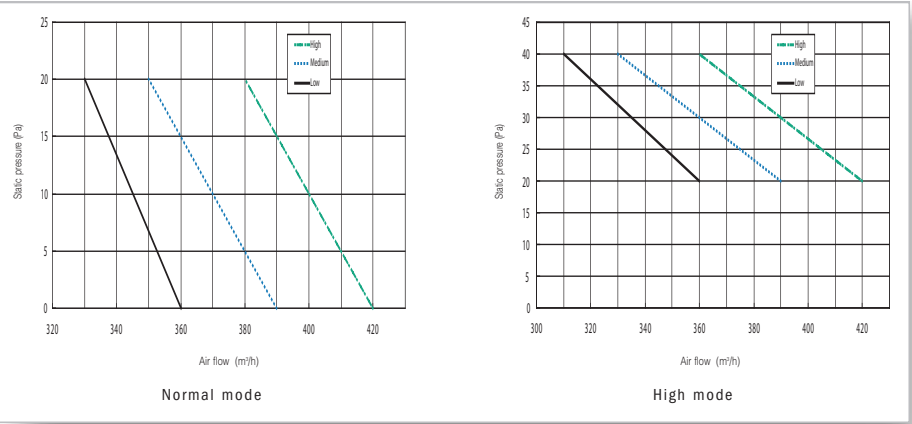
ACY 80/100 UI



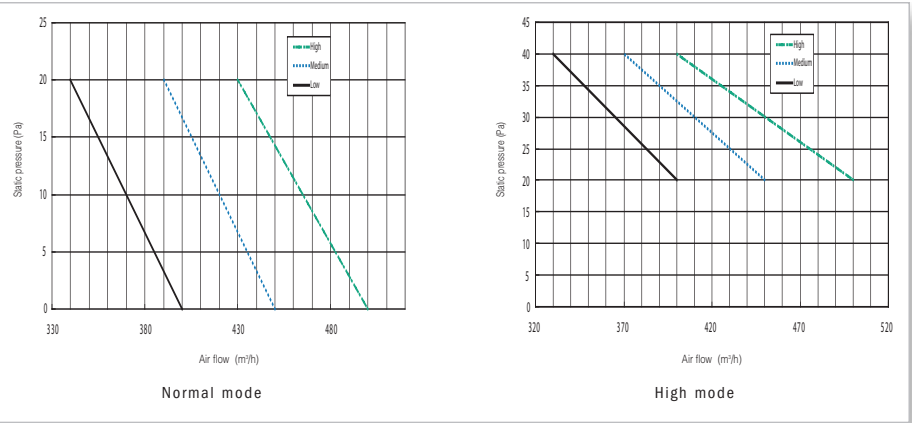
ACY 125 H / 140 UI



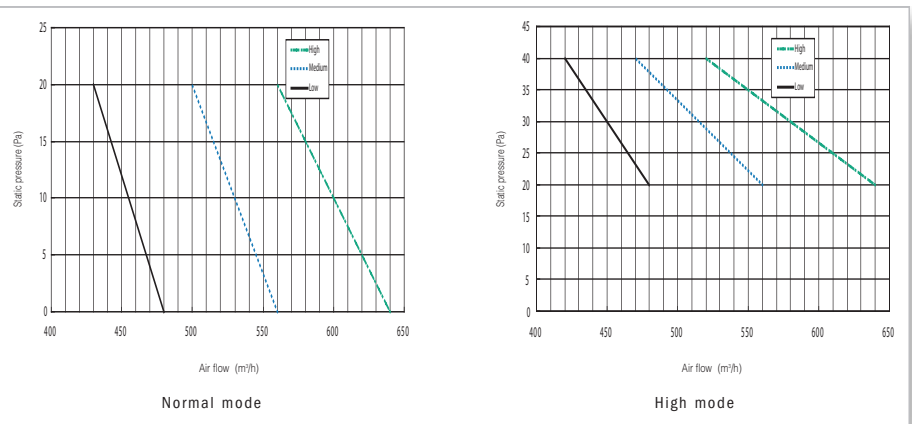
ACY 25 U



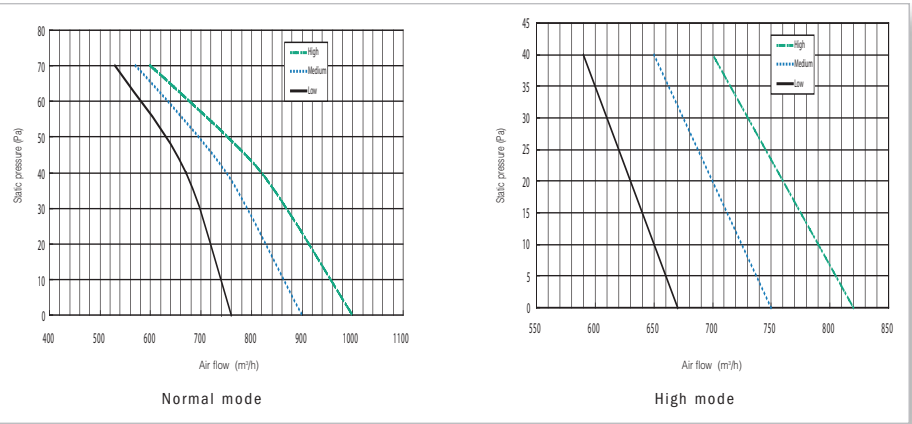
ACY 35 U/F



ACY 40 F

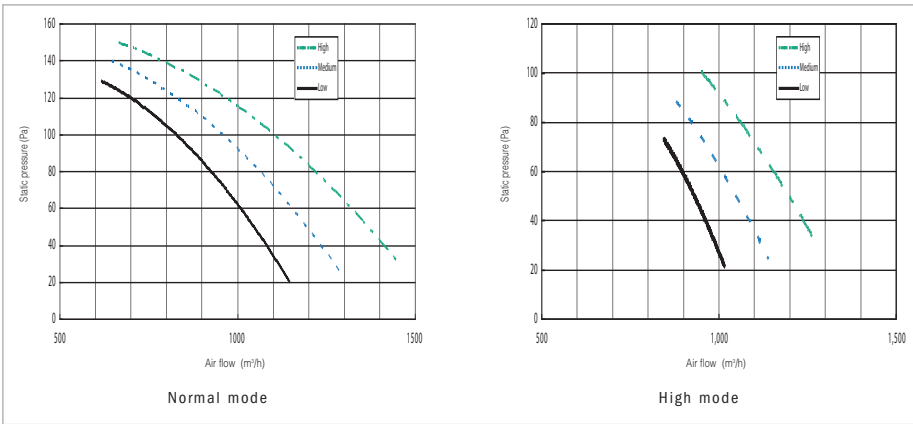


ACY 50 U/F

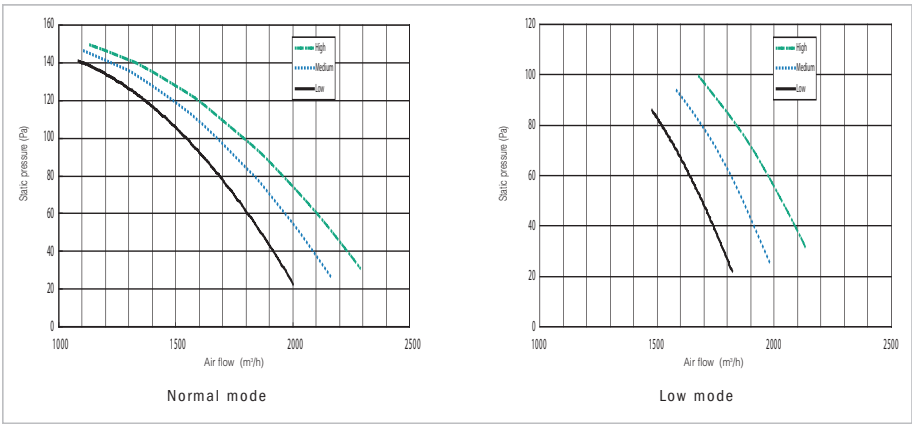


Static pressure/Fan curve (II)

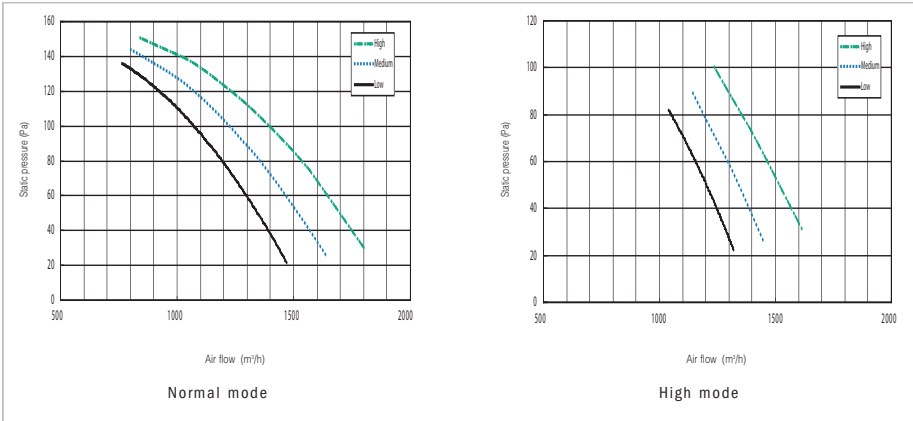
ACY 71 U/F



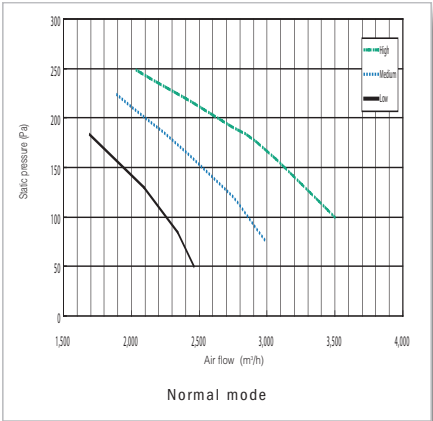
ACY 125 U/F



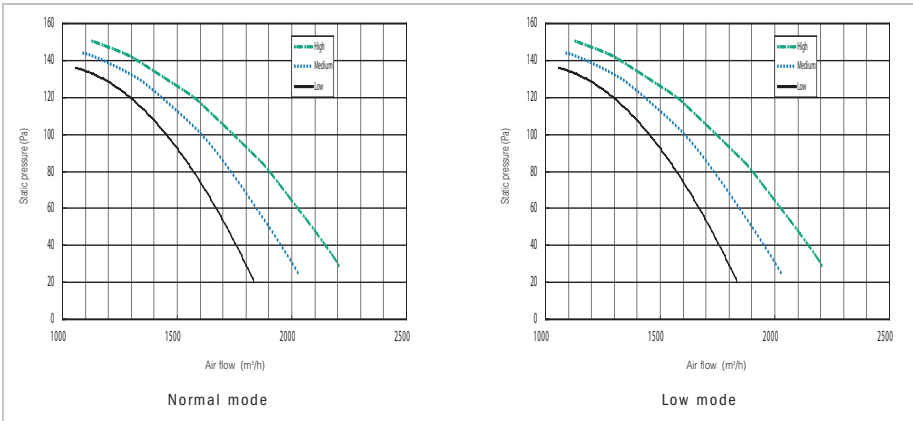
ACY 80 U/F



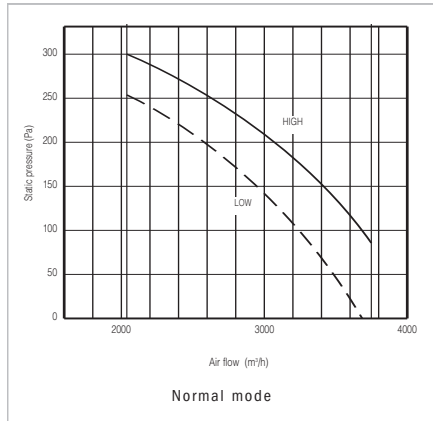
ACY 170 U/F



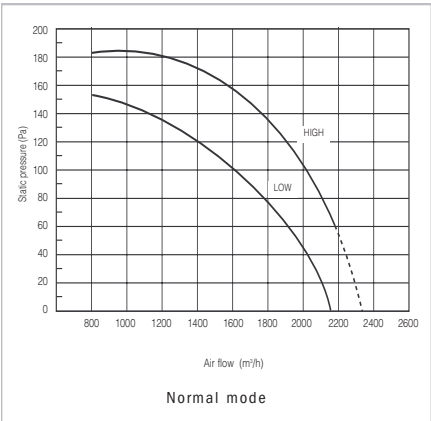
ACY 100 U/F



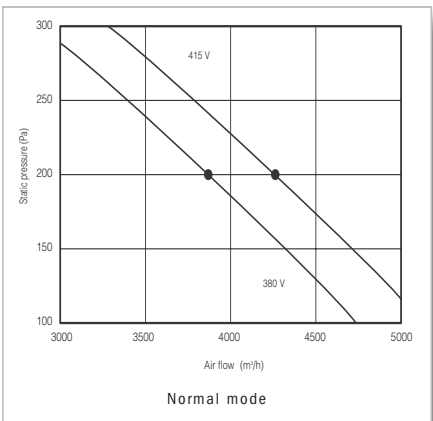
ACY 170 TT



ACY 100 TT



ACY 250 AT/TT

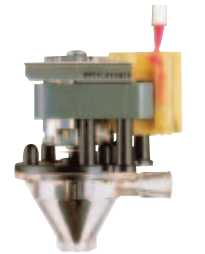
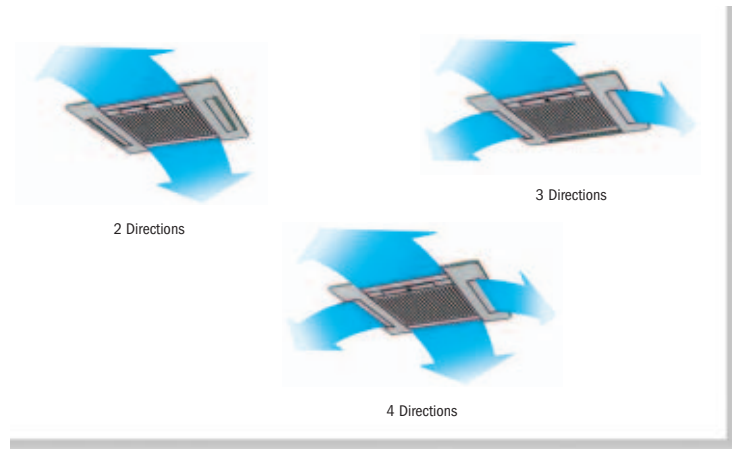


Cassette. Maximum flexibility

INVERTER

Efficient distribution of air

In order to be able to adapt to the shape of the room to be conditioned, the Fujitsu cassette units are able to configure the air impulsion in two, three or four different directions and thus achieve uniform air conditioning.

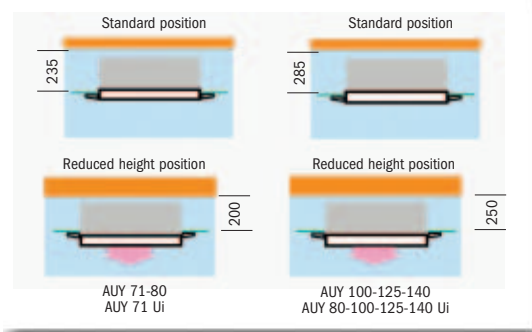


Water lifter

A series of water lifters are included (up to 800 mm) to discharge the condensation water

The versatility of the movable rosette

Thanks to the movable rosette, the machines can be adapted to a false ceiling with a lower height. All cassettes over 7,000 W can be installed in a standard position or in an ultra-small position, saving up to 3.5 cm of false ceiling height.



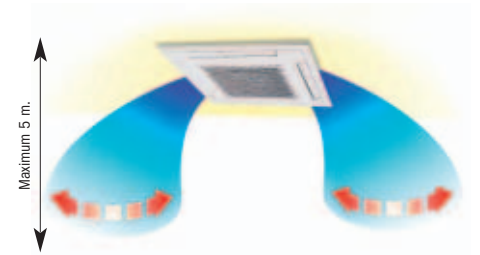
Controller with thermo sensor

These models incorporate a new remote control with thermo sensor, which allows the temperature to be read from the controller in an accurate manner.



Air flow direction and auto swing

The unit can make a sweep using its deflector slats to air-condition the premises more quickly. The direction of the sweep as well as the auto swing function can be selected by using the remote control.



Convenient access and easy maintenance

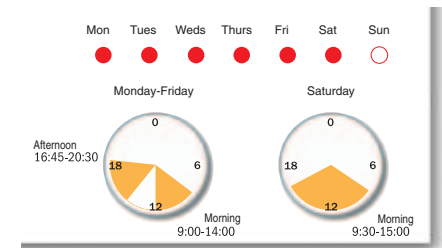
The control panel is easily accessible for maintenance tasks. There are also long-lasting filters which can be easily dismantled for cleaning.



Weekly programming control

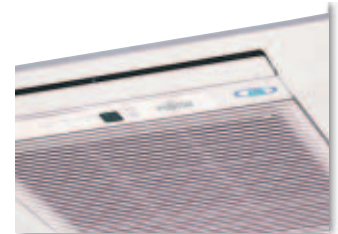
Models with a movable rosette incorporate weekly programming control that allows on and off programming up to twice a day. Functions:

- Programming of different operating schedules each day.
- On and off programming twice a day.
- Set the time in periods of five minutes.
- Cancellation of operation on a specific day (public holiday).



Automatic closing of the slats

The slats open and close automatically when the unit is turned on and off respectively. This leaves the apparatus with a flat appearance and prevents dust getting inside.

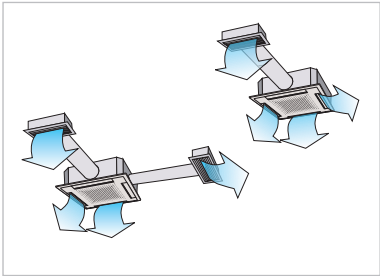


Condition an adjacent room

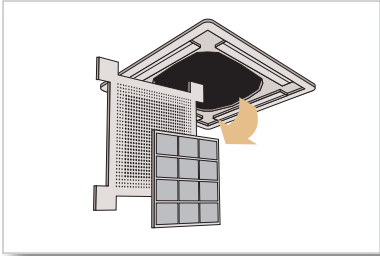
An adjacent room can be conditioned using the cassette units by connecting one or two flexible conduits with a length of five metres.



AUY35-50Ui



Possibility of air redistribution.



Easy access and maintenance.

Minimum height:

they only require a false ceiling of 25 cm for installation. They are ideal for offices, rooms or shops. The rosette coincides with the standard measurements of the European panel (650x650 mm).

Condensate pump:

standard pump that allows condensate water to be discharged up to 400 mm.

Long-lasting filters:

can be dismantled for easier cleaning.

External air contribution:

outside fresh air can be introduced by connecting a conduit to the unit. This is especially useful in public premises that hold a lot of people.

Technical specifications

MODEL			AUY35Ui	AUY40Ui	AUY50Ui
Cooling capacity		kcal/h	3010	3440	4042
		W	3500	4000	4700
Heating capacity		kcal/h	3440	3956	4128
		W	4000	4600	4800
Energy efficiency ratio (E.E.R.)	Cooling		3,02	2,96	2,85
	Heating		2,92	2,82	2,81
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW	1,16/1,37	1,36/1,63	1,65/1,71
Starting current		A	10	10	10
Running current (Cooling/Heating)		A	5,10/6,0	6,0/7,1	7,2/7,5
Electrical wiring			(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T
Electrical connection			3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)	42	42	44
	Medium	dB (A)	39	39	41
	Low	dB (A)	36	36	37
Noise level outdoor unit		dB (A)	49	49	50
Dimensions indoor unit	Width	mm	580 (650)	580 (650)	580 (650)
	Depth	mm	580 (650)	580 (650)	580 (650)
	Height	mm	235 (35)/250	235 (35)/250	235 (35)/250
Dimensions outdoor unit	Width	mm	830	830	830
	Depth	mm	320	320	320
	Height	mm	650	650	650
Net weight (Indoor U./Outdoor U.)		kg	18+2,2 / 54	18+2,2 / 54	18+2,2 / 54
Pipe size		Inch.	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"
Piping lenght max. (Total/Height)		m	25/15	25/15	25/15
Refrigerant		type	R410A	R410A	R410A
Refrigerant charge		m	10	10	10
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43
	Heating	°C	-15 / +24	-15 / +24	-15 / +24



AUY35/40/50Ui



AUY35/40/50Ui



INVERTER

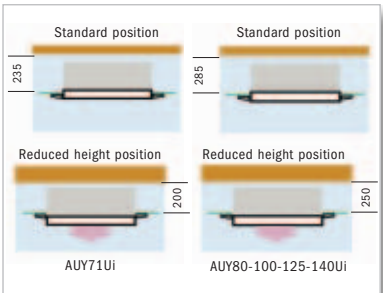
Models

	NEW AUY35Ui INVERTER HEAT PUMP	NEW AUY40Ui INVERTER HEAT PUMP	AUY50Ui INVERTER HEAT PUMP
Code	3NGF8420	3NGF8425	3NGF8430
Logistic reference indoor unit	AUY12L	AUY14L	AUY18LBAB
Logistic reference outdoor unit	AOY12L	AOY14L	AOY18LMAKL
Price ref.	1.225	1.530	1.647

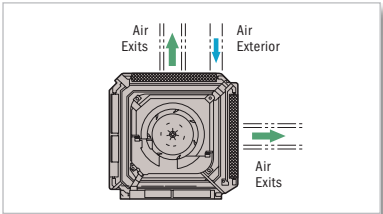
AUY71-140Ui



Remote controller with temperature sensor (thermo sensor).



Reduced high units.



External fresh air contribution.

Remote control with thermo sensor:

this allows the temperature to be read from the remote control in a more accurate way.

Condensate pump:

standard pump that allows condensate water to be discharged up to 800 mm.

Reduced height:

the Fujitsu cassette units with a movable rosette can be installed in a false ceiling with a reduced height of up to 200 mm.

Energy save function:

this optimises the unit's performance by adjusting the thermostat 1°C every 60 minutes with the entailing energy saving.

Technical specifications

MODEL				AUY71Ui	AUY80Ui	AUY100Ui	AUY125Ui	AUY140Ui
Cooling capacity	kcal/h			6106 (1720-6880)	7310 (2580-8600)	8600 (4300-9632)	10750 (2580-12040)	11438 (5504-12470)
	W			7100 (2000-8000)	8500 (3000-10000)	10000 (5000-11200)	12500 (3000-14000)	13300 (6400-14500)
Heating capacity	kcal/h			6708 (1720-7740)	8600 (2580-9632)	9632 (4816-11352)	12040 (2580-13760)	13760 (5848-14190)
	W			7800 (2000-9000)	10000 (3000-11200)	11200 (5600-13200)	14000 (3000-16000)	16000 (6800-16500)
Energy efficiency ratio (E.E.R.)	Cooling			2,81	2,70	2,41	2,81	2,44
	Heating			3,25	3,64	3,61	3,54	3,23
Power supply	V/n°/Hz			230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)	kW			2,53/2,40	3,15/2,75	4,15/3,10	4,45/3,95	5,45/4,95
Starting current	A			10	10	10	15	15
Running current (Cooling/Heating)	A			11,1/10,5	13,5/12,1	17,5/13,5	19,5/17,3	23,8/21,6
Electrical wiring				(0.U.) 2x4+T	(0.U.) 2x4+T	(0.U.) 2x4+T	(0.U.) 2x4+T	(0.U.) 2x4+T
Electrical connection				3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		46	48	48	49	51
	Medium	dB (A)		44	44	44	47	49
	Low	dB (A)		39	41	41	43	46
Noise level outdoor unit		dB (A)		50	53	53	54	54
Dimensions indoor unit	Width	mm		830 (940)	830 (940)	830 (940)	830 (940)	830 (940)
	Depth	mm		830 (940)	830 (940)	830 (940)	830 (940)	830 (940)
	Height	mm		246 (30)/200	296 (30)/250	296 (30)/250	296 (30)/250	296 (30)/250
Dimensions outdoor unit	Width	mm		830	900	900	900	900
	Depth	mm		320	330	330	330	330
	Height	mm		650	830	830	1290	1290
Net weight (Indoor U./Outdoor U.)	kg			34/54	34/70	34/70	40/105	40/105
Pipe size	Inch.			3/8"-5/8"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)	m			25/15	50/30	50/30	70/30	70/30
Refrigerant	type			R410A	R410A	R410A	R410A	R410A
Refrigerant charge	m			10	10	20	20	20
Operating range	Cooling	°C		0 / +43	-10/+43	-10/+43	-15/+43	-15/+43
	Heating	°C		-15 / +24	-15 / +24	-15/+24	-15/+24	-15/+24



AUY71/80/100/125/140Ui



AUY71Ui



AUY80/100Ui



AUY125/140Ui

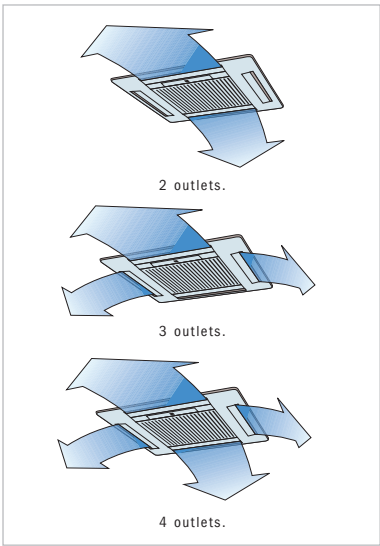


(except mod. AUY71ui)

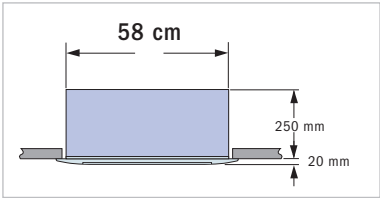
Models

	AUY71Ui INVERTER HEAT PUMP	AUY80Ui INVERTER HEAT PUMP	AUY100Ui INVERTER HEAT PUMP	AUY125Ui INVERTER HEAT PUMP	AUY140Ui INVERTER HEAT PUMP
Code	3NGF8435	3NGF8440	3NGF8445	3NGF8450	3NGF8455
Logistic reference indoor unit	AUY24LUAR	AUY30LUAS	AUY36LUAS	AUY45LUAS	AUY54L
Logistic reference outdoor unit	AOY24LMAKL	AOY30LMAWL	AOY36LMAWL	AOY45LJBYL	AOY54L
Price ref.	1.886	2.076	2.457	2.686	3.331

AUY35-50U/F



Air impulsion system with 2, 3 or 4 outlets.



Minimum height.

Air impulsion system from 2 to 4 channels:

the air-conditioning can be adapted to the shape of the room by channelling the air in 2, 3 or 4 directions.

Wireless remote control:

an ergonomic remote controller with a large display that allows the different features of the unit to be controlled in a functional mode.

Condensate pump:

standard pump that allows condensate water to be discharged up to 400 mm.

Minimum height:

they only require a false ceiling of 25 cm for installation. They are ideal for offices, rooms or shops. The rosette coincides with the standard measurements of the European panel (650x650 mm).

Technical specifications

MODEL				AUY35U	AUY40U	AUY50U	AUY35F	AUY40F	AUY50F
Cooling capacity		kcal/h		3053	3397	4171	3096	3526	4300
		W		3550	3950	4850	3600	4100	5000
Heating capacity		kcal/h		3440	3956	4644	—	—	—
		W		4000	4600	5400	—	—	—
Energy efficiency ratio (E.E.R.)	Cooling			2,86	2,82	2,62	2,9	2,95	2,63
	Heating			3,31	3,24	2,7	—	—	—
Power supply		V/n°/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		1,24/1,21	1,40/1,42	1,85/2,00	1,24/-	1,39/-	1,90/-
Starting current		A		30	31	39	30	31	39
Running current (Cooling/Heating)		A		5,5/5,4	6,3/6,3	8,2/9,2	5,5/-	6,3/-	8,5/-
Electrical wiring				(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 3x2,5+T	(0.U.) 3x2,5+T	(0.U.) 3x2,5+T
Electrical connection				2x2,5+3x1,5+T	2X2,5+3x1,5+T	6x1,5+T	5x1,5+T	5x1,5+T	5x1,5+T
Noise level indoor unit	High	dB (A)		42	42	44	42	42	44
	Medium	dB (A)		39	39	41	39	39	41
	Low	dB (A)		36	36	37	36	36	37
Noise level outdoor unit		dB (A)		49	49	52	49	49	52
Dimensions indoor unit	Width	mm		580(650)	580(650)	580(650)	580(650)	580(650)	580(650)
	Depth	mm		580(650)	580(650)	580(650)	580(650)	580(650)	580(650)
	Height	mm		235(35)/250	235(35)/250	235(35)/250	235(35)/250	235(35)/250	235(35)/250
Dimensions outdoor unit	Width	mm		750	750	830	750	750	830
	Depth	mm		250	250	320	250	250	320
	Height	mm		530	530	650	530	530	650
Net weight (Indoor U./Outdoor U.)		kg		18+2,2/34	18+2,2/35	18+2,2/52	18+2,2/34	18+2,2/35	18+2,2/47
Pipe size		Inch.		1/4"-3/8"	1/4"-1/2"	1/4"-1/2"	1/4"-3/8"	1/4"-1/2"	1/4"-1/2"
Piping lenght max. (Total/Height)		m		20/8	20/8	20/8	20/8	20/8	20/8
Refrigerant		type		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		m		7,5	7,5	7,5	7,5	7,5	7,5
Operating range	Cooling	°C		0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C		-7/ +24	-7/ +24	-7/ +24	-	-	-



AUY35/40/50U/F



(mod. AUY_U)



AUY35/40U/F



AUY50U/F

Models

	AUY35U HEAT PUMP	AUY40U HEAT PUMP	AUY50U HEAT PUMP	AUY35F COOLING ONLY	AUY40F COOLING ONLY	AUY50F COOLING ONLY
Code	3NGF4645	3NGF4665	3NGF4520	3NGF4145	3NGF4165	3NGF4025
Logistic reference indoor unit	AUY12UBAB	AUY14UBAB	AUY18UBAB	AUY12FBAB	AUY14FBAB	AUY18FBAB
Logistic reference outdoor unit	AOY12USAJL	AOY14USDJL	AOY18UNCKL	AOY12FSAJ	AOY14FSDJ	AOY18FNCKL
Price ref.	1.114	1.391	1.495	1.048	1.276	1.409

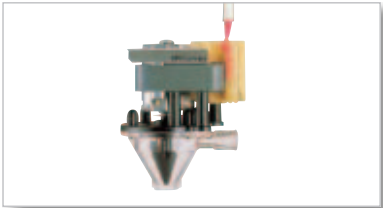
AUY71-80U/F



Remote controller with temperature sensor (thermo sensor).



Automatic swing function.



Standard condensate pump (up to 800 mm of water level difference).

Remote control with thermo sensor:

this allows the temperature to be read from the remote control in a more accurate way.

Reduced height:

the cassette units with a movable rosette can be installed in a false ceiling with a reduced height of up to 200 mm.

Comfort air-conditioning:

the automatic swing allows conditioned air to be correctly distributed, providing a uniform temperature throughout the room.

Technical specifications

MODEL				AUY71U	AUY80U	AUY71F	AUY80A	AUY80F
Cooling capacity		kcal/h		6020	7225	6063	7310	7225
		W		7000	8400	7050	8500	8400
Heating capacity		kcal/h		6708	8170	—	—	—
		W		7800	9500	—	—	—
Energy efficiency ratio (E.E.R.)	Cooling			2,64	2,85	2,71	2,38	2,85
	Heating			3,32	3,42	—	—	—
Power supply		V/n°/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		2,65/2,35	2,95/2,78	2,60/-	3,53/-	2,95/-
Starting current		A		60	70	60	90	70
Running current (Cooling/Heating)		A		11,8/10,5	13,6/13,1	11,5/-	16,9/-	13,8/-
Electrical wiring				(0.U.) 2x4+T	(0.U.) 22x4+T	(0.U.) 22x4+T	(0.U.) 22x4+T	(0.U.) 22x4+T
Electrical connection				3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		44	46	44	46	46
	Medium	dB (A)		42	44	42	44	44
	Low	dB (A)		38	41	39	41	41
Noise level outdoor unit		dB (A)		53	53	53	54	53
Dimensions indoor unit	Width	mm		830(940)	830(940)	830(940)	830(940)	830(940)
	Depth	mm		830(940)	830(940)	830(940)	830(940)	830(940)
	Height	mm		246(30)/200	246(30)/200	246(30)/200	245(30)/200	246(30)/200
Dimensions outdoor unit	Width	mm		830	900	830	900	900
	Depth	mm		320	330	320	350	330
	Height	mm		650	830	650	900	830
Net weight (U.Indoor/U. Outdoor)		kg		34+6,5/59	34+6,5/69	34+6,5/58	34+6,5/77	34+6,5/68
Pipe size		Inch.		3/8"-5/8"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)		m		25/15	30/15	25/15	30/15	30/15
Refrigerant		type		R410A	R410A	R410A	R407C	R410A
Refrigerant charge		m		7,5	7,5	7,5	7,5	7,5
Operating range	Cooling	°C		0 / +43	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C		-7/ +24	-7/ +24	-	-	-



AUY71/80U/F



AUY71U/F



AUY80U/F



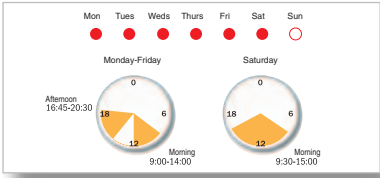
AUY80A

Models

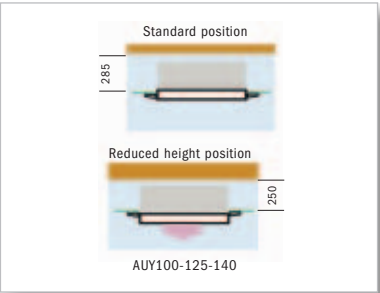
	AUY71U HEAT PUMP	AUY80U HEAT PUMP	AUY71F COOLING ONLY	AUY80A COOLING ONLY	AUY80F COOLING ONLY
Code	3NGF4425	3NGF4445	3NGF4225	3NGF4240	3NGF4245
Logistic reference indoor unit	AUY25UUAR	AUY30UUAR	AUY25FUAR	AUY30ELBW	AUY30FUAR
Logistic reference outdoor unit	AOY25UNAKL	AOY30UNBWL	AOYFNAKT	AOY30EMBL	AOY30FNBWL
Price ref.	1.714	1.886	1.562	1.724	1.724



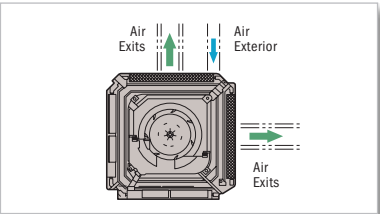
AUY100-140UT/FT



Weekly programmer.



Reduced height installation.



External fresh air contribution.

Weekly programmer:

this allows weekly operational programming, as well as pre-setting the turning on and turning off of the unit up to twice a day.

Controller with thermo sensor:

this allows the temperature to be read from the remote control in a more accurate way.

Condensate pump:

standard pump that allows condensate water to be discharged (up to 800 mm of water level difference).

Easy maintenance:

the controller is easily accessible for maintenance tasks and the long-lasting filters can be easily dismantled for cleaning.

External air contribution:

outside fresh air can be introduced by connecting a conduit to the unit. This is especially useful in public premises that hold a lot of people.

AUY100/125/140UT/FT/AT



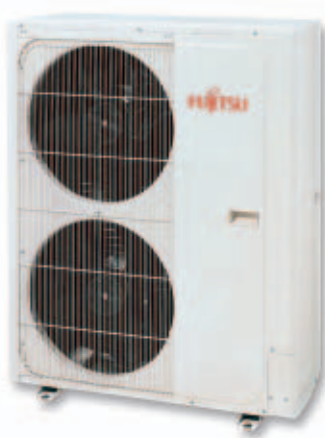
AUY125AT



AUY100-140UT/FT

Technical specifications

MODEL			AUY100UT	AUY125UT	AUY140UT	AUY100FT	AUY125AT	AUY125FT	AUY140FT
Cooling capacity	kcal/h		9030	10922	12470	9030	10922	10922	12470
	W		10500	12700	14500	10500	12700	12700	14500
Heating capacity	kcal/h		10148	12298	14190	---	---	---	---
	W		11800	14300	16500	---	---	---	---
Energy efficiency ratio (E.E.R.)	Cooling		3,02	2,9	2,81	2,84	2,65	2,90	2,81
	Heating		3,23	3,26	3,11	---	---	---	---
Power supply	V/n°/Hz		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Power consumption (Cooling/Heating)	kW		3,48/3,65	4,38/4,40	5,16/5,30	3,70/-	4,76/-	4,38/-	5,16/-
Starting current	A		37	67	70	37	66	67	70
Running current (Cooling/Heating)	A		5,9/6,2	7,7/7,7	9,5/9,5	6,2/-	8,6/-	7,7/-	9,5/-
Electrical wiring			(0.U.) 3x 2,5+N+T	(0.U.) 3x 2,5+N+T	(0.U.) 3x 2,5+N+T	(0.U.) 3x 2,5+N+T	(0.U.) 3x 2,5+N+T	(0.U.) 3x 2,5+N+T	(0.U.) 3x 2,5+N+T
Electrical connection			3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)	48	49	52	48	49	49	52
	Medium	dB (A)	44	47	48	44	47	47	48
	Low	dB (A)	41	43	45	41	43	43	45
Noise level outdoor unit		dB (A)	54	54	54	54	59	54	54
Dimensions indoor uni	Width	mm	830 (940)	830 (940)	830 (940)	830 (940)	830 (940)	830 (940)	830 (940)
	Depth	mm	830 (940)	830 (940)	830 (940)	830 (940)	830 (940)	830 (940)	830 (940)
	Height	mm	296 (30)/250	296 (30)/250	296 (30)/250	296 (30)/250	296 (30)/250	296 (30)/250	296 (30)/250
Dimensions outdoor unit	Width	mm	900	900	900	900	940	900	900
	Depth	mm	330	330	330	330	370	330	330
	Height	mm	1165	1165	1290	1165	1152	1165	1290
Net weight (Indoor U./Outdoor U.)	kg		34+6,5/94	40+6,5/113	40+6,5/118	34+6,5/80	40+6,5/102	40+6,5/109	40+6,5/114
Pipe size	Inch.		3/8"-5/8"	3/8"-3/4"	3/8"-3/4"	3/8"-5/8"	3/8"-3/4"	3/8"-3/4"	3/8"-3/4"
Piping lenght max. (Total/Height)	m		50/30	50/30	50/30	50/30	50/30	50/30	50/30
Refrigerant	type		R410A	R410A	R410A	R410A	R407C	R410A	R410A
Refrigerant charge	m		20	20	20	20	20	20	20
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C	-10/ +24	-10/ +24	-10/ +24	-	-	-	-



AUY125AT



AUY100/125/140FT/UT

Models

	AUY100UT HEAT PUMP	AUY125UT HEAT PUMP	AUY140UT HEAT PUMP	AUY100FT HEAT PUMP	AUY125AT COOLING ONLY	AUY125FT COOLING ONLY	AUY140FT COOLING ONLY
Code	3NGF4465	3NGF4485	3NGF4595	3NGF4265	3NGF4280	3NGF4285	3NGF4295
Logistic reference indoor unit	AUY36UUAS	AUY45UUAS	AUY54UUAS	AUY36FUAS	AUY45ELB3W	AUY45FUAS	AUY54FUAS
Logistic reference outdoor unit	AOY36UNAXT	AOY45UMAXT	AOY54UMAYT	AOY36FNAXT	AOY45EPA3L	AOY45FMAXT	AOY54FMAYT
Price ref.	2.238	2.438	2.810	2.010	2.219	2.219	2.572



Wall ceiling. Better quality air

A design full of benefits

The Fujitsu wall ceiling units offer unbeatable aesthetics as the air return located at the rear is hidden from view once the unit is installed. This leaves these models with a flat front and an elegant rounded shape. This air inlet layout improves comfort by offering a greater airflow and reducing noise.

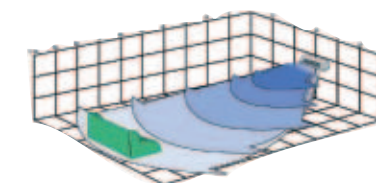


Perfect for every room

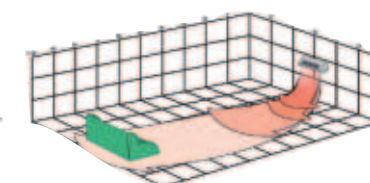
Less friction, more force of air

The upper location of the air inlet reduces air friction.

This considerably increases the force of the airflow and the distance reached (up to 10 m).



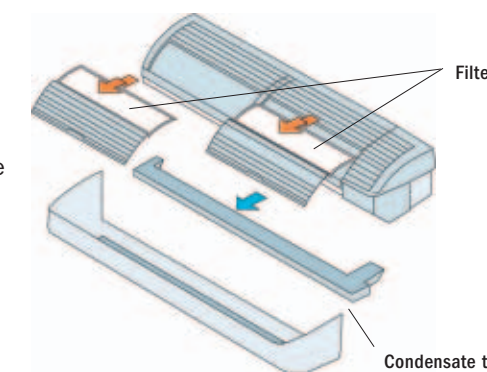
Cool operation



Thermal operation

Convenient maintenance

The wall ceiling units offer simple extraction of the condensate tray and easy access to the long-lasting filters.



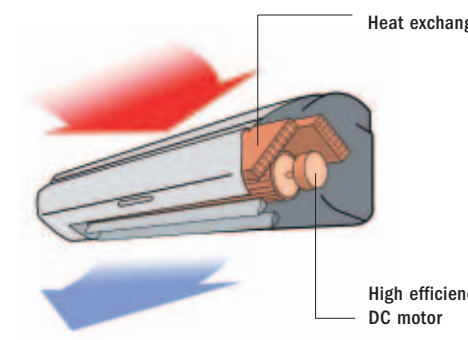
Simpler installation

The Fujitsu wall ceiling units come with a template similar to the wall models, making installation a lot easier. The outlet tubing also offers greater flexibility as it can be installed on the left or the right.

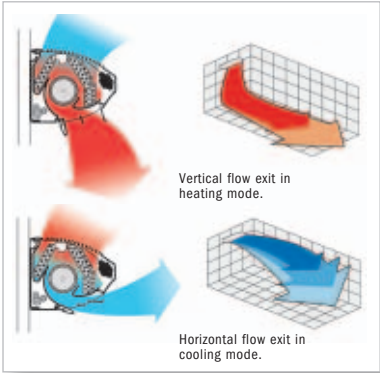


100% efficient

The DC motor of these models offers greater performance which improves its efficiency ratio. Elsewhere, the lambda-shape design of the battery provides a greater air exchange service, achieving the desired temperature in less time.



AWY71-80Ui



Comfortable air flow.



High efficiency and minimum noise level.



Elegant and exclusive design.

Technical specifications

MODEL				AWY71Ui	AWY80Ui
Cooling capacity		kcal/h		5848 (1720-6880)	6880 (1720-7396)
		W		6800 (2000-8000)	8000 (2000-8600)
Heating capacity		kcal/h		6020 (1720-7740)	7310 (1720-8600)
		W		7000 (2000-9000)	8500 (2000-10000)
Energy efficiency ratio (E.E.R.)	Cooling			3,21	2,63
	Heating			3,61	3,02
Power supply		V/n°/Hz		230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		2,12/1,94	3,04/2,81
Starting current		A		10	10
Running current (Cooling/Heating)		A		9,3/8,5	13,3/12,3
Electrical wiring				(O.U.) 2x4+T	(O.U.) 2x4+T
Electrical connection				2x2,5+1X1,5+T	2x2,5+1X1,5+T
Noise level indoor unit	High	dB (A)		47	47
	Medium	dB (A)		43	43
	Low	dB (A)		40	40
	Superquiet	dB (A)		37	37
Noise level outdoor unit		dB (A)		53	53
Dimensions indoor unit	Width	mm		1150	1150
	Depth	mm		285	285
	Height	mm		270	270
Dimensions outdoor unit	Width	mm		900	900
	Depth	mm		350	350
	Height	mm		900	900
Net weight (Indoor U./Outdoor U.)		kg		16/70	16/70
Pipe size		Inch.		3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)		m		25/15	25/15
Refrigerant		type		R410A	R410A
Refrigerant charge		m		10	10
Operating range	Cooling	°C		0 / +43	0 / +43
	Heating	°C		-15/ +24	-15/ +24

New flow impulsion system:

vertical in heating pump mode and horizontal in cooling mode, generating a comfortable environment that avoids possible uncomfortable direct currents.

High efficiency and minimum noise level:

the entry of air through the top allows the noise level to be reduced and increases the air impulsion current (up to 10 m), leading to maximum performance.

Ease of maintenance:

easy access to the long-lasting filters for cleaning purposes and an extractable and washable condensate tray.



AWY71/80Ui



AWY71/80Ui

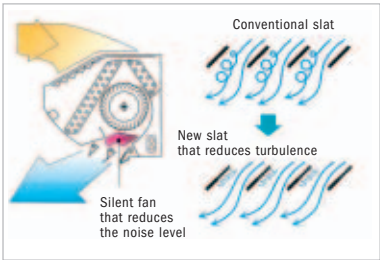


INVERTER

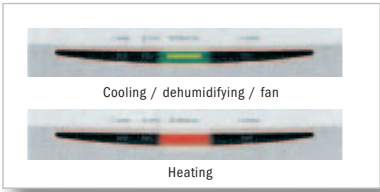
Models

	AWY71Ui INVERTER HEAT PUMP	AWY80Ui INVERTER HEAT PUMP
Code	3NGF8075	3NGF8080
Logistic reference indoor unit	AWY24LBAJ	AWY30LBAJ
Logistic reference outdoor unit	AOY24LMAL	AOY30LMAL
Price ref.	1.353	2.219

AWY40-80U



Low noise level.



Operating display indicator



Maximum discretion and elegance.

High performance and DC motor:

the lambda shape achieves a greater air exchange surface, reaching the desired temperature in less time.

Low noise level and maximum discretion:

it exclusive and elegant design, featuring hidden grilles and air entry at the top, notably reduces the noise level of the air-conditioning unit. It also has a luminous display showing the operation of the appliance.

Ease of maintenance:

through the easy extraction of the condensate tray and accessibility to the filter system.

Automatic vertical and horizontal fan:

the layout of the vertical and horizontal slats, as well as automatic adjustment, allow the air impulsion angle to be modified, preventing stratification and achieving optimum air-conditioning in a short space of time.

Technical specifications

MODEL			AWY40U	AWY50U	AWY71U	AWY80U
Cooling capacity	kcal/h		3615	4645	5850	6795
	W		4200	5400	6800	7900
Heating capacity	kcal/h		3955	4905	6365	7225
	W		4600	5700	7400	8400
Energy efficiency ratio (E.E.R.)	Cooling		2,90	2,92	2,83	2,87
	Heating		3,59	3,08	3,08	3,05
Power supply	V/n°/Hz		230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)	kW		1,45/1,28	1,85/1,85	2,40/2,40	2,75/2,75
Starting current	A		31	39	60	70
Running current (Cooling/Heating)	A		6,5/5,7	8,3/8,3	10,6/10,5	13,0/13,0
Electrical wiring			(I.U.) 2x2,5+T	(O.U.) 2x2,5+T	(O.U.) 2x4+T	(O.U.) 2x4+T
Electrical connection			2x2,5+2x1,5+T	2x2,5+3x1,5+T	6x1,5+T	6x1,5+T
Noise level indoor unit	High	dB (A)	37	39	43	46
	Medium	dB (A)	35	36	40	44
	Low	dB (A)	32	33	36	41
Noise level outdoor unit		dB (A)	50	52	52	54
Dimensions indoor unit	Width	mm	1150	1150	1150	1150
	Depth	mm	285	285	285	285
	Height	mm	270	270	270	270
Dimensions outdoor unit	Width	mm	750	830	830	900
	Depth	mm	250	320	320	350
	Height	mm	530	650	650	900
Net weight (Indoor U./Outdoor U.)	kg		16/35	16/52	16/59	16/74
Pipe size	Inch.		1/4"-1/2"	1/4"-5/8"	3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)	m		15/8	20/8	20/8	25/15
Refrigerant	type		R410A	R410A	R410A	R410A
Refrigerant charge	m		7,5	7,5	7,5	7,5
Operating range	Cooling	°C	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C	-7/ +24	-7/ +24	-7/ +24	-7/ +24



AWY40/50/71/80U



AWY40U

AWY50/71U

AWY80U

Models

	AWY40U HEAT PUMP	AWY50U HEAT PUMP	AWY71U HEAT PUMP	AWY80U HEAT PUMP
Code	3NGF2630	3NGF2640	3NGF2650	3NGF2660
Logistic reference indoor unit	AWY14UBBJ	AWY18UBBJ	AWY24UBBJ	AWY30UBBJ
Logistic reference outdoor unit	AOY14USBJ	AOY18UNBKL	AOY24UNBKL	AOY30UNBDL
Price ref.	828	962	1.152	1.962

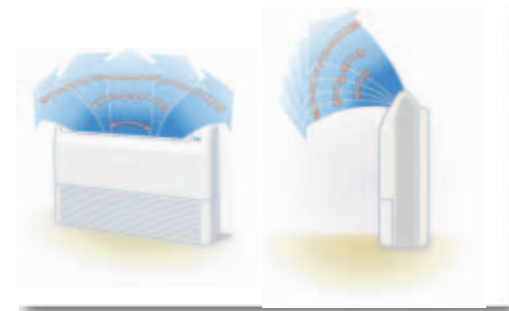


Floor-ceiling units. Free choice

INVERTER

Installation flexibility

All the units can be positioned either on the floor or the ceiling through the use of an L-shaped cover that allows condensation water to be collected in any position. The fastening system is also designed to fix the unit in both positions.



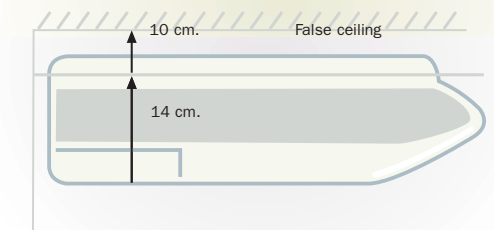
Selection of air outlet

The remote control allows the air outlet direction and the fan function to be chosen with horizontal or vertical sweeps. Likewise, the double deflector slat system uniformly distributes the airflow avoiding the unpleasant effects that direct airflow can cause.

Ceiling units. Complete versatility

Semi-insertable units

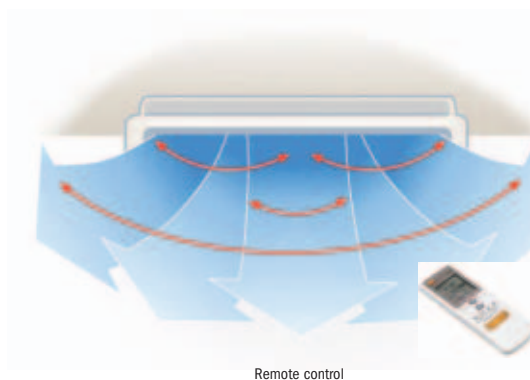
Using a false ceiling with a height of 15 cm, the ceiling units can be semi-inserted to allow only 14 cm to be visible. In addition, the profile of the inside unit is designed to fit into a false ceiling made of plaster.



Full remote control

The functions of the Fujitsu ceiling units are controlled with an ergonomic and easy to use remote control.

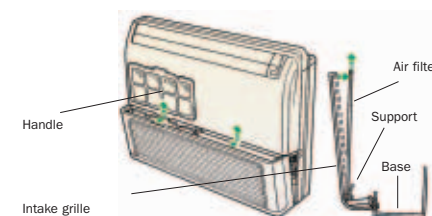
- Air Flow Direction: Allows the air outlet direction to be chosen (up/down or left/right).
- Swing: The air is uniformly distributed around the room using a sweep in all directions.



Remote control

The filters, always within reach

Because of the easy access their location offers, the filters can be changed without the need for an engineer. And to avoid corrosion through humidity they are made with a polyethylene-based material.



Easy and convenient installation

There is a template that indicates the distances and the position of the fastening making the interior unit easy to install with the use of just four screws.



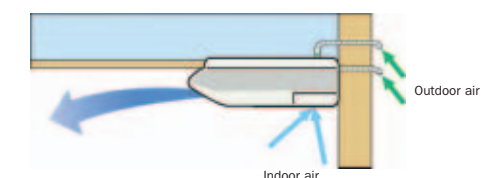
These units are fitted with front and back handles at the same height and on the left and right to facilitate transport and installation.



Installation example

Air renewal

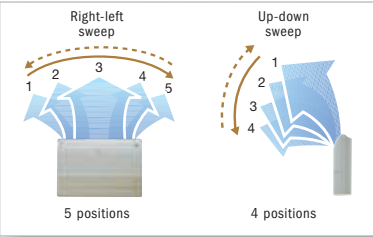
Fresh air from outside can be introduced by connecting a conduit at the top or rear part of the unit. A very useful option in public premises.



ABY50-71Ui



Compact design.



Twin automatic sweep (auto swing).

Auto swing function:

the horizontal and vertical air sweep combination allows three-dimensional control of the air direction.

Large flow twin slat:

the hot and cold air is rapidly and uniformly distributed throughout the room thanks to a specially designed twin slat that allows a larger air-flow to be generated.

Universal installation:

the same unit can be installed on the floor or in the ceiling as the L-shaped cover collects condensate in any position and the fastening system allows it to be attached in both positions.

Technical specifications

MODEL				ABY50Ui	ABY71Ui
Cooling capacity		kcal/h		4472	5590
		W		5200	6500
Heating capacity		kcal/h		5332	5850
		W		6200	6800
Energy efficiency ratio (E.E.R.)	Cooling			3,06	3,02
	Heating			3,26	3,42
Power supply		V/n°/Hz		230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		1,70/1,90	2,15/1,99
Starting current		A		10	10
Running current (Cooling/Heating)		A		7,4/8,3	9,4/8,7
Electrical wiring				(0.U.) 2x2,5+T	(0.U.) 2x4+T
Electrical connection				3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		44	50
	Medium	dB (A)		40	46
	Low	dB (A)		36	42
Noise level outdoor unit		dB (A)		50	53
Dimensions indoor unit	Width	mm		990	990
	Depth	mm		655/199	655/199
	Height	mm		199/655	199/655
Dimensions outdoor unit	Width	mm		830	900
	Depth	mm		320	350
	Height	mm		650	900
Net weight (Indoor U./Outdoor U.)		kg		28/54	28/70
Pipe size		Inch.		1/4"-1/2"	3/8"-5/8"
Piping lenght max. (Total/Height)		m		25/15	25/15
Refrigerant		type		R410A	R410A
Refrigerant charge		m		10	10
Operating range	Cooling	°C		0 / +43	0 / +43
	Heating	°C		-15/ +24	-15/ +24



ABY50/71Ui



ABY50Ui



ABY71Ui

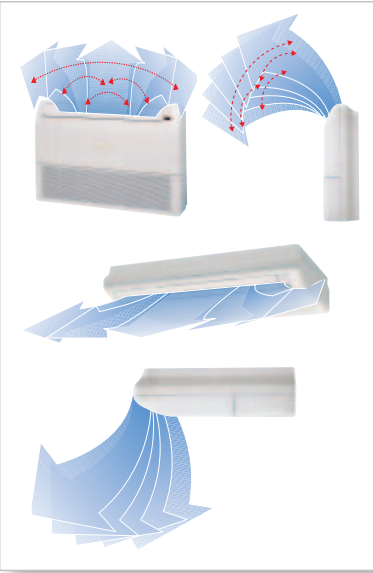
Models

ABY50Ui		ABY71Ui
INVERTER HEAT PUMP		INVERTER HEAT PUMP
Code	3NGF8320	3NGF8330
Logistic reference indoor unit	ABY18LBAJ	ABY24LBAJ
Logistic reference outdoor unit	AOY18LMAKL	AOY24LMAL
Price ref.	1.057	1.353

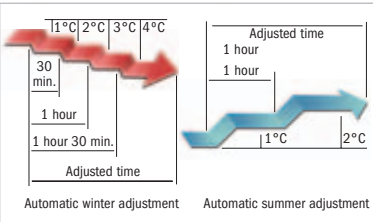


INVERTER

ABY40-71U/F



Universal installation.



Smart functions NMT (Nice Morning Timer) and Sleep.

Technical specifications

MODEL				ABY40U	ABY50U	ABY71U	ABY40F	ABY50F	ABY71F
Cooling capacity		kcal/h		3440	4645	5590	3612	4645	5590
		W		4000	5400	6500	4200	5400	6500
Heating capacity		kcal/h		4045	5160	6365	---	---	---
		W		4700	6000	7400	---	---	---
Energy efficiency ratio (E.E.R.)	Cooling			2,82	2,84	2,69	3,02	2,81	2,65
	Heating			3,48	3,24	3,22	---	---	---
Power supply		V/n°/Hz		230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW		1,42/1,35	1,90/1,85	2,42/2,30	1,39/-	1,92/-	2,45/-
Starting current		A		31	39	60	31	39	60
Running current (Cooling/Heating)		A		6,3/6,0	8,6/8,3	10,8/10,3	6,3/-	8,5/-	11,0/-
Electrical wiring				(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x4+T	(0.U.) 2x2,5+T	(0.U.) 2x2,5+T	(0.U.) 2x4+T
Electrical connection				2x2,5+2x1,5+T	2x2,5+3x1,5+T	2x4+3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		41	46	48	41	46	48
	Medium	dB (A)		38	42	44	38	42	44
	Low	dB (A)		35	37	40	35	37	40
Noise level outdoor unit		dB (A)		49	52	53	49	52	53
Dimensions indoor unit	Width	mm		990	990	990	990	990	990
	Depth	mm		655/199	655/199	655/199	655/199	655/199	655/199
	Height	mm		199/655	199/655	199/655	199/655	199/655	199/655
Dimensions outdoor unit	Width	mm		750	830	830	750	830	830
	Depth	mm		250	320	320	250	320	320
	Height	mm		530	650	650	530	650	650
Net weight (Indoor U./Outdoor U.)		kg		28/35	28/52	28/59	28/35	28/47	28/58
Pipe size		Inch.		1/4"-1/2"	1/4"-5/8"	3/8"-5/8"	1/4"-1/2"	1/4"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)		m		15/8	20/8	20/8	15/8	20/8	20/8
Refrigerant		type		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		m		7,5	7,5	7,5	7,5	7,5	7,5
Operating range	Cooling	°C		0 / +43	0 / +43	0 / +43	+21/ +43	+21/ +43	+21/ +43
	Heating	°C		-8/ +24	-8/ +24	-8/ +24	-	-	-

NMT function:

the Nice Morning Timer allows the unit is to calculate the start time in order that the room is conditioned at the time set by the user.

Sleep function:

this adjusts the room temperature to the needs of the human body, raising the programmed room temperature by up to 4°C in winter and by up to 2°C in summer, providing a considerable energy saving.

Air flow direction:

this makes it possible to select the flow output direction and contribute to a more rapid and uniform distribution.



ABY40/50/71U/F



ABY40U/F



ABY50/71U/F

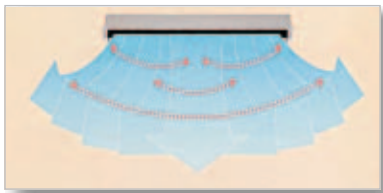


(mod. ABY_U)

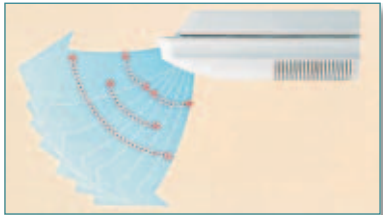
Models

	ABY40U HEAT PUMP	ABY50U HEAT PUMP	ABY71U HEAT PUMP	ABY40F COOLING ONLY	ABY50F COOLING ONLY	ABY71F COOLING ONLY
Code	3NGF3195	3NGF3220	3NGF3230	3NGF2995	3NGF3020	3NGF3030
Logistic reference indoor unit	ABY14UBBJ	ABY18UBBJ	ABY24UBBJ	ABY14FBBJ	ABY18FBBJ	ABY24FBBJ
Logistic reference outdoor unit	AOY14USDJL	AOY18UNBKL	AOY24UNBKL	AOY14FSDJ	AOY18FNBK	AOY24FNBK
Price ref.	867	1.000	1.104	781	914	1.028

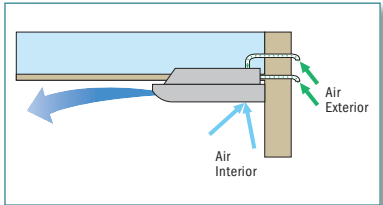
ABY80-125Ui



Horizontal fan.



Vertical fan.



External fresh air contribution.

Twin auto swing:
that allows 5 selections for the vertical or horizontal airflow direction.

Outside fresh air contribution:
via a conduit with a diameter of 200 mm connected to the upper or rear part of the machine. Air renewal is very useful in public premises that hold a lot of people.

Optional drain water lifter:
an optional accessory that allows a level difference about 30 cm in the false ceiling to be able to generate the necessary slope until it reaches the nearest down pipe (see page 172).

Semi-insertable units:
these units are designed to fit into a plaster false ceiling with a minimum height of 15 cm. This means only 14 cm of the machine will be visible.



ABY80/100/125Ui



Technical specifications

MODEL				ABY80Ui	ABY100Ui	ABY125Ui
Cooling capacity	kcal/h			7310	8600	10750
	W			8500	10000	12500
Heating capacity	kcal/h			8600	9288	12040
	W			10000	10800	14000
Energy efficiency ratio (E.E.R.)	Cooling			2,83	2,43	2,81
	Heating			3,45	3,31	3,29
Power supply	V/n°/Hz			230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)	kW			3,0/2,90	4,12/3,26	4,45/4,25
Starting current	A			10	10	15
Running current (Cooling/Heating)	A			13,1/12,7	18,0/14,2	19,5/18,5
Electrical wiring				(0.U.) 2x2,5+T	(0.U.) 2x4+T	(0.U.) 2x4+T
Electrical connection				3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		45	48	50
	Medium	dB (A)		42	45	47
	Low	dB (A)		37	40	43
Noise level outdoor unit		dB (A)		53	54	54
Dimensions indoor unit	Width	mm		1660	1660	1660
	Depth	mm		700	700	700
	Height	mm		240	240	240
Dimensions outdoor unit	Width	mm		900	900	900
	Depth	mm		330	330	330
	Height	mm		830	830	1290
Net weight (Indoor U./Outdoor U.)	kg			48/70	48/70	48/105
Pipe size	Inch.			3/8"-5/8"	3/8"-5/8"	3/8"-5/8"
Piping lenght max. (Total/Height)	m			50/30	50/30	70/30
Refrigerant	type			R410A	R410A	R410A
Refrigerant charge	m			10	20	20
Operating range	Cooling	°C		-10/ +43	-10/ +43	-15/ +43
	Heating	°C		-15/+24	-15/+24	-15/+24



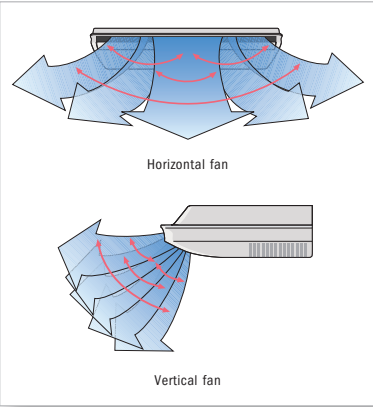
ABY80/100Ui

ABY125Ui

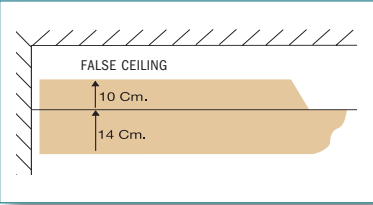
Models

	NEW ABY80Ui INVERTER HEAT PUMP	NEW ABY100Ui INVERTER HEAT PUMP	NEW ABY125Ui INVERTER HEAT PUMP
Code	3NGF8340	3NGF8350	3NGF8360
Logistic reference indoor unit	ABY30LBAG	ABY36LBAG	ABY45LBAG
Logistic reference outdoor unit	AOY30LMAWL	AOY36LMAWL	AOY45LJBYL
Price ref.	2.255	2.486	2.914

ABY80-140U/UT/F/FT



Air flow direction.



Semi-insertable units in false ceilings.

Large air current:

ideal for large commercial premises, warehouses and offices with a height of up to 4 m.

Outside fresh air contribution:

via a conduit with a diameter of 200 mm connected to the upper or rear part of the machine. Air renewal is very useful in public premises that hold a lot of people.

Optional drain water lifter:

an optional accessory that allows a level difference about 30 cm in the false ceiling to be able to generate the necessary slope until it reaches the nearest down pipe (see page 172).

Technical specifications

MODEL				ABY80U	ABY100UT	ABY125UT	ABY140UT	ABY80F	ABY100FT	ABY125FT	ABY140FT
Cooling capacity		kcal/h		7225	9030	10922	12470	7225	9030	10920	12470
		W		8400	10500	12700	14500	8400	10500	12700	14500
Heating capacity		kcal/h		8170	10150	12298	14190	—	—	—	—
		W		9500	11800	14300	16500	—	—	—	—
Energy efficiency ratio (E.E.R.)	Cooling			2,85	3,02	2,90	2,81	2,85	2,84	2,90	2,81
	Heating			3,42	3,42	3,26	3,11	—	—	—	—
Power supply		V/n°/Hz		230/1/50	400/3/50	400/3/50	400/3/50	230/1/50	400/3/50	400/3/50	400/3/50
Power consumption (Cooling/Heating)		kW		2,95/2,78	3,48/3,45	4,38/4,40	5,16/5,30	2,95/-	3,70/-	4,38/-	5,16/-
Starting current		A		70	37	67	70	70	37	67	70
Running current (Cooling/Heating)		A		13,6/13,1	5,9/6,2	7,7/7,7	9,5/9,5	13,8/-	6,2/-	7,7/-	9,5/-
Electrical wiring				2x4+T	3x2,5+N+T	3x2,5+N+T	3x2,5+N+T	2x4+T	3x2,5+N+T	3x2,5+N+T	3x2,5+N+T
Electrical connection				3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T	3x1,5+T
Noise level indoor unit	High	dB (A)		42	45	48	52	42	45	48	52
	Medium	dB (A)		39	42	46	50	39	42	46	50
	Low	dB (A)		35	37	41	46	35	37	41	46
Noise level outdoor unit		dB (A)		53	54	54	54	53	54	54	54
Dimensions indoor unit	Width	mm		1660	1660	1660	1660	1660	1660	1660	1660
	Depth	mm		700	700	700	700	700	700	700	700
	Height	mm		240	240	240	240	240	240	240	240
Dimensions outdoor unit	Width	mm		900	900	900	900	900	900	900	900
	Depth	mm		330	330	330	330	330	330	330	330
	Height	mm		830	1165	1165	1290	830	1165	1165	1290
Net weight (Indoor U./Outdoor U.)		kg		48/69	48/94	48/113	48/118	48/68	48/80	48/109	48/114
Pipe size		Inch.		3/8"-5/8"	3/8"-5/8"	3/8"-3/4"	3/8"-3/4"	3/8"-5/8"	3/8"-5/8"	3/8"-3/4"	3/8"-3/4"
Piping lenght max. (Total/Height)		m		30/15	50/30	50/30	50/30	30/15	50/30	50/30	50/30
Refrigerant		type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		m		7,5	20	20	20	7,5	20	20	20
Operating range	Cooling	°C		0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43	0 / +43
	Heating	°C		-7/ +24	-10/ +24	-10/ +24	-10/ +24	-	-	-	-



ABY80/100/125/140U/UT/F/FT



ABY80U/F

ABY100/125/140UT/FT

Models

	ABY80U HEAT PUMP	ABY100UT HEAT PUMP	ABY125UT HEAT PUMP	ABY140UT HEAT PUMP	ABY80F COOLING ONLY	ABY100FT COOLING ONLY	ABY125FT COOLING ONLY	ABY140FT COOLING ONLY
Code	3NGF3245	3NGF3255	3NGF3275	3NGF3285	3NGF3045	3NGF3055	3NGF3075	3NGF3085
Logistic reference indoor unit	ABY30UBAG	ABY36UBAG	ABY45UBAG	ABY54UBAG	ABY30FBAG	ABY36FBAG	ABY45FBAG	ABY54FBAG
Logistic reference outdoor unit	AOY30UNBWL	AOY36UNAXT	AOY45UMAXT	AOY54UMAYT	AOY30FNBWL	AOY36FNAXT	AOY45FMAYT	AOY54FMAYT
Price ref.	1.895	2.143	2.428	2.810	1.800	2.036	2.307	2.670

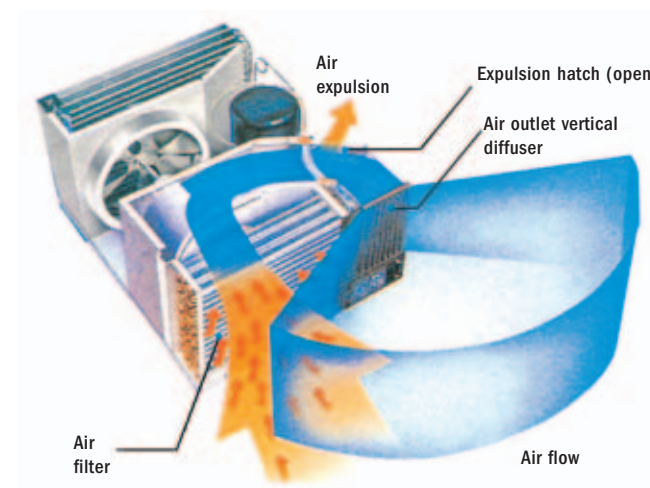
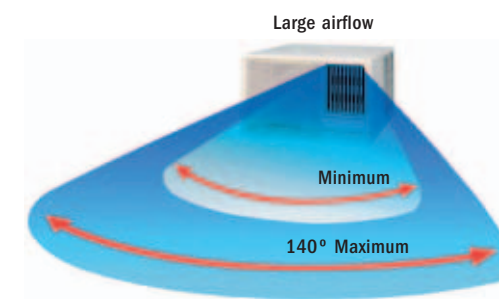


(mod. ABY_U/UT)

Windows

Variable impulsion angle

Equipped with advanced diffusers and the automatic sweep function, the Fujitsu windows increase the airflow outlet opening by up to 140%, with optimum distribution around the room.



New air

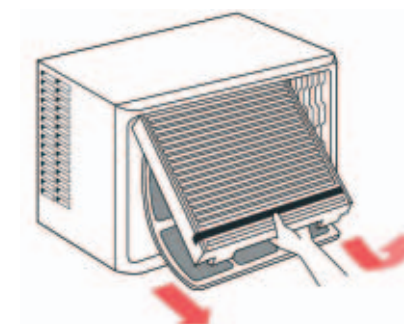
Operating a special device that the Fujitsu windows incorporate allows the entry of outside air, renewing the stale air inside by 10%.

Reduction of condensate

The high temperature of the windows compressor evaporates the liquids that are generated, at the same time as a ring housed inside the ventilator removes stored water.

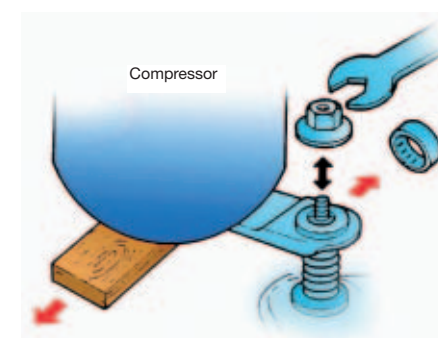
Easy cleaning of the filter

The filter can be conveniently cleaned without the need to remove the front panel.

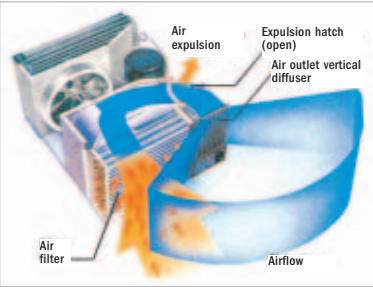


The well protected compressor

Thanks to a chassis anchoring system the Fujitsu windows protect the compressor from possible vibrations resulting from transport. Likewise, prior to installing the unit is necessary to remove the casing, the screws that hold the compressor into the chassis and finally the wooden protector situated underneath. The compressor must be screwed in place following this operation and the casing replaced.



AKY20-35U/F



Variable impulsion angle achieves perfect air distribution.



Easy installation. Extractable casing.

Perfect distribution of air:

thanks to its variable impulsion angle.

Easy installation:

thanks to its removable casing.

Removable filter:

easy to clean.

Protection of the compressor:

an anchoring system protects the compressor during transportation.



AKY20/25U/F



AKY35U/F

Technical specifications

MODEL			AKY25U	AKY35U	AKY20F	AKY25F	AKY35F
Cooling capacity		kcal/h	2235	2965	1850	2235	3140
		W	2600	3450	2150	2600	3650
Heating capacity		kcal/h	2450	3095	-	-	-
		W	2850	3600	-	-	-
Energy efficiency ratio (E.E.R.)	Cooling		2,68	2,46	2,65	2,63	2,57
	Heating		3,24	2,77	-	-	-
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Power consumption (Cooling/Heating)		kW	0,97/0,88	1,40/1,30	0,81/-	0,99/-	1,38/-
Starting current		A	22	28	19	22	28
Running current (Cooling/Heating)		A	4,3/3,8	6,2/5,8	3,8/-	4,7/-	6,6/-
Power electrical		2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T
Noise level (low/high)		dB (A)	40/49	48/52	40/48	40/49	48/53
Dimensions	Width	mm	457	560	457	457	560
	Depth	mm	581	650	581	581	650
	Height	mm	349	375	349	349	375
Net weight		kg	36	45	31	34	44
Operating range	Cooling	°C	+21/+43	+21/+43	+21/+43	+21/+43	+21/+43
	Heating	°C	0/ +21	0/ +21	-	-	-

Models

	AKY25U HEAT PUMP	AKY35U HEAT PUMP	AKY20F COOLING ONLY	AKY25F COOLING ONLY	AKY35F COOLING ONLY
Code	3NGF1110	3NGF1122	3NGF1000	3NGF1010	3NGF1022
Logistic reference	AKY9UBSSW	AMY12UAS-W	AKY7FASSW	AKY9FBSSW	AMY13FAS-W
Price ref.	571	638	457	505	590

Remote controls

Plasma clean controller: ASY25UiPC/ASY35UiPC

- 1 **Display screen**

2 **Fan Control**
Fan velocity selector (automatic, high, medium, low).

3 **“ON/OFF” button**

4 **Master control**
Function control:
AUTO: Automatic
COOL: Cooling
DRY: Drying
FAN: Ventilation
HEAT: Heating
- 5 **“Air clean” function**
This activates the UV sterilisation unit.

6 **“Coil Dry” function**
Activates the coil dry function and internal cleaning of the unit.

7 **“Sleep” function**
Automatic nocturnal disconnection depending on the time of year.

8 **Air direction selector**
- 9 **Swing**
Continuous air fan.

10 **Thermostat and time adjustments**
Room temperature (raising and lowering) and time selection in accordance with the TIMER.

11 **TIMER MODE**
Enables automatic on and off programming.

13 **Test Run**
Test run operation.



Wall Ceiling Inverter controller: AWY40Ui-AWY50Ui

- 1 **Signal transmitter**
Transmits control signals to the air-conditioning unit.

2 **“ON/OFF” button**

3 **Air flow direction**
Airflow direction.

4 **Master control**
Function control:
AUTO: Automatic
COOL: Cooling
DRY: Drying
FAN: Ventilation
HEAT: Heating
- 7 **Display screen**

8 **Time and timing screen**

9 **“Sleep” function**
Automatic nocturnal disconnection depending on the time of year.

10 **“Monitor” function**
Button to enable you to see the inside and outside temperature.

11 **“Automatic filter cleaning” function**
Activates the automatic filter cleaning.

12 **“Air clean” function**
This activates the UV sterilisation unit.
- | AUTO-STANDARD APPROACH at +/- 2 °C | | |
|------------------------------------|------------------|------------------------|
| Temperature Environment | Mode Operation | Adjustments Thermostat |
| > 30 °C | Cooling | 27 °C |
| (27 - 30) °C | Cooling | 26 °C |
| (24 - 27) °C | Dehumidification | 24 °C |
| (22 - 24) °C | Ventilation | — |
| < 22 °C | Heating | 23 °C |



Wall Ceiling Inverter controller: AWY40UiA-AWY50UiA

- 1 **Signal transmitter**
Transmits control signals to the air-conditioning unit.

2 **“ON/OFF” button**

3 **Air flow direction**
Airflow direction.

4 **Master control**
Function control:
AUTO: Automatic
COOL: Cooling
DRY: Drying
FAN: Ventilation
HEAT: Heating
- 5 **“Coil Dry” function**
Activates the coil dry function and internal cleaning of the unit.

6 **Thermostat and time adjustments**
Room temperature (raising and lowering) and time selection in accordance with the TIMER.

7 **Display screen**

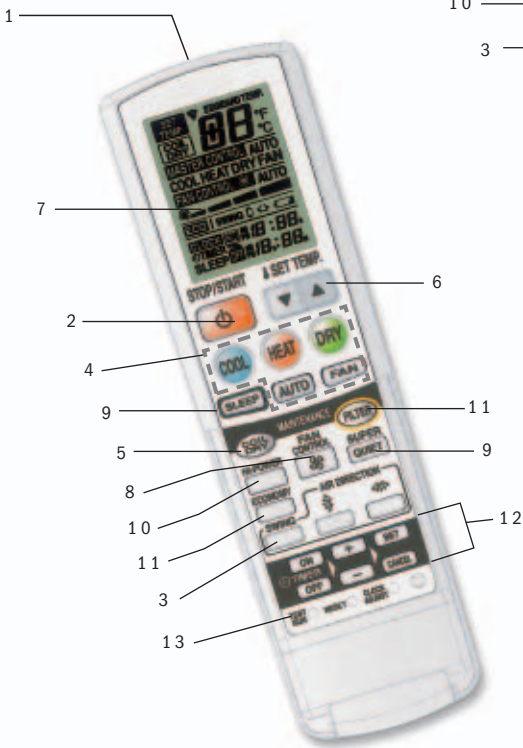
8 **Fan control**
Fan velocity selector.

9 **“Super Quiet” function**
Super silent fan.
- 10 **“Hi-power” function**
The interior unit will function at maximum power until a certain temperature is reached.

11 **“Economy” function**
The thermostat adjustment automatically changes in accordance with the outside temperature to avoid unnecessary cooling or heating.

12 **TIMER**
Enables automatic on and off programming.

13 **Test Run**
Test run operation.



Remote controls

Wall Mounted Inverter (ASY25/35/40/50Ui)

- 1

MASTER CONTROL
Performance mode selector:
AUTO: Automatic
COOL: Cooling
DRY: Dehumidification
FAN: Ventilation
HEAT: Heating
- 2

FAN CONTROL
Fan velocity selector:
AUTO
HIGH
MED
LOW
- 3

“START/STOP” button:
On/off button.
- 4

TEST RUN
Test run operation.
- 5

ACL
Carries out a reset.
- 6

Time adjust
Time adjustment.
- 7

“SLEEP” function
Automatic nocturnal disconnection program.
- 8

Thermostat and time adjustments
- 9

Air direction selector
- 10

SWING
Continuous air fan.
- 11

COIL DRY
Starts the cleaning function.
- 12

TIMER
Enables automatic on and off programming.

Wall Mounted Inverter (ASY20Ui/ASY71Ui(LC)/80Ui(LC)

- 1

MASTER CONTROL
Performance mode selector:
AUTO: Automatic
COOL: Cooling
DRY: Dehumidification
FAN: Ventilation
HEAT: Heating
- 2

FAN CONTROL
Fan velocity selector:
AUTO
HIGH
MED
LOW
- 3

“START/STOP” button:
On/off button.
- 4

TEST RUN
Test run operation.
- 5

RESET
- 6

CLOCK
Time adjustment.
- 7

“SLEEP” function
Automatic nocturnal disconnection program.
- 8

Thermostat and time adjustments
- 9

Air direction selector
- 10

SWING
Continuous air fan.
- 11

COIL DRY
Starts the cleaning function.
- 12

TIMER
Enables automatic on and off programming.

Wall Mounted (ASY20/25/35U/F/ASY25UA/ASY35UA)

- 1

“START/STOP” button
START/STOP button:
- 2

“SLEEP” function
Automatic nocturnal disconnection depending on the time of year.
- 3

COIL DRY
Starts the deodorising cleaning function. (only available with the inverter - UI series units)
- 4

Master control
Function control:
AUTO: Automatic
COOL: Cooling
DRY: Drying
FAN: Ventilation
HEAT: Heating
- 5

“TEST RUN” button
Test run button.
● This button is used when the air-conditioner it installed and cannot be used in normal conditions.
- 6

TIMER (MODE CONTROL): Adjustments
Used as the timer per connection or per program:
- 7

“ACL” button
Carries out a reset.
- 8

SWING
Continuous air fan.
- 9

SET
Selection of five positions for the air direction.
- 10

FAN CONTROL
Fan control selector: AUTO, LOW, MED, HIGH and SUPER QUIET velocity.
- 11

Thermostat and time adjustments
Room temperature (raising and lowering) and in time selection in accordance with the TIMER.
- | AUTO-STANDARD APPROACH at +/- 2 °C | | | |
|------------------------------------|------------------------|------------------------|--|
| Temperature Environment | Mode Operation Standar | Adjustments Thermostat | |
| > 30 °C | Cooling | 27 °C | |
| (27 - 30) °C | Cooling | 26 °C | |
| (24 - 27) °C | Dehumidification | 24 °C | |
| (22 - 24) °C | Ventilation | — | |
| < 22 °C | Heating | 23 °C | |

“OFF”:

Timer off

“ON”:

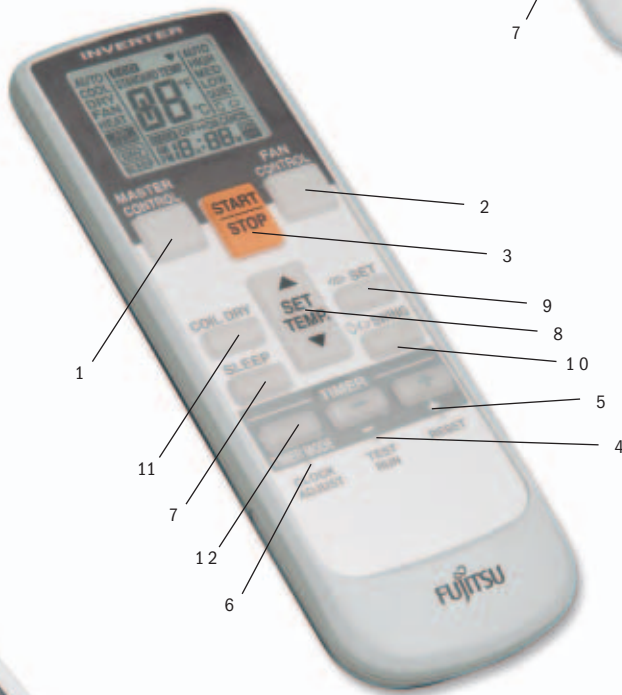
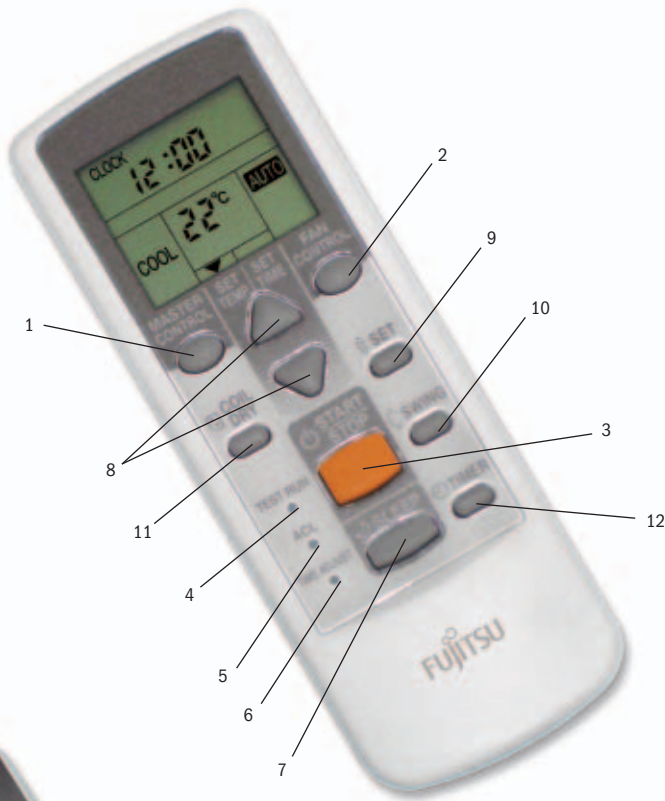
Timer on

“SET”:

Timer programmed

“CANCEL”:

Operation motivated by the thermostat



Remote controls

Multi Split Inverter (ASY20/35/40/50Ui2)
Multi Split Inverter serie”F” (ASY20//25/35UiF-AUY-UiF)
Cassette (ASY35/40/50U/F/Ui)

- 1

Sleep Button
Disconnection timer function.

2

Master Control Button

3

Set temp/set time buttons
To adjust the temperature/time.

4

Timer button
Used as the timer per connection or per program:
OFF TIMER: timer off.
ON TIMER: timer on.
- 5

FAN CONTROL button
To change fan velocity.

6

START/STOP button
(start/stop)

7

Air Flow Button
DIRECTION SET
To adjust the air flow direction.
- 8

Air Flow Button
DIRECTION SWING
To select the sweep direction.

9

Time adjust button
To adjust the time.

10

Screen
Indicates the previous concepts.

Wall Mounted (ASY40/50U/F)
Multi Split Inverter (ASY25/35Ti4)

- 1

Signal transmitter
Transmits control signals to the air-conditioning unit.

2

START/STOP button:
(START/ STOP)

3

AIR FLOW DIRECTION
Air flow direction
3a. - Vertical fan performance
-SET: 5 positions
- SWING: continuous
3b. - Horizontal fan performance
-SET: 5 positions
- SWING: continuous

4

MASTER CONTROL
Function control
- 5

FAN CONTROL
Fan control selector: Velocity in AUTO, LOW, MED, HIGH and SUPER QUIET.

6

Thermostat and time adjustments
Room temperature (raising and lowering) and in time selection in accordance with the TIMER.

7

Display screen
Previous concepts.
- 8

Time and timing screen
Subsequent concepts.

9

“SLEEP” function
Automatic nocturnal disconnection depending on the time of year.

10

TIMER (MODE CONTROL): Adjustments
Used as the timer per connection or per program:
“OFF TIMER”: Timer off
“ON TIMER”: Timer on
“PROGRAM TIMER”: Timer programmed
“NON STOP”: Operation motivated by the thermostat

Wall Mounted (ASY50FB/UB-ASY71/80F/U/Ui)
Multi Split Inverter (ASY50/71/Ti4-ASY50Ui2)
Multi Split Inverter serie”F” (ABY-UiF-ASY50/71UiF)
Floor/Ceiling (ABY-F/U/Ui)
Wall Ceiling (AWY-U)
Wall Ceiling Inverter (AWY71/80Ui)

- 1

Sleep Button
Disconnection timer function.

2

Master Control Button

3

Set temp/set time buttons
To adjust the temperature/time.

4

Timer button
Used as the timer per connection or per program:

OFF TIMER: timer off.
ON TIMER: timer on.
PROGRAM TIMER: timer programmed.
- 5

FAN CONTROL button
To change fan velocity.

6

START/STOP button
(start/stop)

7

Air Flow Button
DIRECTION VERTICAL SET
To adjust the vertical air flow direction.

8

Air Flow Button
DIRECTION VERTICAL SWING
To select the vertical sweep direction.
- 9

Air Flow Button
DIRECTION HORIZONTAL SET
To adjust the horizontal air flow direction.

10

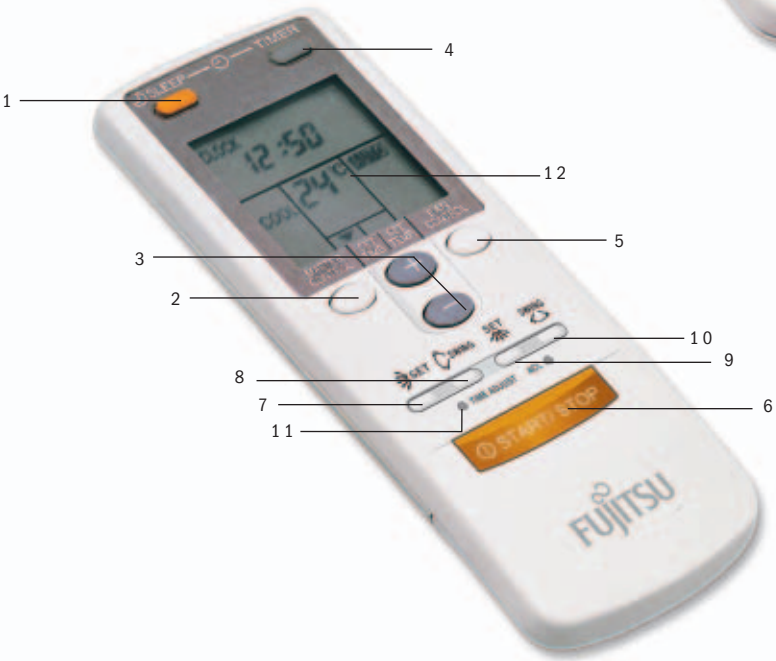
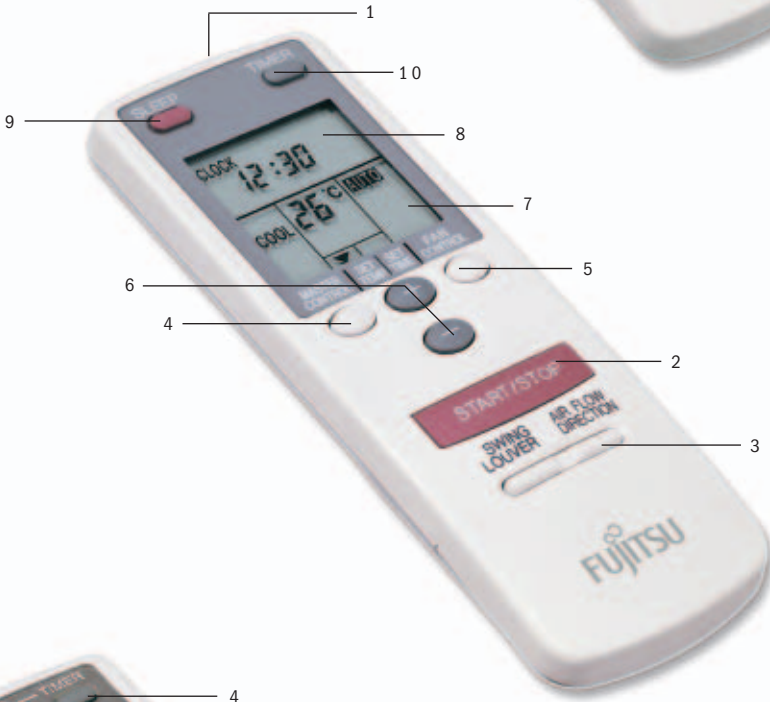
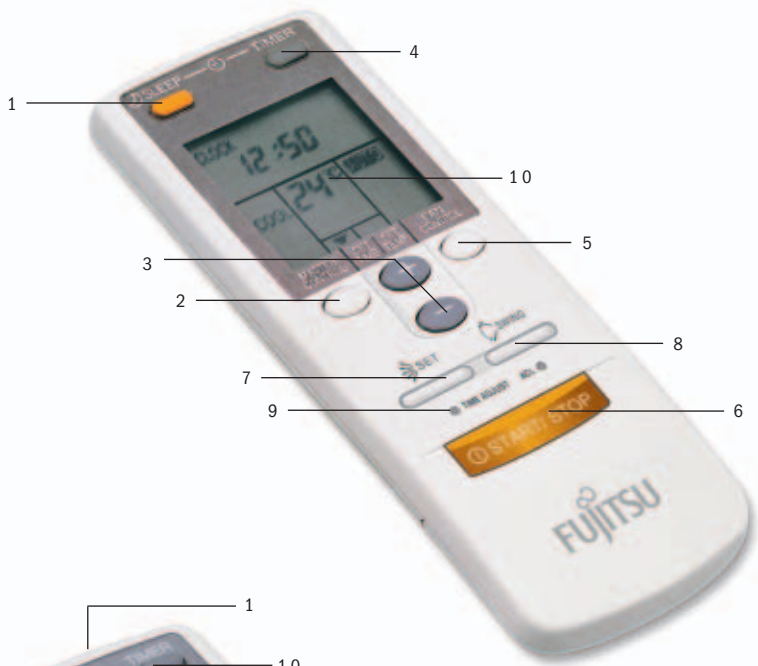
Air Flow Button
DIRECTION HORIZONTAL SWING
To adjust the horizontal sweep direction.

11

Time adjust button
To adjust the time.

12

Screen
Indicates the previous concepts.



Remote controls

Duct Type R407C (ACY100T/170AT/TT)

- 1

“START/STOP” button
On/off button.

2

Operation light
Lights up during operation and when the timer is programmed.

3

“SET TEMP” button (▲/▼)
Used to change the temperature selected (up/down).

4

“TIMER MODE” button
Used to change the operation mode functions (NON STOP, OFF TIMER, ON TIMER, PROGRAM TIMER, REPEAT TIMER).

5

“SET TIME” button (▲/▼)
Used to programme the timer (up/down).
- 6

“MASTER CONTROL” button
Used to select HEAT/FAN/COOL.

7

“FAN CONTROL” button
Used to change the fan speed (AUTO, HIGH, MED, LOW).

8

“ENERGY SAVE” button
Used to save energy between on and off.

9

Energy-saving light
This lights up during energy-saving operation.
- 10

“ZONE CONTROL” button
Used for on/off operation in the control zone, when one controller controls several machines.

11

Control zone light
This lights up when the unit is in control zone mode.

12

Clock adjustment button

Cassette R407C (AUY125AT)

- 1

“TIMER” button
Timer mode change.

2

“SET TIME” button
Programmes the timer and the time.

3

“TEMPERATURE/DAY” button
Selects the temperature/day.

4

Airflow direction / swing

5

“ZONE” button
Selects the areas to be conditioned.

6

“MASTER CONTROL” button
Used to select HEAT/FAN/COOL/AUTO.
- 7

Fan speed button

8

“START/STOP” button

9

“ENERGY SAVE” button
For energy save mode.

10

“DAY OFF” button
One day TIMER cancellation.

11

Programming button
Date, time, minutes, connection/disconnection of the TIMER.
- FUNCTIONS**
 - Possibility of controlling 16 interior units.
- Energy save, zone control function (the zone division is set during installation).

● Has 3 TIMER modes:
ON/OFF/WEEKLY.

● Weekly TIMER functions:
 - Possibility of setting different start/stop times depending on the day of the week.
 - Possibility of start/stop programming twice a day.
 - Possibility of programming in periods of five minutes.
 - The TIMER program for one day can be cancelled by pressing “DAY/OFF”.

Split Cassette (AUY71/80/100/125/140U/F/Ui) Duct Type (ACY-U/F/Ui) Multi Split F series (ACY-UiF)

- 1

“START/STOP” button

2

Temperature adjustment button
(Automatic, cooling, fan and/or heating).

3

Control function button
(Automatic, cooling, fan and/or heating).

4

Fan control button
(Automatic, medium, low or high).

5

“THERMO SENSOR” button
Selects whether the room temperature is detected through the interior unit (remote sensor) all the remote controller.

6

“ENERGY SAVE” button
Activates the power supply function. During cooling mode the temperature selected will rise approximately 1°C every 60 minutes until the thermostat has risen a total of 2°C. During heating mode the temperature selected will go down approximately 1°C every 30 minutes until the thermostat has gone down a total of 4°C.
- 7

“CLOCK ADJUST” button
To select the timer mode:
Disconnection timer (OFF).
Connection timer (ON).
Weekly timer.
Change of temperature timer.

8

“DAY OFF” button
Allows the programming for one day to be cancelled (i.e. a public holiday)

9

“SET BACK” button
To change the temperature.

10

Time adjustment button

11

“DELETE” button
To delete the adjustments.

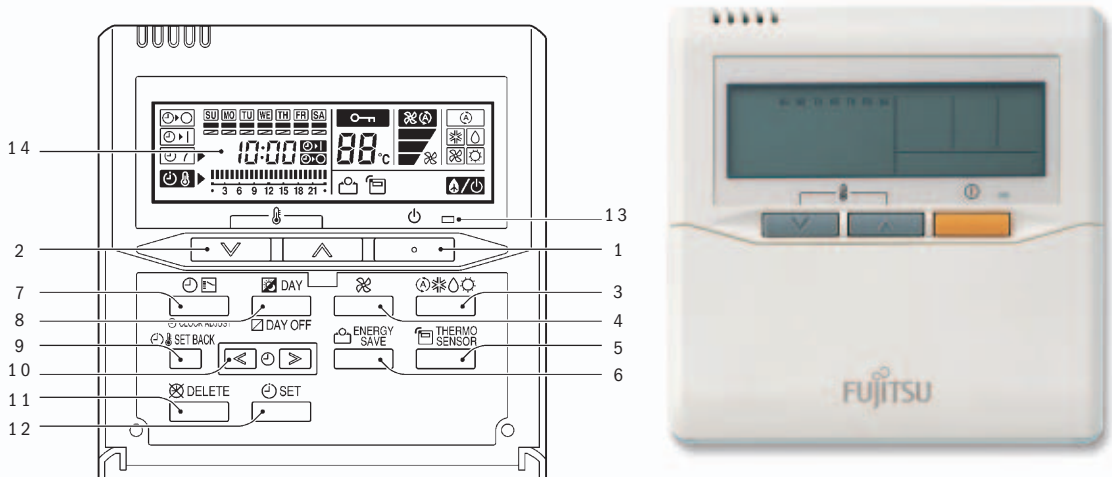
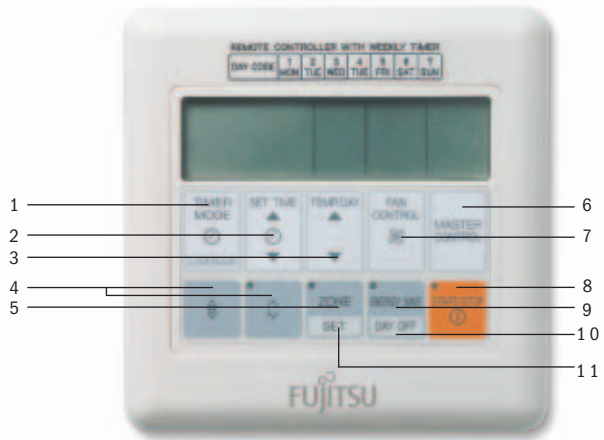
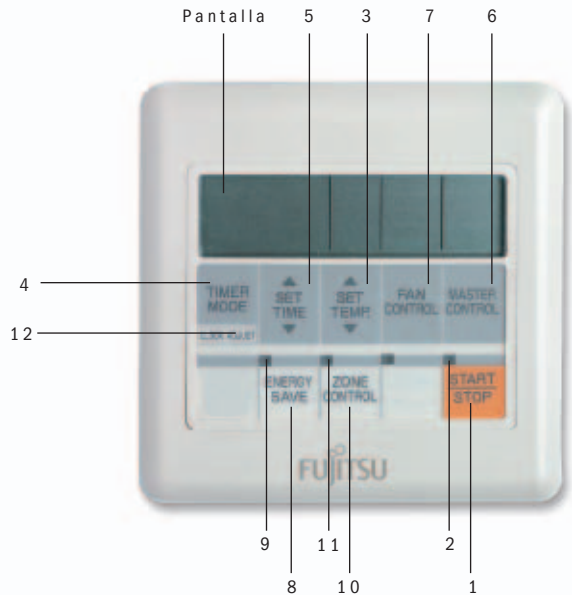
12

“SET” button
To make adjustments.
- 13

Operating light

14

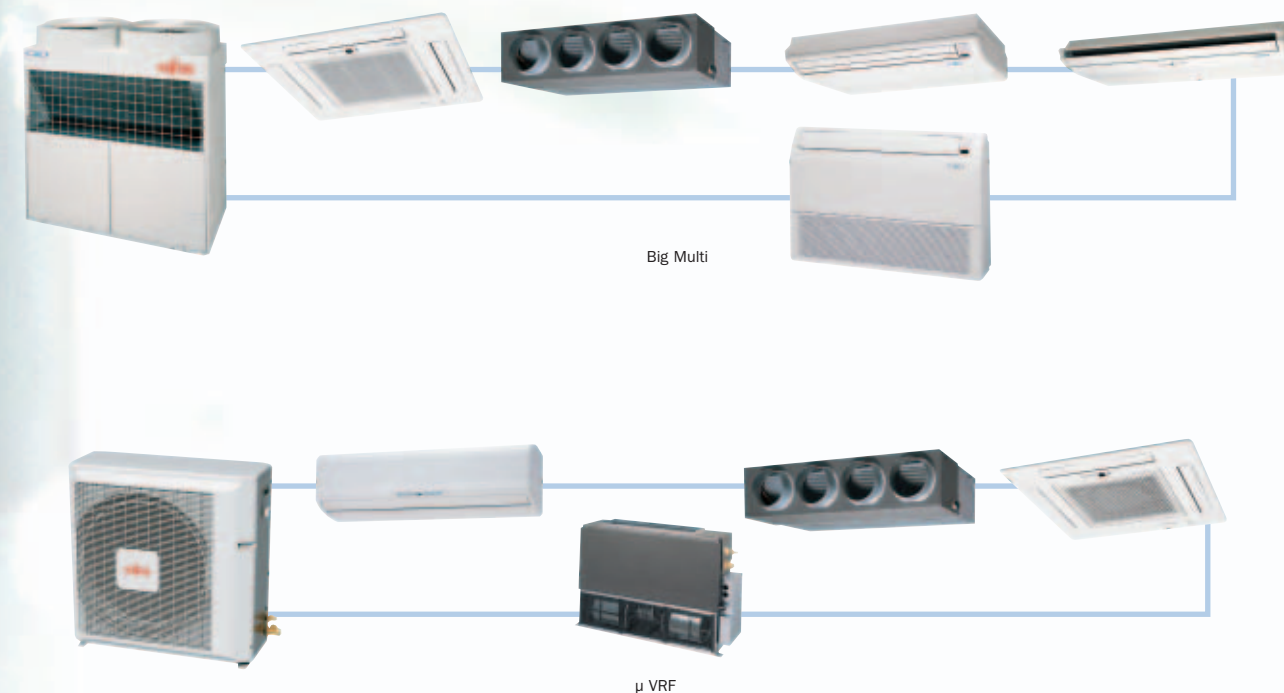
Screen
Timer and clock indicator.
Performance mode indicator
Fan velocity selector.
Button operation blocked indicator.
Temperature indicator.
Function indicator.
Defrosting indicator.
Heat sensor indicator.
Power Supply indicator.
- CHILD LOCK**
A function that allows the control buttons to be blocked, for example when they are within the reach of children.



All the quality in any setting

Better quality air, ease of maintenance, reduction in energy consumption to a minimum, etc. The Fujitsu semi-industrial range not only covers conditioning needs in an optimum manner in any place and situation, but also offers incredible performance thanks to its multiple and varied features.

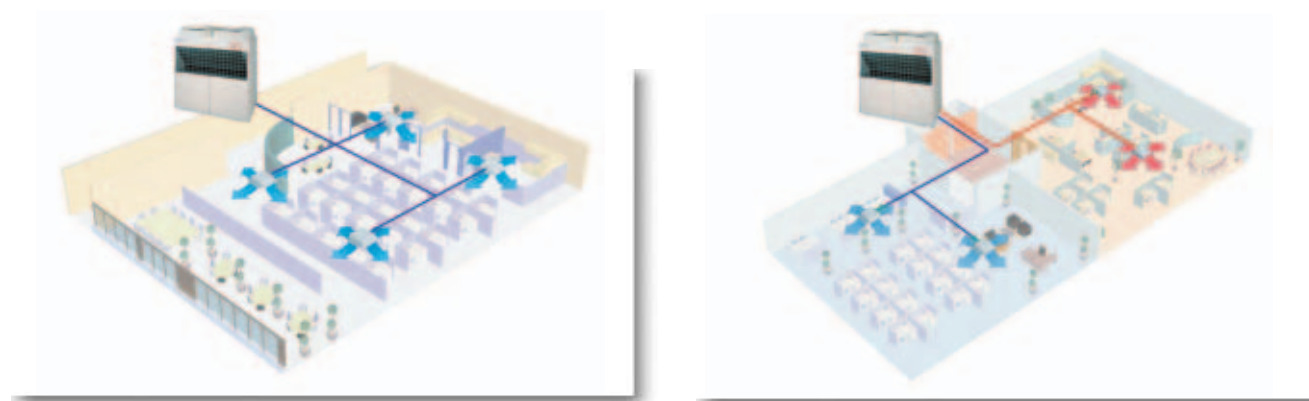
FUJITSU



Big Multi. A world of possibilities

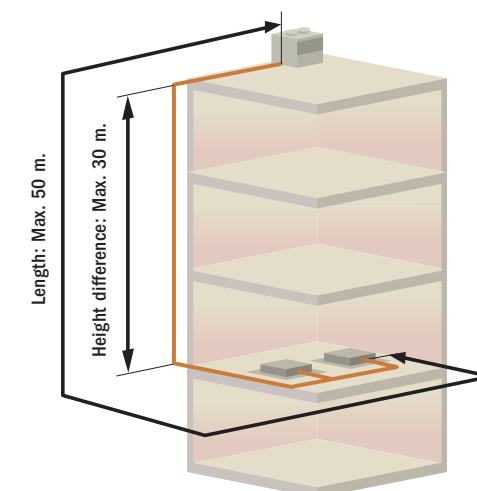
Freedom of installation

The Fujitsu Big multi units allow 2 x 1, 3 x 1 and 4 x 1 installations both for cooling as well as the heat pump. In cooling only, the indoor units function simultaneously, while in the case of the heat pump there are two circuits that work independently. These can even be used with one working in heating mode and the other in cooling mode.



High cooling distances

The cooling distance between the outdoor unit and the indoor unit furthest away can reach 50 m., 30 of these in vertical.



Small size

The indoor units are so small and compact that in addition to being able to be used in a lift, they allow a lot of space to be saved if they are installed in a row.

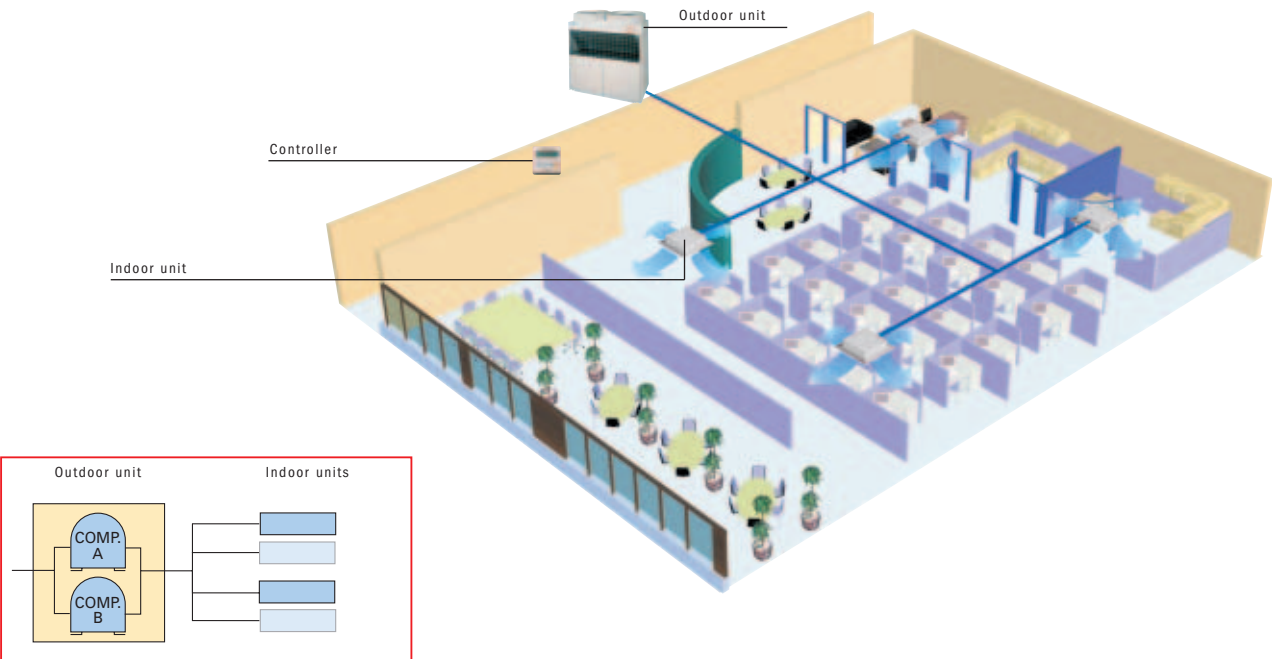
Weekly timer

The Big multi units are fitted with a remote controller which allows the on/off options to be programmed up to twice a day.



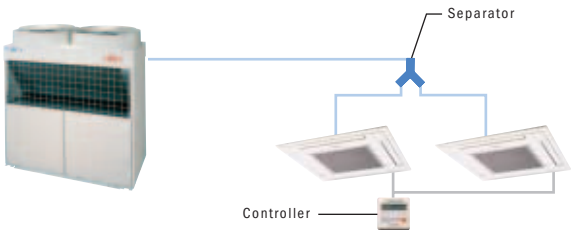
Cooling only

- Outdoor unit with two parallel compressors
- All the units work simultaneously
- One circuit: One controller
- Range of cooling operation: 0 to 52 °C
- Up to 50 m cooling distance



F 1

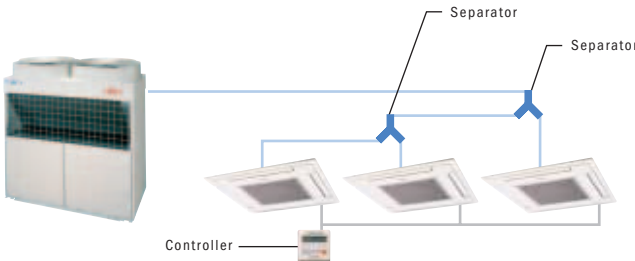
2x1



Capacity of indoor units:
125 + 125

F 2

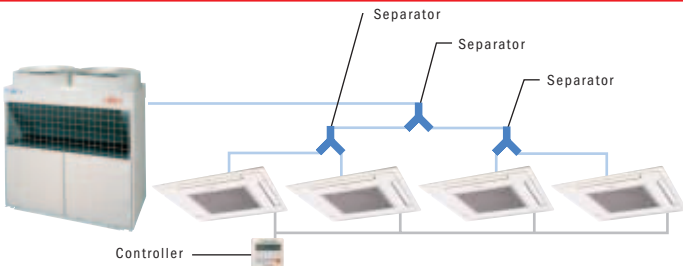
3x1



Capacity of indoor units:
71 + 71 + 125
80 + 80 + 80
50 + 80 + 125
50 + 100 + 100
71 + 80 + 100

F 3

4x1



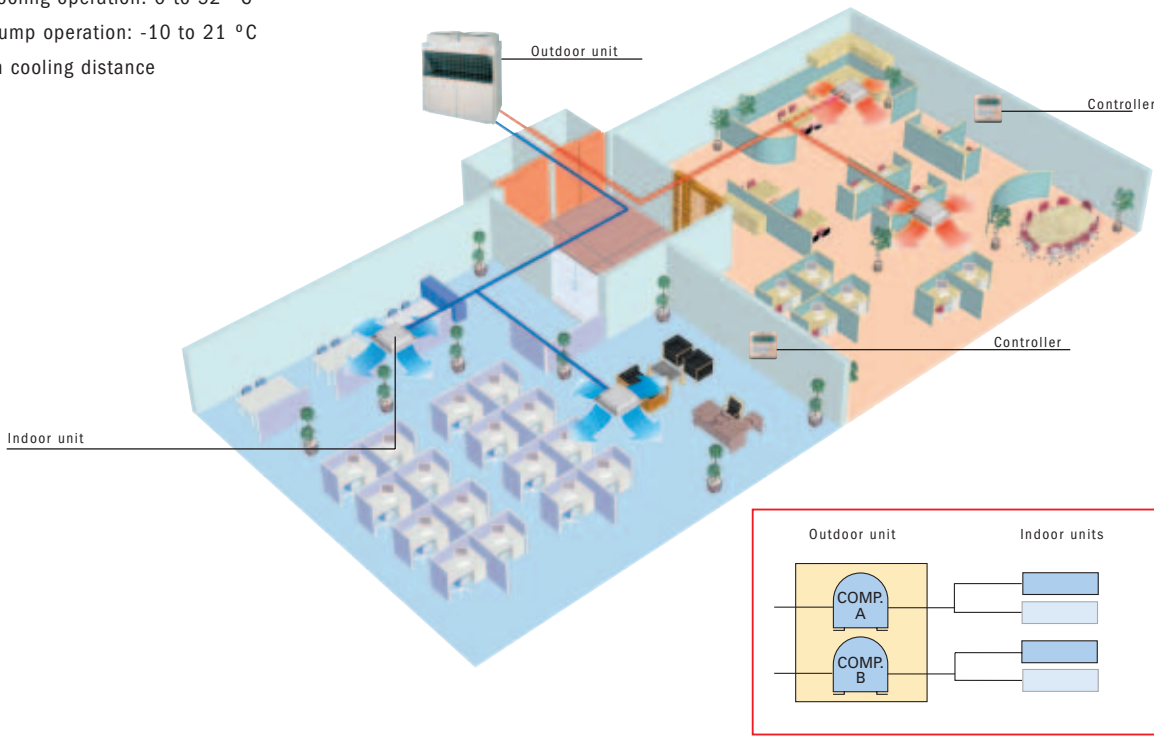
Capacity of indoor units:
71 + 71 + 71 + 71
50 + 50 + 50 + 100
50 + 71 + 50 + 80

Combinations for cooling operation only.

N.B.: Cooling gas return circuit the same as the send circuit.

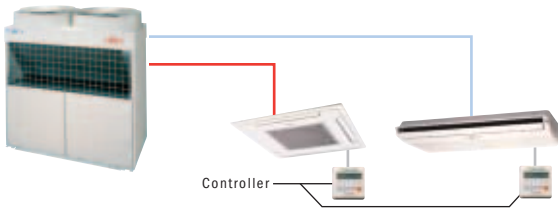
Heat pump

- Outdoor unit with two compressors that allow heating or cooling to each circuit
- Two circuits: Two controllers
- Range of cooling operation: 0 to 52 °C
- Range of pump operation: -10 to 21 °C
- Up to 50 m cooling distance



B 1

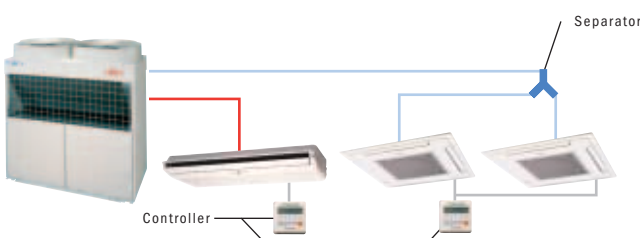
2x1



Capacity of indoor units:
125 / 125

B 2

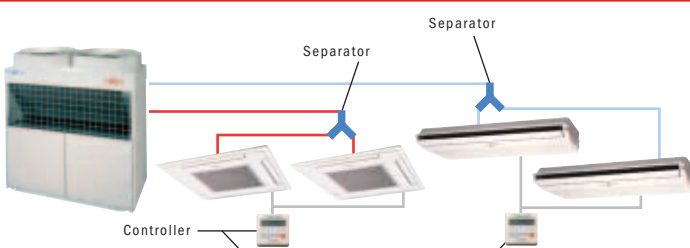
3x1



Capacity of indoor units:
125 / 71 + 71
125 / 50 + 80

B 3

4x1



Capacity of indoor units:
71 + 71 / 71 + 71
50 + 50 / 50 + 100
50 + 80 / 50 + 80

Combinaciones para funcionamiento bomba de calor..

N.B.: Cooling gas return circuit the same as the send circuit.

AJYA 250



SEPARATORS

COMBINATIONS	N° OF SEPARATORS
3x1	1 set
4x1	2 sets

N.B.: One unit is already included in the outside unit (cooling models only)

INDOOR UNIT TYPE	COMPACT-CASSETTE	CASSETTE	DUCT	FLOOR/CEILING	CEILING
					
	Compact design for easy installation.	Low height cassette for low ceilings of 250 mm.	Low-profile conduit.	Small and light unit that can be fitted on the floor or ceiling.	An elegantly designed unit that offers a powerful air current.
Dimensions: width x depth x heighth					
	Machine 580 x 235 x (580+70) Panel: 650 x 35 x 650	Machine 830 x 296 x 830 Panel:940 x 35 x 940	1210 x 270 x 700	900 x 199 x 655	1660 x 240 x 700
Indoor units					
MODEL	Power (W)				
50	5.250	•		•	
71	7.000/7.300		•	•	
80	8.700	•	•		•
100 (cooling)	10.500	•	•		•
125	13.100	•	•		•

Technical specifications

MODEL		AJYA 250 EATB		AJYA 250 TATA	
Cooling capacity	kcal/h		22500		22500
	W		26200		26200
Heating capacity	kcal/h		—		25200
	W		—		29300
Energy efficiency ratio (E.E.R.)	Cooling		2,79		2,79
	Heating		—		2,93
Power supply	V/n°/Hz		380/3/50		380/3/50
Power consumption	Cooling	W	9400		9400
	Heating	W	—		10000
Starting current		A	63		63
Runing current	Cooling	A	16,2		16,2
	Heating	A	—		17
Electrical wiring		mm	(0.U.) 3x4+N+T		(0.U.) 3x4+N+T
Electrical connection		mm	3x1,5+T		(3x1,5+T)x2
Air flow (min-max)		m³/h	9800		9800
Noise level outdoor unit		dB (A)	57		57
Dimensions outdoor unit	Width	mm	1300		1300
	Depth	mm	650		650
	Height	mm	1380		1380
Net weight outdoor unit		kg	243		245
Pipe size		Inch.	1/2"-11/8"		(3/8"-3/4")x2
Piping lenght max. (Total/Height)		m	50/30		50/30
Refrigerant		type	R407C		R407C
Refrigerant charge		m	30		30
Operating range	Cooling	°C	0 a 52		0 a 52
	Heating	°C			-10 a 21



AJYA 250

Outdoor unit

AJYA 250 EATB COOLING ONLY		AJYA 250 TATA HEAT PUMP	
Code	3DGF6000		3DGF6010
Logistic reference	AJYA90EATB		AJYA90TATA
Price ref.	3.383		3.950

Indoor unit Floor/ceiling models

ABY 50 TA HEAT PUMP		ABY 71 TA HEAT PUMP	
Code	3DGF6200		3DGF6210
Logistic reference	ABYA18TATA		ABYA24TATA
Price ref.	583		602

Ceiling models

ABY 80 TA HEAT PUMP		ABY 100 TA COOLING ONLY		ABY 125 TA HEATING PUMP	
Code	3DGF6220		3DGF6230		3DGF6240
Logistic reference	ABYA30TATA		ABYA36TATA		ABYA45TATA
Price ref.	833		867		892

Cassette models

AUY 50 TA HEAT PUMP		AUY 71 TA HEAT PUMP		AUY 80 TA HEAT PUMP		AUY 100 TA COOLING ONLY		AUY 125 TA HEAT PUMP	
Code	3DGF6305		3DGF6310		3DGF6320		3DGF6330		3DGF6340
Logistic reference	AUYA18TATA		AUYA25TATA		AUYA30TATA		AUYA36TATA		AUYA45TATA
Price ref.	745		792		808		817		833

Duct models

ARY 71 TA HEAT PUMP		ARY 80 TA HEAT PUMP		ARY 100 TA COOLING ONLY		ARY 125 TA THERMAL PUMP	
Code	3DGF6401		3DGF6411		3DGF6421		3DGF6431
Logistic reference	ARXA25TATA		ARXA30TATA		ARXA36TATA		ARXA45TATA
Price ref.	717		724		782		790

Accessories

SEPARATOR LARGE ROOMS	
Code	3DGG9440
Logistic reference	UTR-BP901
Price ref.	61

Controller

Multisplit Big Multi / Duct type controller

- 1

Timer button
Timer mode change.
- 2

SET TIME button
Programmes the timer and the time.
- 3

Temperature/day button
Selects the temperature/day.
- 4

Airflow direction / swing
Vertical and fan.
- 5

MASTER CONTROL button
Used to select HEAT/FAN/COOL/AUTO.
- 6

Fan speed button
- 7

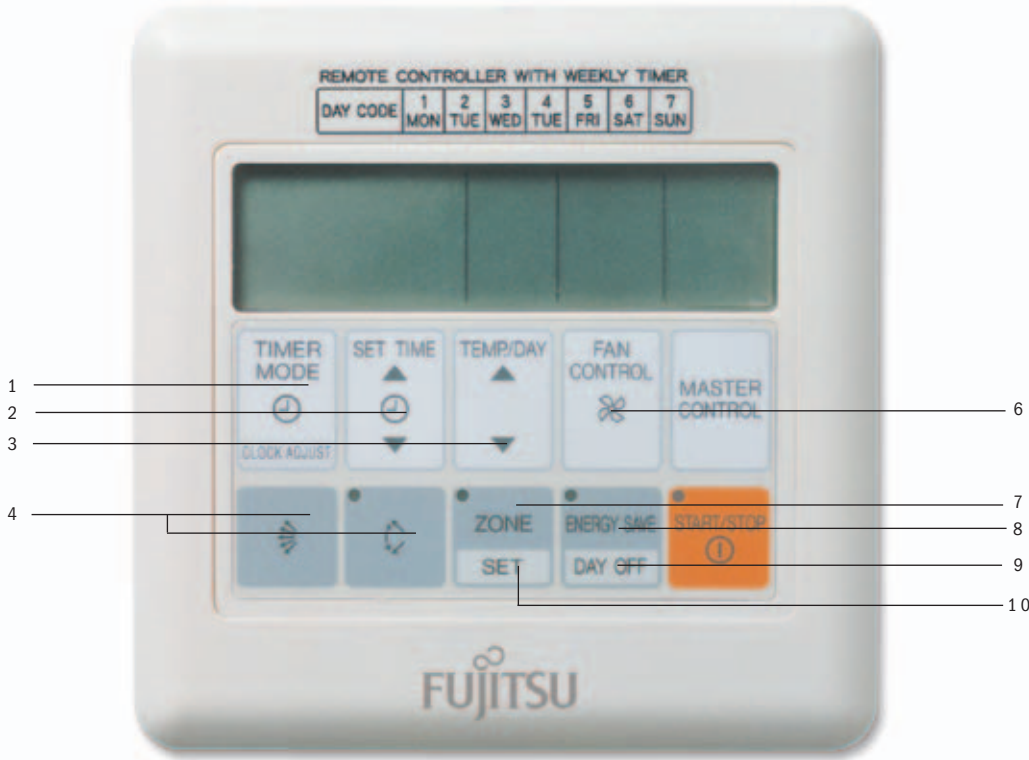
START/STOP button
- 8

Horizontal and fan airflow direction
- 10

DAY OFF button
One day TIMER cancellation.
- 11

Programming button
Date, time, minutes, connection/disconnection of the TIMER.

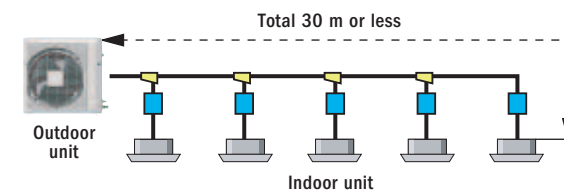
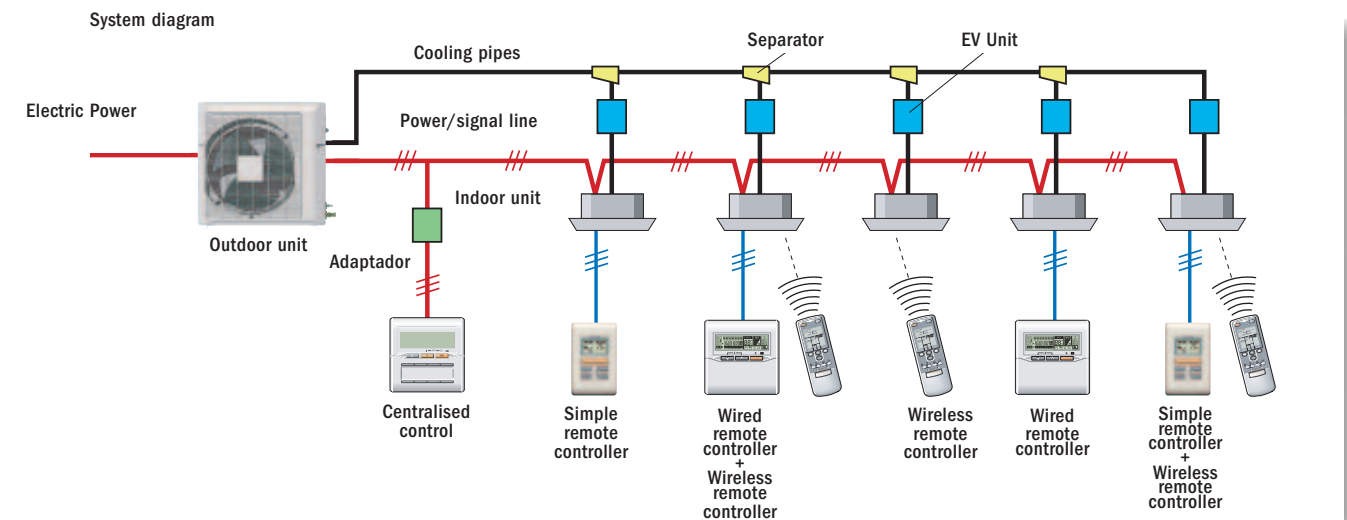
- FUNCTIONS**
 - Has 3 TIMER modes:
ON/OFF/WEEKLY.
 - Weekly TIMER functions:
 - Possibility of setting different on/off times according to the day of the week.
 - possibility of start/stop programming twice a day.
 - possibility of programming in periods of five minutes.
 - The TIMER program for one day can be cancelled by pressing "DAY/OFF".



μ VRF - J-Series. All the facilities

Easy and simple installation

Designed specifically to facilitate installation, this system makes it possible to connect the indoor units to a single cooling line using just one cable for the power supply and data transfer.



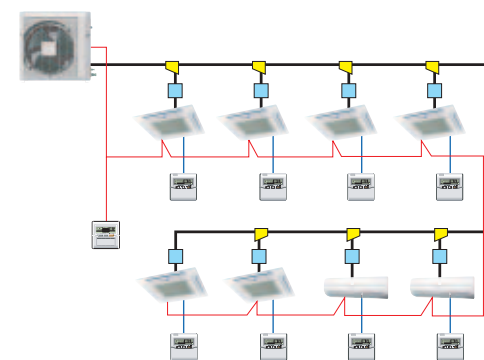
Preloaded system

No additional coolant load is required if the total length of the cooling lines does not exceed 30 m.

Efficiency + effectiveness

The latest generation Scroll Inverter compressor ensures high power with minimal consumption, achieving ongoing optimum performance.

Cooling COP	3.2
Heating COP	3.4



Up to 8 indoor units can be connected

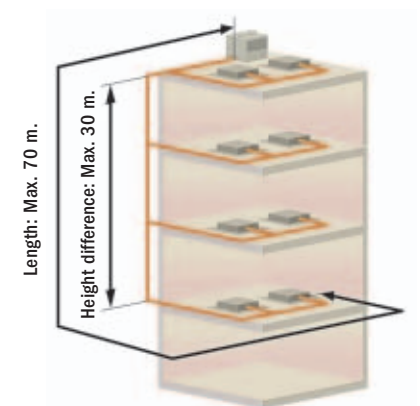
The μ VRF units make it possible to connect a single system to a maximum of 8 indoor units whose sum of capacities does not exceed 150% of the power of the outdoor unit.

max. 8 indoor units

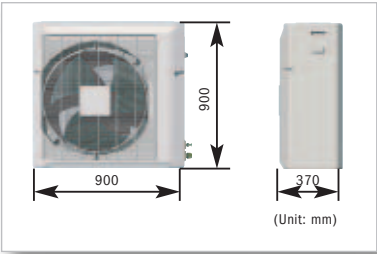
indoor units capacity 150%

High cooling distances

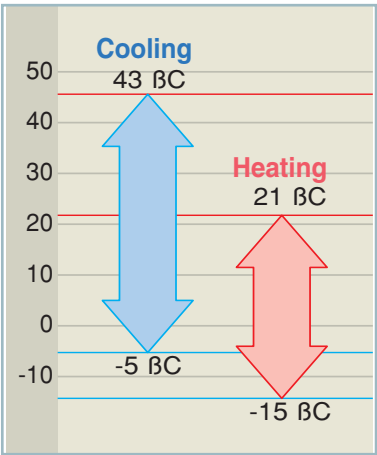
The cooling distance between the outdoor unit and the indoor unit furthest away can reach 70 m, with a height difference of 30 m. Likewise, the total length of cooling pipes allowed by the system is 115 m.



AOY140U



Small size.



Wide operating range.

Extraordinarily compact size:

Reduced weight and size that allows discreet positioning.

Wide operating range:

From -15° in heating mode to +43° in cooling mode.

High power and low consumption:

The high-performance inverter scroll compressor adapts to the needs of the installation.



AOY140U

Technical specifications

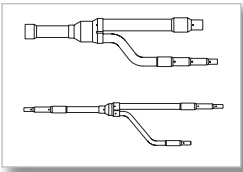
MODEL			AOY140U
Cooling capacity		kW	15,2
		kcal/h	13100
Heating capacity		kW	16,8
		kcal/h	14450
Energy efficiency ratio (E.E.R.)	Cooling		3,2
	Heating		3,4
Compressor			Inverter DC
Connectable indoor unit			8
Connectable indoor unit capacity			Until 150%
Power supply			220/1/50
Power consumption	Cooling	V/n°/Hz	4,75
	Heating	kW	4,88
Current			Inferior to 30 A
Electrical wiring			(U.U.) 2x6+T
Electrical connection			3x1,5+T
Air flow			5250
Dimensions	Width	mm	900
	Depth	mm	370
	Height	mm	900
Weight			97
Pipe connection method			Flare
Pipe size			3/4" - 3/8"
Pipe	Max. lenght	m	70
	Max. height	m	30
	Total	m	115
Refrigerant			R410A
Refrigerant charge			30
Operating range	Cooling	°C	-5°C to 43°C
	Heating	°C	-15°C to 21°C

Outdoor unit

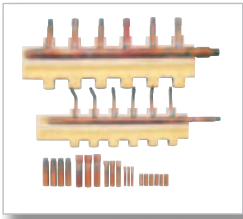
AOY140U HEAT PUMP	
Code	3NGF7050
Logistic reference	AOY54UJAMR
Price ref.	3.710

Models

	Unit EV mod. 7-25	Unit EV mod. 30-54	Separator	Header
Code	3NGG9010	3NGG9015	3NGG9020	3NGG9025
Logistic reference	UTR-EV2	UTR-EV3	UTR-BP54U	UTR-HD546U
Price ref.	72	78	48	143

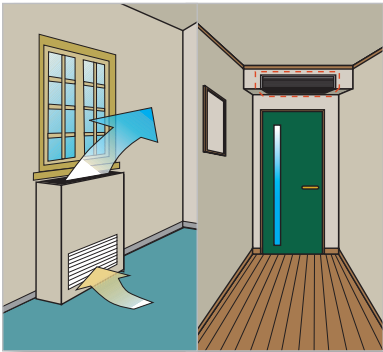


UTR-BP54U separator.

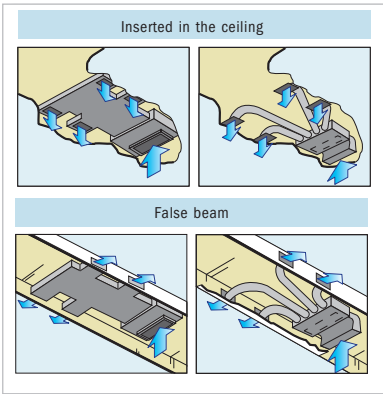


UTR-HD546U header.

ARY20-125



Maximum discretion for floor or ceiling installation.



Installation.

Easy installation:

its compact low-profile design allows for a wide range of installation possibilities.

Quiet operation:

the noise level has been reduced to extremely low levels for the purpose of minimising its impact.

Technical specifications

MODEL			ARY20	ARY25	ARY35	ARY40	ARY50	ARY60	ARY71	ARY100	ARY125
Cooling capacity		kW	2,15	2,80	3,50	4,00	5,30	6,00	7,05	10,5	12,7
		kcal/h	1850	2410	3010	3440	4560	5160	6060	9030	10920
Heating capacity		kW	2,45	3,10	4,10	4,80	5,60	6,30	7,85	10,7	13,7
		kcal/h	2110	2670	3530	4130	4820	5420	6750	9200	11780
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	32	32	49	49	77	77	155	315	315
Runing current		A	0,20	0,20	0,24	0,24	0,36	0,36	0,68	1,44	1,44
Maximum current		A	0,24	0,24	0,29	0,29	0,40	0,40	0,84	1,84	1,84
Air flow	High	m³/h	420	420	620	620	890	890	1200	2000	2200
	Medium	m³/h	390	390	550	550	840	840	1100	1800	2000
	Low	m³/h	360	360	470	470	780	780	1000	1600	1800
Static pressure (Min/Máx)		Pa	0/40	0/40	0/40	0/40	0/40	0/40	30/160	30/180	30/180
Noise level	High	dB (A)	34	34	33	33	42	42	44	49	49
	Medium	dB (A)	32	32	29	29	41	41	42	47	47
	Low	dB (A)	31	31	27	27	38	38	40	45	45
Dimensions	Width	mm	663	663	953	953	953	953	1210	1210	1210
	Depth	mm	595	595	595	595	595	595	700	700	700
	Height	mm	217	217	217	217	217	217	270	270	270
Net weight		kg	18	18	25	25	25	25	43	45	45
Pipe size	Liquid	inch.	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
	Gas	inch.	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"
Pipe connection method			Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Refrigerant		type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30



ARY71/100/125



Receptor



ARY20/25/35/40/50/60

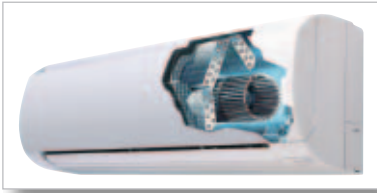
- Low-profile, with a height of just 217 mm (270 mm for model 22 and higher).
- Horizontal or vertical installation for models up to 22.
- Return through the upper or lower part.

Models

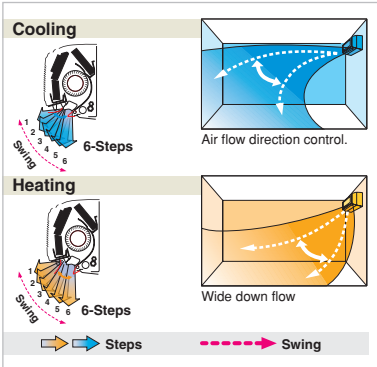
		ARY20 HEAT PUMP	ARY25 HEAT PUMP	ARY35 HEAT PUMP	ARY40 HEAT PUMP	ARY50 HEAT PUMP	ARY60 HEAT PUMP	ARY71 HEAT PUMP	ARY100 HEAT PUMP	ARY125 HEAT PUMP
Unit	Code	3NGF7800	3NGF7805	3NGF7810	3NGF7815	3NGF7820	3NGF7825	3NGF7831	3NGF7841	3NGF7846
	Logistic reference	ARY 7UFABR	ARY 9UFABR	ARY 12UFADR	ARY 14UFADR	ARY 18UFADR	ARY 22UFADR	ARY 25UFAAR	ARY 36UFAAR	ARY 45UFAAR
Price Ref.		474	500	549	569	590	608	670	880	962



ASY20-71



High-efficiency.



Multi air flow.

New compact model:

The dimensions of these units (up to the model 40) have been reduced by 42% with regard to the previous design. They also incorporate a new removable panel that can be easily cleaned.

Aesthetic design:

The vertical and horizontal symmetry provides an elegant design that combines with any interior decor.

Technical specifications

MODEL			ASY20	ASY25	ASY35	ASY40	ASY50	ASY71
Cooling capacity	Kcal/h		2,15	2,80	3,50	3,80	5,40	6,90
	W		1850	2410	3010	3270	4640	5930
Heating capacity	Kcal/h		2,45	3,10	4,10	4,50	5,60	7,80
	W		2110	2670	3530	3870	4820	6710
Power supply	V/n°/Hz		220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption	W		26	33	40	40	38	50
Runing current	A		0,15	0,17	0,21	0,21	0,18	0,24
Maximum current	A		0,18	0,21	0,24	0,24	0,22	0,29
Air flow	High	m³/h	410	500	540	540	840	950
	Medium	m³/h	370	450	510	510	700	800
	Low	m³/h	350	410	480	480	600	670
Noise level	High	dB (A)	30	36	39	39	42	45
	Medium	dB (A)	27	33	37	37	39	41
	Low	dB (A)	26	30	34	34	35	37
Dimensions	Width	mm	808	808	808	808	1120	1120
	Depth	mm	187	187	187	187	220	220
	Height	mm	257	257	257	257	320	320
Net weight	kg		8,2	8,2	8,2	8,2	16	16
Pipe size	Liquid	inch.	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	inch.	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"
Pipe connection method			Flare	Flare	Flare	Flare	Flare	Flare
Refrigerant	type		R410A	R410A	R410A	R410A	R410A	R410A
Operating range	Cooling	°C	18°C to 30°C	18°C to 30°C	18°C to 30°C	18°C to 30°C	18°C to 30°C	18°C to 30°C
	Heating	°C	16°C to 30°C	16°C to 30°C	16°C to 30°C	16°C to 30°C	16°C to 30°C	16°C to 30°C



ASY20/25/35/40



ASY50/71

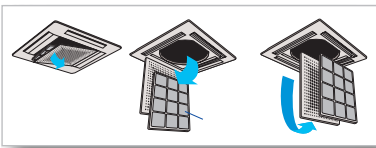
- Low noise level.
- Excellent control of air distribution.
- New compact models with reduced Sizes.

Models

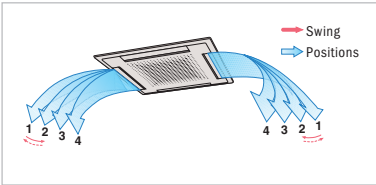
		ASY20 HEAT PUMP	ASY25 HEAT PUMP	ASY35 HEAT PUMP	ASY40 HEAT PUMP	ASY50 HEAT PUMP	ASY71 HEAT PUMP
Unit	Code	3NGF7600	3NGF7605	3NGF7610	3NGF7615	3NGF7620	3NGF7625
	Logistic reference	ASY 7UFADR	ASY 9UFADR	ASY 12UFADR	ASY 14UFADR	ASY 18UFAJR	ASY 24UFAJR
Price Ref.		376	394	411	437	471	521



AUY20-140



Easy maintenance.



Fan 4 positions.



Selection of 2 to 4 channels.

Accessibility:

It has a large opening that facilitates access to the filter, electrical components and the fan, simplifying maintenance tasks.

Greater comfort:

The automatic positioning of the output angle, the selection of the number of channels and the possibility of distributing the air through auxiliary conduits allow it to be adapted to any environment.

Adjustable height:

From the model 50 onwards, there is the possibility of reducing the height for installation in false ceilings with little free space.

Technical specifications

MODEL			AUY20	AUY25	AUY35	AUY40	AUY50	AUY71	AUY80	AUY100	AUY125	AUY140
Cooling capacity		Kcal/h	2,15	2,80	3,60	4,00	5,00	7,05	8,80	10,5	12,7	14,1
		W	1850	2410	3100	3440	4300	6060	7570	9030	10920	12130
Heating capacity		Kcal/h	2,45	3,10	4,10	4,50	5,45	7,85	9,10	10,7	13,7	15,8
		W	2110	2670	3530	3870	4690	6750	7830	9200	11780	13590
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	28	28	52	52	50	124	140	175	190	219
Runing current		A	0,13	0,13	0,23	0,23	0,22	0,64	0,67	0,92	0,94	0,95
Current		A	0,15	0,15	0,27	0,27	0,26	0,77	0,80	1,10	1,12	1,14
Air flow	High	m³/h	530	530	580	580	640	1100	1200	1500	1650	1780
	Medium	m³/h	480	480	520	520	540	940	1050	1300	1450	1550
	Low	m³/h	410	410	460	460	470	780	840	1100	1200	1300
Noise level	High	dB (A)	38	38	41	41	44	42	45	48	49	52
	Medium	dB (A)	35	35	37	37	38	40	42	44	47	49
	Low	dB (A)	31	31	34	34	35	39	39	41	43	45
Dimensions	Width	mm	570	570	570	570	570	830	830	830	830	830
	Depth	mm	570	570	570	570	570	830	830	830	830	830
	Height	mm	230	230	230	230	230	246	246	296	296	296
Net weight		kg	18	18	18	18	18	34	34	40	40	40
Pipe size	Liquid	inch.	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas	inch.	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"
Pipe connection method			Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Refrigerant		type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30



AUY71/80/100/125/140



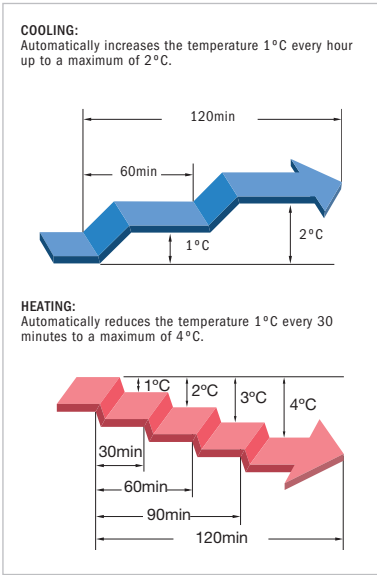
AUY20/25/35/40/50

- Compact design up to the model 50 range, which adapts to the 600 x 600 mm panels.
- Condensate pump with elevation up to 800 mm (400 mm for model 18 and below).

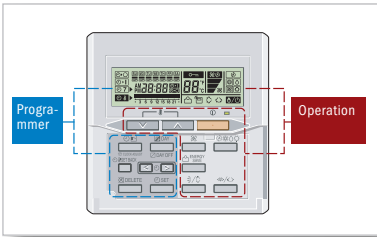
Models

		AUY20	AUY25	AUY35	AUY40	AUY50	AUY71	AUY80	AUY100	AUY125	AUY140
		HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
Unit	CODE	3NGF7700	3NGF7705	3NGF7710	3NGF7715	3NGF7720	3NGF7730	3NGF7735	3NGF7740	3NGF7745	3NGF7750
	Logistic reference	AUY 7UFAAR	AUY 9UFAAR	AUY 12UFAAR	AUY 14UFAAR	AUY 18UFAAR	AUY 25UFARR	AUY 30UFARR	AUY 36UFASR	AUY 45UFASR	AUY 54UFASR
Price Ref.		709	718	751	779	829	918	1.019	1.152	1.170	1.286

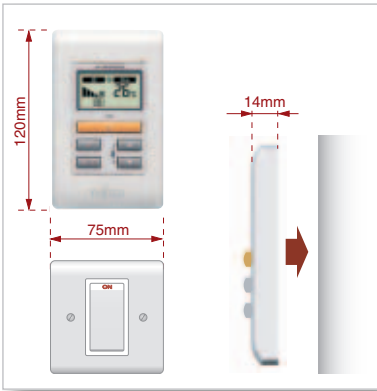




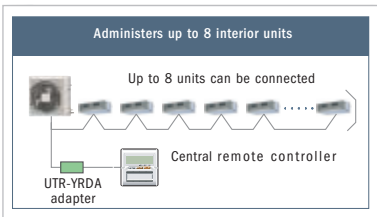
Wireless remote controller.



Wired remote controller.



Simple remote controller.



Central remote controller.

Wireless remote controller

- Daily programmer built in.
- Sleep function.
- Code selector to avoid confusion between interior units.
- Included in all interior unit models.

Wired remote controller
UTB-YUB

- Weekly programmer.
- Easy use.
- Simple installation.
- Temperature sensor built in.

Simple remote controller
UTB-YUB

- Elegant and compact design.
- Simple use.
- Luminous background for use in the dark.

Central remote controller
UTB-YDA

- Administers up to 8 interior units
- Weekly programmer built in.
- On/off of groups



Wired remote controller
UTB - YUB



Wireless remote
controller



Central remote controller
UTB - YGD



Simple remote controller
UTB - YPB

Models

	UTB-YUB	UTB-YPB	UTB-YDA
Code	3NGF9050	3NGF9030	3NGG9040
Price Ref.	95	76	to consult

Top features and comfort

The variable refrigerant flow system uses the latest technology to achieve the highest level of features and comfort at the lowest energy cost. The reliability, flexibility, ease of installation and the high number of possible configurations are to some of the numerous advantages that the VRF System offers you.

FUJITSU



Outdoor unit



Cassette



Ducts
Compact products



Ducts



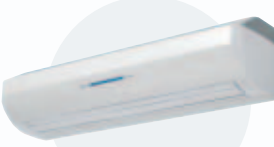
Floor-ceiling



Large Ceiling



Wall Mounted

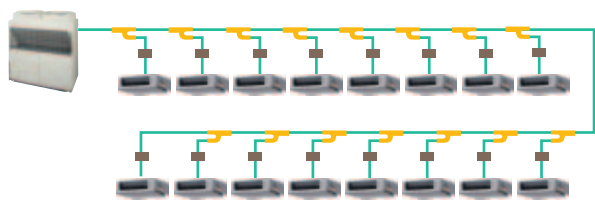


Wall Ceiling

VRF S-Series

Design Flexibility

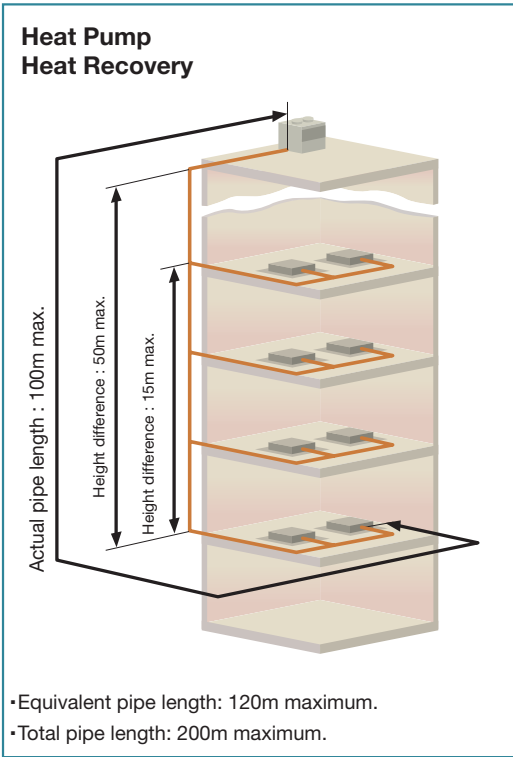
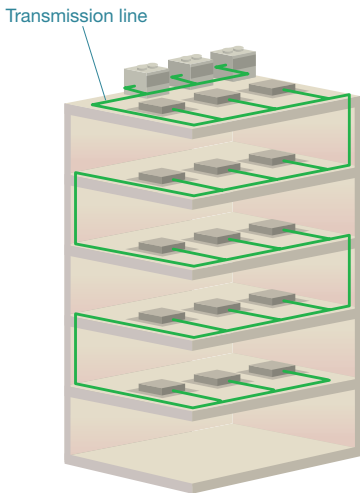
The VRF system allows installation of up to 16 indoor units for each outdoor unit (up to 13 units on the 8 HP), with a connected power of up to 130% of the outdoor unit's capacity.



Up to 16 indoor units for one outdoor unit **28 kW**

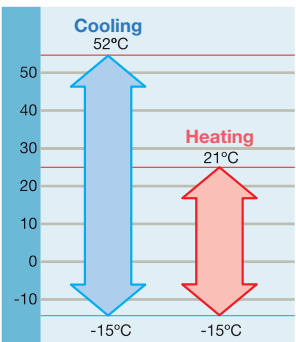
Easy to install

All the outdoor and indoor units connect to a single, non-polar twin-strand transmission line, avoiding errors and simplifying installation.



Extended cooling distances

The distance between the furthest indoor unit and the outdoor unit can reach 100 m and with a height difference of 50 m. The system allows the total length of refrigerant pipes of 200 m.



Wide performance range

The outdoor unit can operate within a range of outside temperatures from -15°C to 52°C in cooling mode, and from 15°C to 21°C in heating mode.

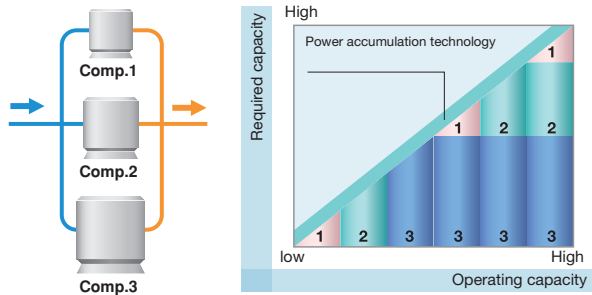
*Heat pump series

High COP

The new refrigerant dual flow control system using dual control technology and the optimum balance of the multi compressor system provide the highest efficiency, reaching COP levels greater than outdoor units of an equivalent class.

High COP	
Cooling COP	3.1
Heating COP	3.7

20% higher
compared to outdoor units of equivalent class
* AOC907PBMF

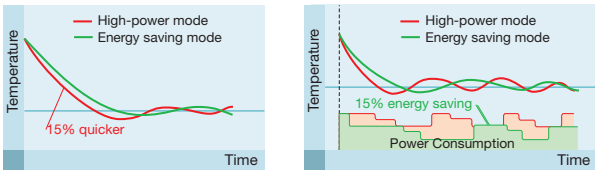


Multi compressor system

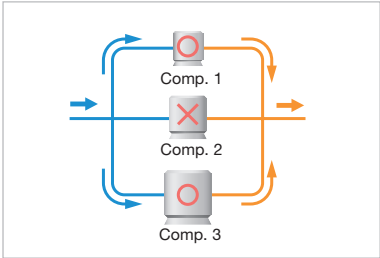
The compressor capacity is obtained via the optimum balance of three compressors that are individually adjusted. This technology is extremely efficient and allows the coolant flow to be precisely adjusted.

Selectable Operation Mode

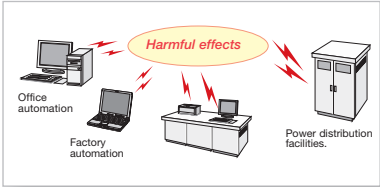
The high power or energy-saving operation can be selected at will and these have the effect of changing the air diffusion temperature by 2°C. The energy save mode allows consumption to be reduced by 15% and the high power mode increases the capacity by an equal amount.



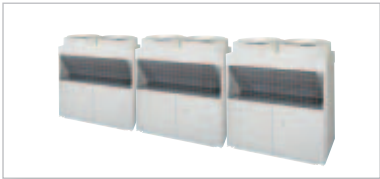
AOY90 TPAMBF



3 compressors



No harmonic disturbances



Easy installation

High reliability:

In the event of compressor failure, the remaining compressors can continue operating.

Free of electronic disturbances:

Given that the VRF system does not use Inverter technology, there is no interference with electronic units.

Easy to install:

Its compact size and the possibility of making cooling connections in any direction simplify installation.



Technical specifications

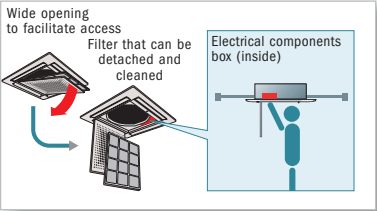
MODEL			AOY90 TPAMF	AOY90 TPBMF	AOY72 TPBMF
Refrigerant			R407C	R407C	R407C
Power Requeriment			3 PH, 380 - 415V, 50 Hz	3 PH, 380 - 415V, 50 Hz	3 PH, 380 - 415V, 50 Hz
Capacity	Cooling	kW	28	28	22,4
	Heating	kW	31,5	31,5	25,2
Power consumption	Cooling	kW	9,4	9	7,2
	Heating	kW	10	8,5	7,6
Energy Efficiency Ratio (E.E.R.)	Cooling		3,0	3,1	3,1
	Heating		3,2	3,7	3,3
Heat exchanger			Plate fin coil	Plate fin coil	Plate fin coil
Fan speed	High	r.p.m.	730	730	730
	Low	r.p.m.	360	360	360
Air flow	High	m³/h	9800	9800	9800
Fan Type x Qty.			Propeller x 2	Propeller x 2	Propeller x 2
Fan motor output			150 x 2	150 x 2	150 x 2
Compressor	Motor output	kW	1,5/3,4/5,0	1,5/3,4/4,9	1,5/2,5/4,8
	Protection	kW	Internal protector (OCR)/HPRV	Internal protector (OCR)/HPRV	Internal protector (OCR)/HPRV
Dimensions (Height x Width x Depth)	Net	mm	1380 x 1300 x 650	1380 x 1300 x 650	1380 x 1300 x 650
	Gross	mm	1535 x 1400 x 770	1535 x 1400 x 770	1535 x 1400 x 770
Weight	Net	kg	306	285	278
	Gross	kg	343	321	314
Noise level 380V		dB (A)	57	55	54
Refrigerant	Type		R407C	R407C	R407C
	Charge	kg	10	12	10
Pipes Size	Liquid	mm	Ø 12,7	Ø 12,7	Ø 12,7
	Discharge Gas	mm	Ø 19,05	-	-
	Suction Gas	mm	Ø 28,58	Ø 28,58	Ø 28,58
	Maximum length	m	100	100	100
	Maximum height	m	50	50	50
Operating range	Cooling	°C	-5 to 52	-15 to 52	-5 to 52
	Heating	°C	-15 to 21	-15 to 21	-15 to 21

AOY90 TPAMF

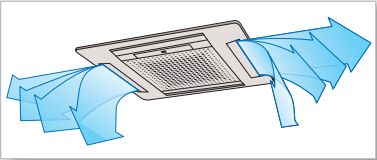
Models

	AOY90 TPAMF	AOY90 TPBMF	AOY72 TPBMF
Code	3DGF7010	3DGF7030	3DGF7040
Price ref.	6.023	5.450	4.922

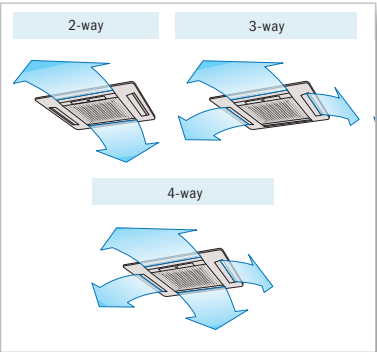
AUY20-50



Easy Maintenance.



Fan.



2 ~ 4 way air flow system.

Accessibility:

It has a large opening that facilitates access to the filter, electrical components and the fan, simplifying maintenance tasks.

Greater comfort:

The automatic positioning of the output angle, the selection of the number of channels and the possibility of distributing the air through auxiliary ducts allow it to be adapted to any environment.



AUY20-25-35-40-50



Technical specifications

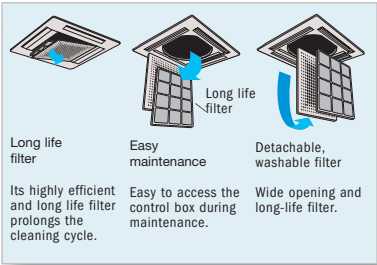
MODEL			AUY20	AUY25	AUY35	AUY40	AUY50
Cooling capacity		kW	2,15	2,8	3,6	4	5
		kcal/h	1849	2408	3096	3440	4300
Heating capacity		kW	2,45	3,1	4,1	4,5	5,45
		kcal/h	2107	2666	3526	3870	4687
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	28	28	52	52	50
Current		A	0,13	0,13	0,23	0,23	0,22
Maximum current		A	0,15	0,15	0,27	0,27	0,26
Air flow	High	m³/h	530	530	580	580	640
	Medium	m³/h	480	480	520	520	540
	Low	m³/h	410	410	460	460	470
Noise Level	High	db (A)	38	38	41	41	44
	Medium	db (A)	35	35	37	37	38
	Low	db (A)	31	31	34	34	35
Dimensions	Width	mm	570	570	570	570	570
	Depth	mm	570	570	570	570	570
	Height	mm	230	230	230	230	230
Weight		kg	18	18	18	18	18
Pipe size	Liquid	Inches	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	Inches	3/8"	3/8"	1/2"	1/2"	5/8"
Pipe connection method			Flare	Flare	Flare	Flare	Flare
Refrigerant			R407C	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30

- Low sound level thanks to its variable fan.
- Compact design that adapts to the 600x600 mm panels.
- Condensate pump with elevation up to 400 mm.

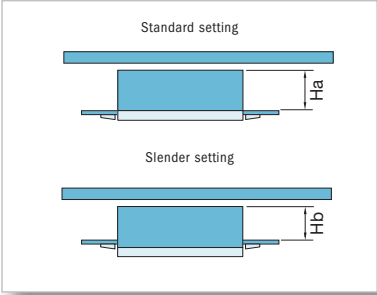
Models

		AUY20	AUY25	AUY35	AUY40	AUY50
Unit	Code	3DGF7300	3DGF7310	3DGF7320	3DGF7330	3DGF7340
	Logistic reference	AUY 7LFBAF	AUY 9LFBAF	AUY 12LFBAF	AUY 14LFBAF	AUY 18LFBAF
Price ref.		823	838	859	907	941

AUY50-140



Easy Maintenance.



Flexible installation.

Accessibility:

It has a large opening that facilitates access to the filter, electrical components and the fan, simplifying maintenance tasks.

Adjustable height:

There is a possibility of reducing its height for installation in false ceilings with little free space.



AUY50-71-80-100-125-140



Technical specifications

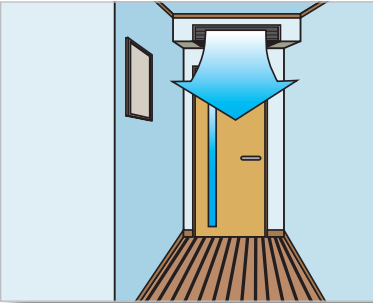
MODEL			AUY50	AUY71	AUY80	AUY100	AUY125	AUY140
Cooling capacity		kW	5,7	7,05	8,8	10,5	12,7	14,1
		kcal/h	4.902	6.063	7.568	9.020	10.940	12.120
Heating capacity		kW	5,8	7,85	9,1	10,7	13,7	15,8
		kcal/h	4.988	6.751	7.840	9.200	11.790	13.580
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	104	124	140	175	190	219
Current		A	0,6	0,64	0,67	0,92	0,94	0,95
Maximum current		A	0,72	0,77	0,8	1,1	1,12	1,14
Air flow	High	m³/h	1.000	1.100	1.200	1.500	1.650	1.780
	Medium	m³/h	840	940	1.050	1.300	1.450	1.550
	Low	m³/h	700	780	840	1.100	1.200	1.300
Noise level	High	db (A)	41	43	46	48	49	52
	Medium	db (A)	37	40	43	44	47	48,5
	Low	db (A)	33	35	37	41	43	45
Dimensions	Width	mm	830	830	830	830	830	830
	Depth	mm	830	830	830	830	830	830
	Height	mm	246	246	246	296	296	296
Weight		kg	34	34	34	40	40	40
Pipe size	Liquid	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
	Gas	inches	5/8"	5/8"	5/8"	3/4"	3/4"	3/4"
Pipe connection method			Flare	Flare	Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30

- Low sound level thanks to its variable fan.
- Air discharge system from 2 to 4 channels.
- Condensate pump with elevation up to 800 mm.

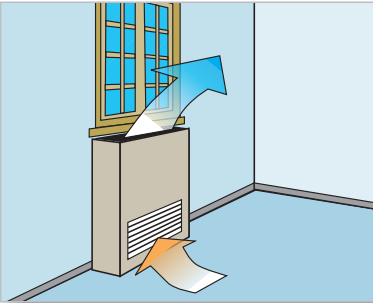
Models

		AUY50	AUY71	AUY80	AUY100	AUY125	AUY140
Unit	Code	3DGF7350	3DGF7360	3DGF7370	3DGF7380	3DGF7390	3DGF7395
	Logistic reference	AUY 20LFBRF	AUY 25LFBRF	AUY 30LFBRF	AUY 36LFBSF	AUY 45LFBSF	AUY 54LFBSF
Price ref.		958	998	1.112	1.257	1.328	1.396

ARY20-50



Ceiling positioning.



Floor positioning.

Easy to install:

Its compact low-profile design and the possibility of horizontal or vertical configuration allow for a wide range of installation possibilities.

Quiet operation:

For the purpose of minimising its impact in small rooms, the sound level has been reduced to 26 dB(A).

Technical specifications

MODEL			ARY20	ARY25	ARY35	ARY40	ARY50
Cooling capacity		kW	2,15	2,8	3,5	4	5,3
		kcal/h	1840	2420	3000	3450	4560
Heating capacity		kW	2,45	3,1	4,1	4,8	5,6
		kcal/h	2120	2670	3530	4130	4810
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	40	43	34	50	62
Current		A	0,21	0,21	0,2	0,23	0,27
Maximum current		A	0,25	0,25	0,24	0,27	0,32
Air flow	High	m³/h	340	420	460	640	750
	Medium	m³/h	320	390	430	560	700
	Low	m³/h	290	360	390	480	640
Static pressure (Min/Máx)		Pa	0/40	0/40	0/40	0/40	0/40
Noise level	High	db (A)	31	35	28	34	36
	Medium	db (A)	28	33	27	32	35
	Low	db (A)	26	31	26	30	33
Dimensions	Width	mm	663	663	953	953	953
	Depth	mm	595	595	595	595	595
	Height	mm	217	217	217	217	217
Weight		kg	18	18	25	25	25
Pipe size	Liquid	inches	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	inches	3/8"	3/8"	1/2"	1/2"	5/8"
Pipe connection method			Flare	Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30



ARY 20-25-35-40-50

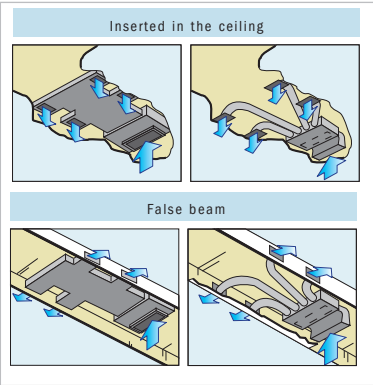
- Low-profile, with a height of just 217 mm.
- Horizontal or vertical installation.

Models

		ARY20	ARY25	ARY35	ARY40	ARY50
Unit	Code	3DGF7400	3DGF7410	3DGF7420	3DGF7430	3DGF7440
	Logistic reference	ARY 7LFKBF	ARY 9LFKBF	ARY 12LFKDF	ARY 14LFKDF	ARY 18LFKDF
Price ref.		575	590	670	707	750



ARY71-170H



Installation methods.

Versatile distribution:

With an available pressure of up to 300 Pa for the AR60H and AR90H models, it is possible to carry out wide distribution of ducts to condition several areas.

Simple connections:

The condensate pipes can be connected in different directions to facilitate installation.

Technical specifications

MODEL			ARY71	ARY80	ARY100	ARY125	ARY170H
Cooling capacity		kW	7,05	8,8	10,5	12,7	17
		kcal/h	6070	7560	9070	10960	14620
Heating capacity		kW	7,85	9,1	10,7	13,7	17,6
		kcal/h	6750	7.810	9200	11840	15150
Power supply		V/n°/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption		W	155	240	265	315	733
Current		A	0,68	1,06	1,16	1,44	3,58
Maximum current		A	0,84	1,58	1,58	1,84	4,81
Air flow	High	m³/h	1200	1650	2000	2200	3000
	Medium	m³/h	1100	1550	1800	2000	2750
	Low	m³/h	1000	1350	1600	1800	2500
Static pressure (Min/Máx)		Pa	30/160	30/180	30/180	40/180	80/300
Noise level	High	db (A)	44	47	47	49	53
	Medium	db (A)	42	45	45	47	52
	Low	db (A)	40	43	43	45	51
Dimensions	Width	mm	1210	1210	1210	1210	1250
	Depth	mm	700	700	700	700	800
	Height	mm	270	270	270	270	400
Weight		kg	43	43	45	45	75
Pipe size	Liquid	inches	1/4"	3/8"	3/8"	3/8"	3/8"
	Gas	inches	5/8"	5/8"	3/4"	3/4"	3/4"
Pipe connection method			Flare	Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30



ARY71-80-100-125



ARY170

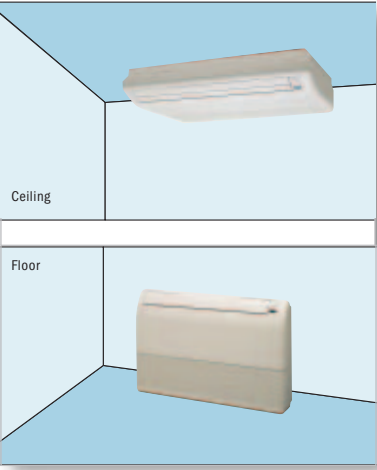
- Up to model 45 in low profile of 270 mm.
- Return through the upper or lower part.

Models

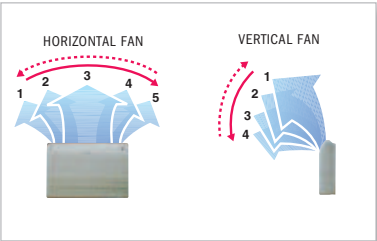
		ARY71	ARY80	ARY100	ARY125	ARY170H
Unit	Code	3DGF7450	3DGF7460	3DGF7470	3DGF7480	3DGF7490
	Logistic reference	ARY25LFBNK	ARY30LFBNK	ARY36LFBNK	ARY45LFBNK	ARY60LFBKF
Price ref.		785	897	1.010	1.122	1.676



ABY35-71



Installation methods.



Double automatic fan.

Excellent air distribution:

The combination of slat movements allows full control of air distribution.

High level of comfort:

The low sound level and automatic movement of the slats in accordance with the mode selected provide a high level of comfort.

Technical specifications

MODEL			ABY35	ABY40	ABY50	ABY71
Cooling capacity		kW	3,5	4,05	5,3	6,6
		kcal/h	3000	3480	4560	5670
Heating capacity		kW	4,1	5	5,6	7,7
		kcal/h	3530	4310	4810	6630
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	57	57	88	88
Current		A	0,25	0,25	0,38	0,38
Maximum current		A	0,3	0,3	0,45	0,45
Air flow	High	m³/h	640	640	770	900
	Medium	m³/h	560	560	680	780
	Low	m³/h	480	480	560	660
Noise level	High	db (A)	41	41	47	50
	Medium	db (A)	38	38	42,5	46
	Low	db (A)	35	35	38	42
Dimensions	Width	mm	990	990	990	990
	Depth	mm	655	655	655	655
	Height	mm	199	199	199	199
Weight		kg	28	28	28	30
Pipe size	Liquid	inches	1/4"	1/4"	1/4"	1/4"
	Gas	inches	1/2"	1/2"	5/8"	5/8"
Pipe connection method			Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30



ABY35-40-50-71

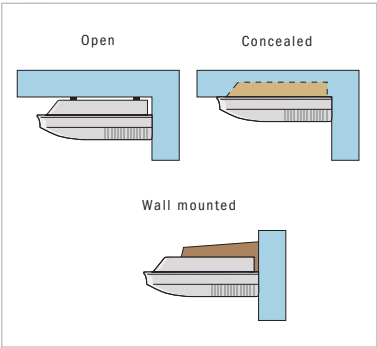
- Horizontal or vertical installation.
- Slim, compact design.

Models

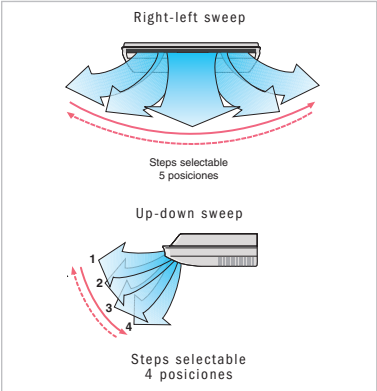
		ABY35	ABY40	ABY50	ABY71
Unit	Code	3DGF7200	3DGF7210	3DGF7220	3DGF7230
	Logistic reference	ABY12LFBJF	ABY14LFBJF	ABY18LFBJF	ABY24LFBJF
Price ref.		789	827	878	916



ABY80-140



Installation possibilities.



Twin automatic sweep.

Excellent air distribution:

The combination of slat movements allows full control of air distribution.

Several installation possibilities:

The unit can be attached to the ceiling, semi-concealed or wall mounted, simplifying the choice of location.



ABY80-100-125-140



Technical specifications

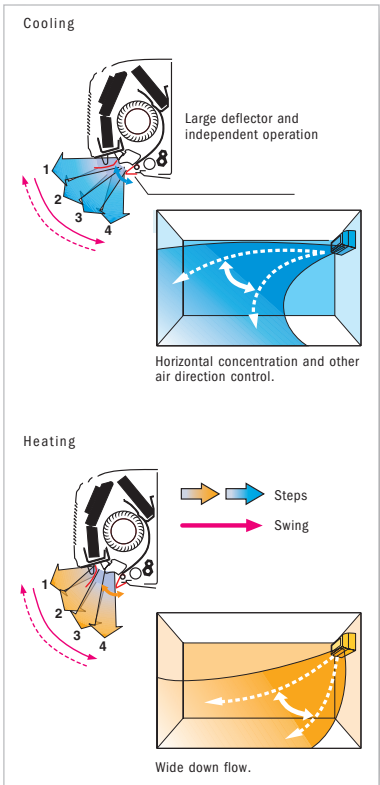
MODEL			ABY80	ABY100	ABY125	ABY140
Cooling capacity		kW	8,8	10,5	12,7	14,1
		kcal/h	7560	9070	10960	12150
Heating capacity		kW	9,1	10,7	13,7	15,8
		kcal/h	7810	9200	11840	13610
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	124	144	160	180
Current		A	1,14	1,16	1,17	1,17
Maximum current		A	1,36	1,39	1,40	1,40
Air flow	High	m³/h	1420	1660	1850	1900
	Medium	m³/h	1350	1500	1660	1700
	Low	m³/h	1190	1270	1430	1450
Noise level	High	db (A)	41,5	47	50	52
	Medium	db (A)	38	44	48	50
	Low	db (A)	34,5	39	44	46
Dimensions	Width	mm	1660	1660	1660	1660
	Depth	mm	700	700	700	700
	Height	mm	240	240	240	240
Weight		kg	48	48	48	49
Pipe size	Liquid	inches	3/8"	3/8"	3/8"	3/8"
	Gas	inches	5/8"	3/4"	3/4"	3/4"
Pipe connection method			Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30

- Allows the contribution of outside air.
- Twin adjustment of the air discharge direction.
- Easy access long-life filter.

Models

		ABY80	ABY100	ABY125	ABY140
Unit	Code	3DGF7240	3DGF7250	3DGF7260	3DGF7270
	Logistic reference	ABY30LFBGF	ABY36LFBGF	ABY45LFBGF	ABY54LFBGF
Price ref.		1.023	1.130	1.712	2.291

ASY20-80



Automatic twin fan and greater range.

New compact model:

The dimensions of these model (AS 7 - AS 14) have been reduced by 42% compared to the previous design. They also incorporate a new removable panel that can be easily cleaned.

Aesthetic design:

The vertical and horizontal symmetry provides an elegant design that combines with any interior decor.

Technical specifications

MODEL			ASY20	ASY25	ASY35	ASY40	ASY50	ASY71	ASY80
Cooling capacity		kW	2,15	2,8	3,5	3,8	5,4	6,8	8
		kcal/h	1860	2420	3000	3270	4640	5848	6880
Heating capacity		kW	2,45	3,1	4,1	4,5	5,6	7,7	8,8
		kcal/h	2120	2670	3530	3870	4820	6622	7560
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	26	30	35	39	38	50	60
Current		A	0,15	0,16	0,18	0,2	0,18	0,24	0,28
Maximum current		A	0,18	0,19	0,22	0,24	0,22	0,29	0,34
Air flow	High	m³/h	410	450	520	540	840	950	1060
	Medium	m³/h	380	410	500	510	700	800	930
	Low	m³/h	350	370	470	490	600	670	780
Noise level	High	db (A)	30	33	37	38	42,5	45	48
	Medium	db (A)	28	30	36	37	38,5	41	45
	Low	db (A)	26	27	34	35	35	37	41
Dimensions	Width	mm	808	808	808	808	1120	1120	1120
	Depth	mm	187	187	187	187	220	220	220
	Height	mm	257	257	257	257	320	320	320
Weight		kg	8,2	8,2	8,2	8,2	16	16	16
Pipe size	Liquid	inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	5/8"
	Gas	inches	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	5/8"
Pipe connection method			Flare	Flare	Flare	Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30	16 to 30



ASY2025-35-40



ASY50-71-80

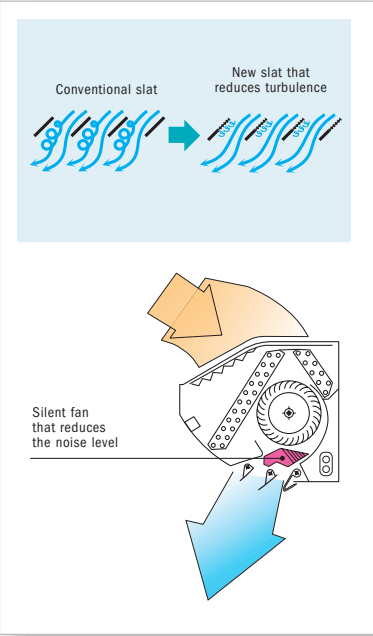
- Low noise level.
- Excellent control of air distribution.
- New compact models with reduced dimensions.

Models

		ASY20	ASY25	ASY35	ASY40	ASY50	ASY71	ASY80
Unit	Code	3DGF7150	3DGF7140	3DGF7160	3DGF7100	3DGF7105	3DGF7120	3DGF7130
	Logistic reference	ASY7LFBDF	ASY9LFBDF	ASY12LFBDF	ASY14LFBDF	ASY18LFBDF	ASY24LFBDF	ASY30LFBDF
Price ref.		491	501	514	533	568	592	762



AWY40 - AWY80



Low noise level.

Low noise level:

The new design of the deflector that removes turbulence and the wide upper air return reduce the noise level.

Easy access:

The drainage tray can be easily removed and the long-life filter is removed simply by pressing it.



AWY40-50-71-80



Technical specifications

MODEL			AWY40	AWY50	AWY71	AWY80
Cooling capacity		kW	4,3	5,4	6,9	8
		kcal/h	3700	4640	5950	6880
Heating capacity		kW	4,9	5,6	7,8	8,8
		kcal/h	4210	4810	6700	7560
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	21	30	40	50
Current		A	0,1	0,14	0,19	0,24
Maximum current		A	0,12	0,17	0,23	0,29
Air flow	High	m³/h	650	760	900	950
	Medium	m³/h	570	660	780	870
	Low	m³/h	490	560	650	780
Noise level	High	db (A)	37	40	44	47
	Medium	db (A)	35	37	41	45
	Low	db (A)	32	34	37	42
Dimensions	Width	mm	1150	1150	1150	1150
	Depth	mm	285	285	285	285
	Height	mm	270	270	270	270
Weight		kg	16	16	16	16
Pipe size	Liquid	inches	1/4"	1/4"	1/4"	3/8"
	Gas	inches	1/2"	5/8"	5/8"	5/8"
Pipe connection method			Flare	Flare	Flare	Flare
Refrigerant		type	R407C	R407C	R407C	R407C
Operating range	Cooling	°C	18 to 30	18 to 30	18 to 30	18 to 30
	Heating	°C	16 to 30	16 to 30	16 to 30	16 to 30

- Outstanding and exclusive design.
- Powerful air current.
- Easy access long-life filter.

Models

		AWY40	AWY50	AWY71	AWY80
Unit	Code	3DGF7530	3DGF7540	3DGF7550	3DGF7560
	Logistic reference	AWY14LFBJ	AWY18LFBJ	AWY24LFBJ	AWY30LFBJ
Price ref.		604	642	672	836

Wide range of control possibilities:

The units can be administered from cable, wireless, simplified or centralised controls, via PC or through external control systems.

Simple maintenance:

A PC can be connected at any point of the transmission line in order to manage or supervise the system.

Less wiring:

A twin strand, non-polar single line is sufficient to connect all the units.

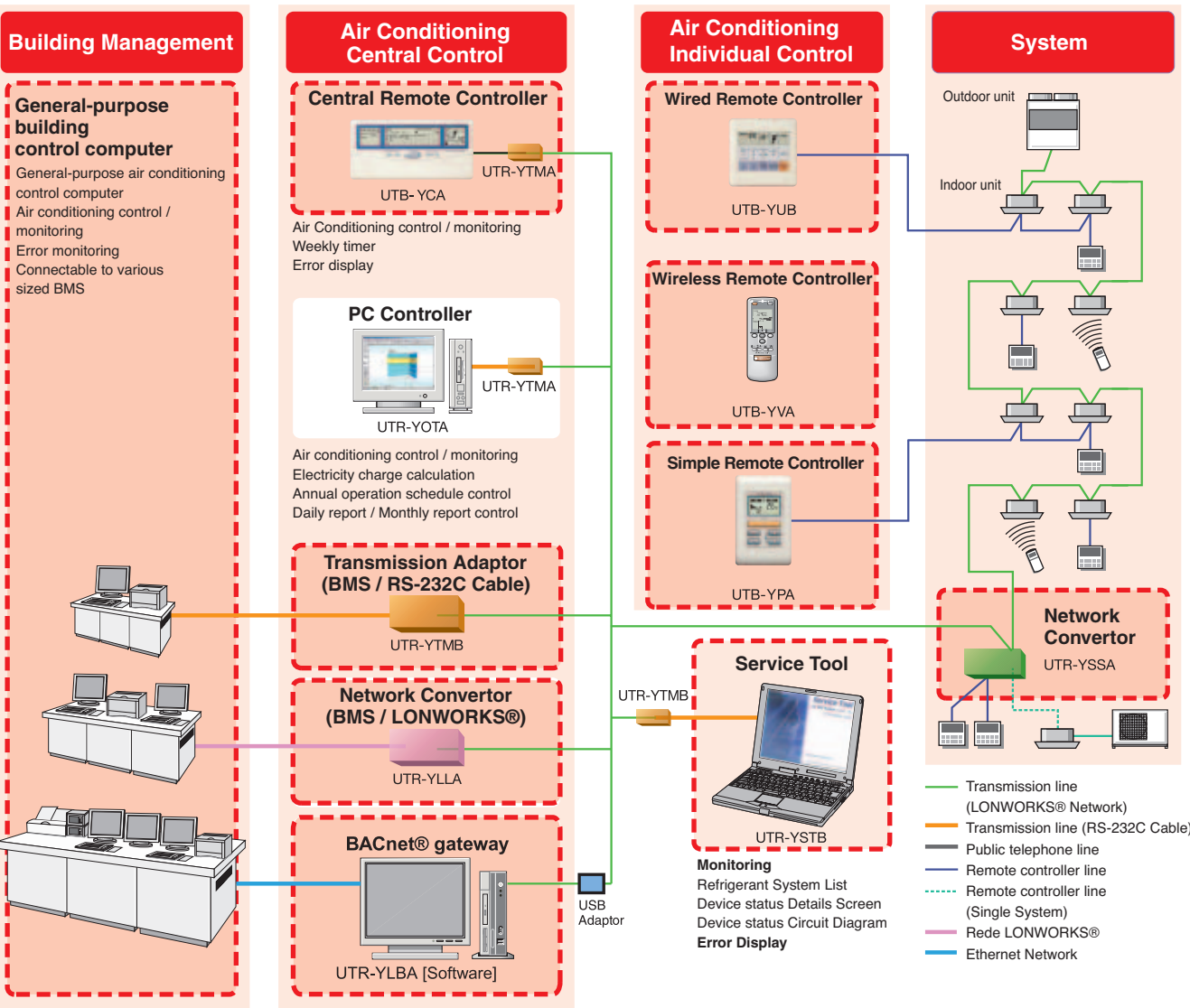
High capacity:

Up to 400 indoor units can be connected to a transmission system.

Integration of other apparatus:

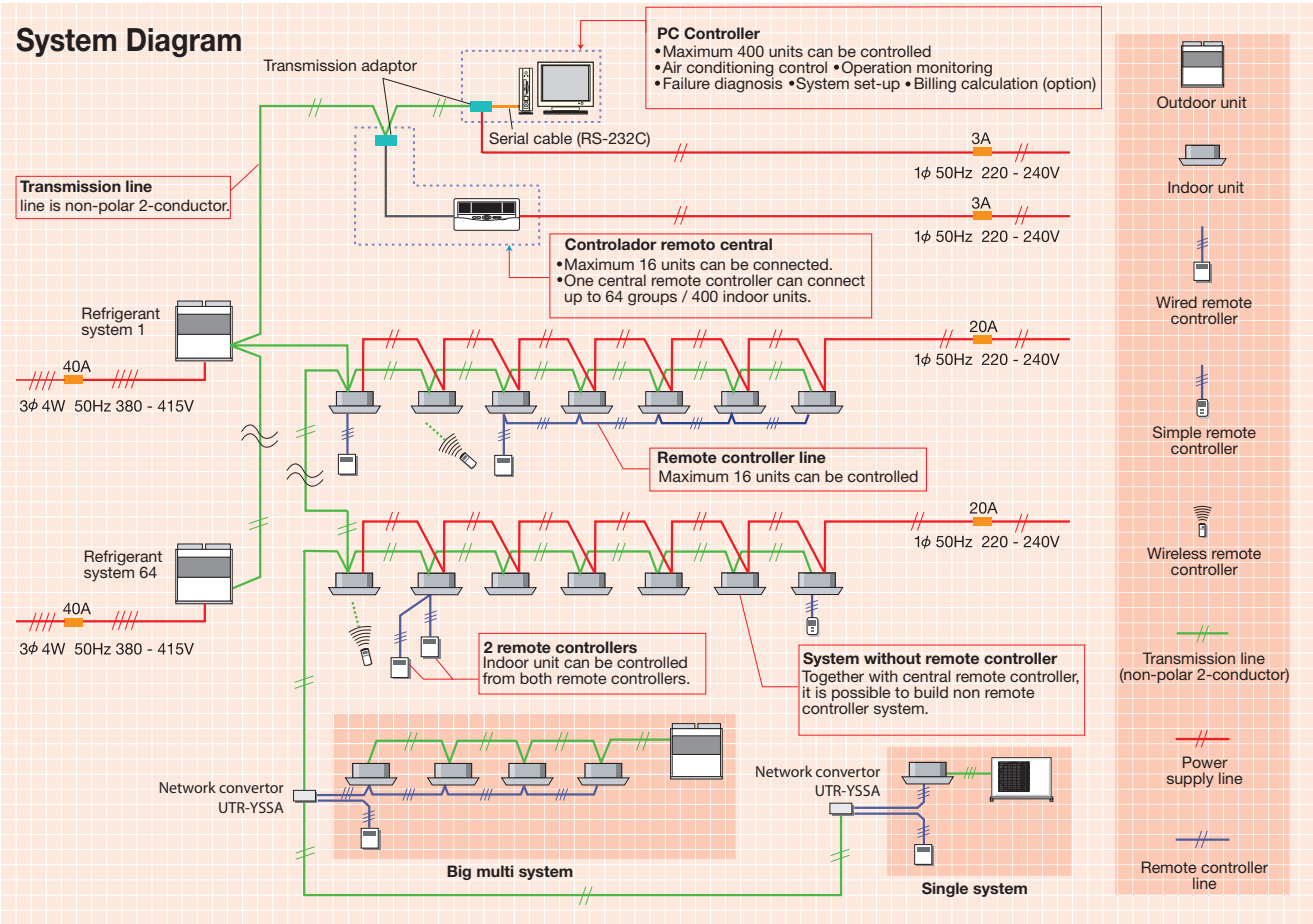
Possibility of integrating split or large room units into the VRF control system.

Configuration of control system



LONWORKS® is a registered mark of Echelon Corporation.

System Diagram



Remote controllers

Wired remote controller

UTB - YUB

- Possibility of controlling up to 16 indoor units.
- Energy save and antifreeze function.
- Weekly programmer built in.
- Check and self diagnostics
- Compatible with all indoor units except compact wall units.
- Temperature sensor built in.

Wireless remote controller

UTB - YVA

- Daily programmer built in.
- Elevated reach and precision.
- Energy save and sleep function.
- Code selector to avoid confusion between indoor units.
- Compatible with all indoor units except ducts.

Simple remote controller

UTB - YPA

- Simple use.
- Slim, compact design.
- Luminous background for use in the dark.
- Especially recommended for hotels and offices.



Wired remote controller
UTB - YUB



Wireless remote controller
UTB - YVA



Simple remote controller
UTB - YPA

Models

	UTB - YUB	UTB - YVA	UTB - YPA
Code	3NGF9050	3DGF9411	3DGF9450
Price ref.	95	42	76

Central remote controller
UTB - YCA

- Possibility of controlling up to 400 indoor units.
- Weekly programmer built in.
- Allows the individual control functions to be blocked.
- Easy use.
- Check and self diagnostics.

PC controller
UTR - YOTA

- Possibility of controlling up to 400 indoor units.
- Annual programmer built in.
- Allows the individual control functions to be blocked.
- Calculation of electrical consumption of user groups.
- Operation and fault register.
- Check and self diagnostics.

Transmission adaptor
UTR-YTMB

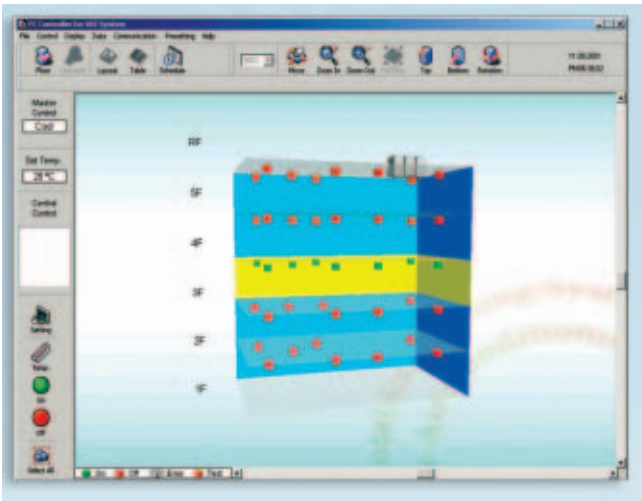
- Allows the VRF system to be managed from external centralised control (BMS).
- Transfer adaptor for RS-232C communication.

Network convertor
UTR-YLLA

- Allows the VRF system to be managed from external centralised control (BMS).
- Transmission converter for communication with LONWORKS® networks.

Network convertor
UTR-YLBA

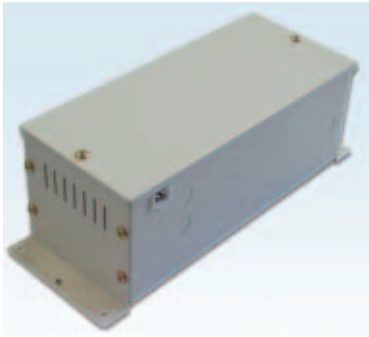
- Allows the VRF system to be managed from external centralised controls (BMS), in accordance with the ANSI/ASHRAE 135-2001 standard.
- Transmission converter for communication with BACnet® networks.



UTR - YOTA
PC controller



UTB - YCA
Central
remote controller



Transmission
adaptor
UTR - YTMB

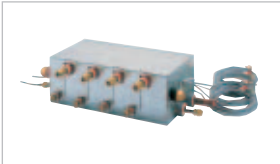
Models

	UTB - YCA	UTR - YOTA	UTR - YTMB	UTR - YLLA	UTR - YLBA
Code	3DGF9420	3DGF9430	3DGF9465	3DGF9455	3DGF9460
Price Ref.	1.272	2.857	To consult	To consult	To consult

Accessories

Refrigerant Branch unit-4way

For heat recovery. Required for the connection of the indoor units to the pipes . Available for up to four indoor units.



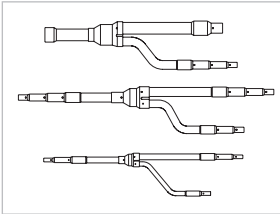
Refrigerant Branch unit-1way

For heat recovery. Required for the connection of the indoor units to the pipes. It has a connection for an indoor unit.



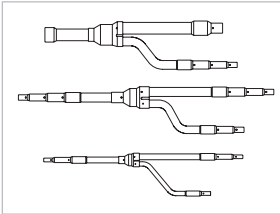
90R 3 pipe separator

For heat recovery, when the sum of indoor unit codes exceeds the value of 60.



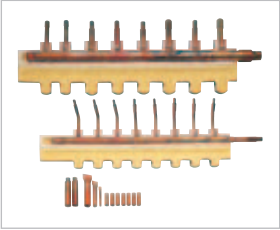
54R 3 pipe separator

For heat recovery, when the sum of indoor unit codes is the same as or exceeds the value of 60.



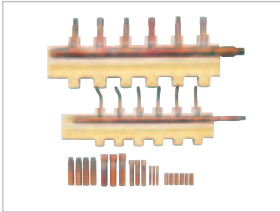
Header 8 outlets, 3 x 908R pipes

It is possible to connect up to 8 indoor units for heat recovery series.



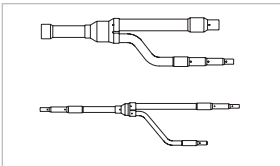
Header 6 outlets, 3 x 906R pipes

It is possible to connect up to 6 indoor units for heat recovery series.



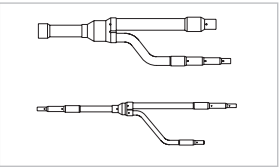
Separator 2 x 90A pipes

For the heat pump series, when the sum of indoor unit codes exceeds the value of 60.



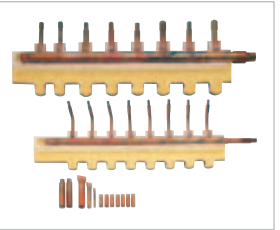
Separator 2 x 54A pipes

For the heat pump series, when the sum of indoor unit codes is the same as or exceeds the value of 60.



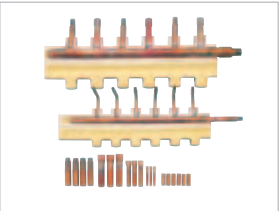
Header 8 outlets, 2 x 908A pipes

For the heat pump series it is possible to connect up to 8 indoor units.



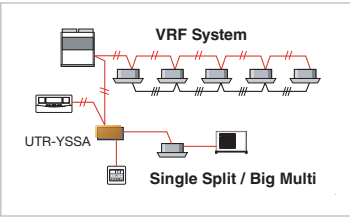
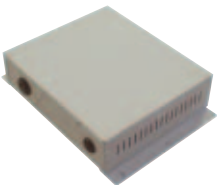
Header 6 outlets, 2 x 906A pipes

For the heat pump series it is possible to connect up to 6 indoor units.



Network convertor UTR-YSSA

Allows split or large room units to be integrated to the VRF control system.



Signal amplifier UTR-YRPA

Required when the transmission line exceeds 500 m or the number of units connected is greater than 64.



Service tool UTR-YSTB

Software that allows the operation of the VRF system to be verified and analysed and any anomaly to be detected.



Models

		Refrigerant branch 4	Refrigerant branch 1	Separator 90R	Separator 90A	Separator 54R	Separator 54A
Unit	Code	3DGF9300	3DGF9310	3DGF9320	3DGF9330	3DGF9340	3DGF9350
Price Ref.		1.333	333	86	63	80	61

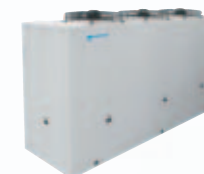
		Header 908R	Header 908A	Header 906R	Header 906A	UTR-YSSA	UTR-YRPA	UTR-YSTB
Unit	Code	3DGF9360	3DGF9370	3DGF9380	3DGF9390	3DGF9435	3DGF9445	3DGF9475
Price Ref.		183	152	179	150	410	667	To consult

A stylish range

The Eurofred industrial range always provides the right solution, in accordance with the required needs and conditions. This is possible through the variety of models and power performance that the range has, coupled with easy installation, ensuring proper air conditioning without worrying about the size of the space to be conditioned.



Heat recovery



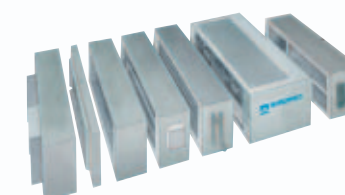
Aircooled liquid chillers and heat pump



Watercooled chillers and heat pump

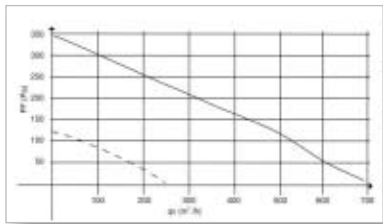


Fan Coils

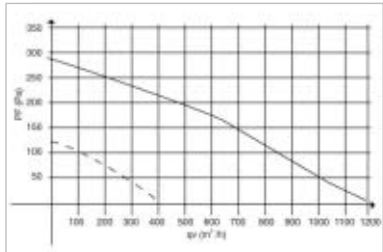


Modular ductable

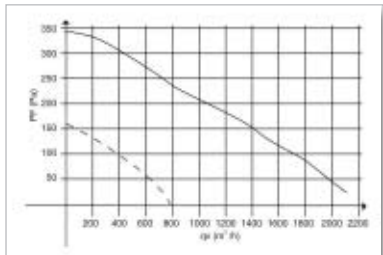
HR750-2200



Model 250.



Model 1200.

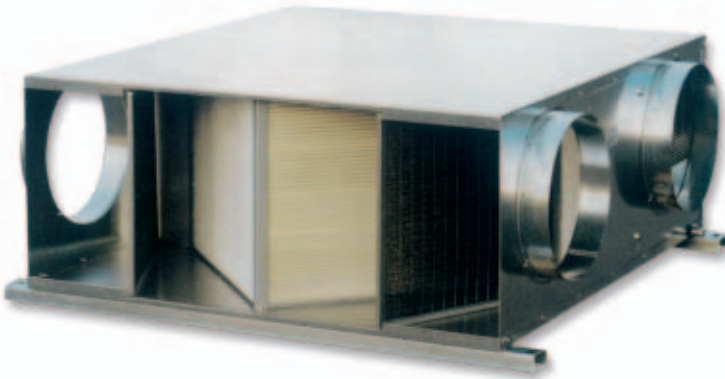
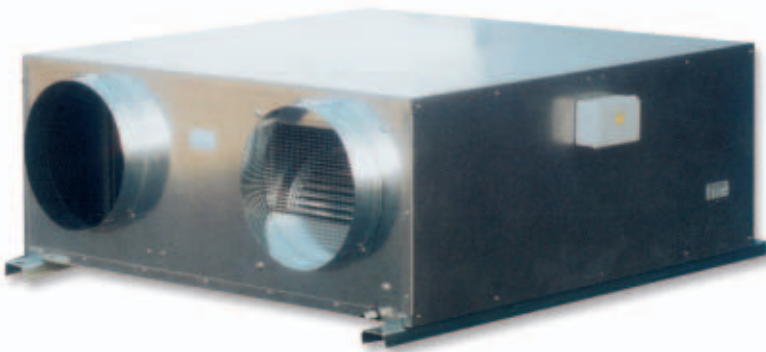


Model 2200.

These units carry out pre-processing of outside air through the cold/hot transfer provided by the extraction air.

They are fitted with an easy to clean, sensitive heat exchanger, with high-performance and a long life.

The velocity adjuster allows the capacity of the recuperators to be varied from 30% to 100%.



HR750/1200/2200

- This equipment provides the outside air necessary to comply with the regulations governing heating facilities in buildings (RITE).
- They allow the thermal load of the installation to be reduced, enabling apparatus with less power to be used.
- High reduction in energy consumption.



Speed regulator.

Technical specifications

MODEL		HR750	HR1200	HR2200
Exchange efficiency	%	74	74	74
Power supply	V/n°/Hz	220/1/50	220/1/50	220/1/50
Maximum current	A	0,8	2,0	5,6
Power consumption	W	180	450	1200
Air flow	m³/h	750	1200	2200
Motor velocity	r.p.m.	1300	1200	1320
Conduit diameter	mm	180	250	300
Noise level (non-channelled machine)	dB (A)	62	65	68
Dimensions	Width	mm	583	805
	Depth	mm	1060	1220
	Height	mm	315	415
Weight (including anchoring)	kg	53	101	132

Models

	HEAT RECOVERY			SPEED REGULATOR	
	HR750	HR1200	HR2200	RV750	RV1200 - 2200
Code	3ITE0010	3ITE0020	3ITE0030	3ITE0040	3ITE0050
Price Ref.	to consult	to consult	to consult	to consult	to consult

CRAE18-71

Structure:

Self holding type, made from peraluman and galvanised steel. Stainless steel nuts and bolts. The panels can be dismantled providing easy access inside the unit for maintenance and repairs. It incorporates anti-vibratory brackets.

Compressors:

Of the hermetic rotating or hermetic scroll type with klixon internal protection and sump resistor.

Ventilators:

Low revolution axial kind with a special blade profile, coupled directly to the external rotor motor with IP 54. It has a protection grille coupled to the impul-sion.

Condenser:

Made from a battery of copper tubing with aluminium blades, complete with a condensate tray.

Evaporator:

Made from AIS1316 stainless steel panels, located inside the tank.

Cooling circuit:

The circuit, made from copper pipe, includes: Bidirectional dehydration filter, expansion valves, pressostat with manual reset, valve with four channels and condensation control,

Hydraulic circuit:

The circuit, made from copper pipe, includes: Water differential pressostat, manual air bleed valve, insulated tank, circulator (18-31) or pump (41-71),

safety valve (3 bar), pressure gauge, filling and emptying spigots and an expansion container located inside the tank.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses
- Compressor contact
- Pump contact (models 41-71)

Microprocessor:

For the automatic administration of the following functions:

- Adjustment of the water temperature
- Anti-ice protection
- Timing of the compressors
- Alarm reset
- Free power contacts for alarm signalling and change of cycle for thermal pumps.
- Visualisation of the operation cycle, status of the compressor, temperature of the return water, operational temperature, differential established and alarm codes.

Proportional electronic device:

Permits reduction of the noise level of the unit through ongoing adjustment of the fan speed.



CRAE18-71

Technical specifications

MODEL		CRAE18	CRAE21	CRAE25	CRAE31	CRAE41	CRAE51	CRAE61	CRAE71
Cooling capacity	kcal/h	3960	5160	6110	7220	8690	10580	12730	15050
	W	4,6	6	7,1	8,4	10,1	12,3	14,8	17,5
Heating capacity	kcal/h	4730	6540	7140	8690	10410	12640	15740	17890
	W	5,5	7,6	8,3	10,1	12,1	14,7	18,3	20,8
Power supply	V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling kW	1,6	2	2,4	2,7	3,2	3,9	4,8	5,7
Power consumption	Heating kW	1,8	2,5	2,8	3,2	3,8	4,7	5,9	6,7
Maximum current	A	9	16	16	17	10	12	13	15
Starting current	A	30	52	60	65	36	54	57	76
Compressors	n°	1	1	1	1	1	1	1	1
	type	Hermetic rotary			Hermetic scroll				
Condenser	Fans	n°	1	1	1	2	2	2	2
	Air flow	m³/s	0,97	0,89	0,89	0,82	1,94	1,78	1,64
Hydraulic circuit	Water flow	l/s	0,22	0,29	0,34	0,4	0,48	0,59	0,71
	Pump nominal power	kW	0,13	0,13	0,19	0,19	0,3	0,3	0,3
	Static pressure	kPa	49	40	51	42	179	158	152
	Water volume	l	25	25	25	25	50	50	50
	Expansion vessel	l	3,4	3,4	3,4	3,4	3,4	3,4	3,4
	Hydraulic connections	inch.	3/4"	3/4"	3/4"	3/4"	1"	1"	1"
Noise level		dB (A)	56	56	56	58	59	59	59
Dimensions	Width	mm	870	870	870	1160	1160	1160	1160
	Depth	mm	320	320	320	320	500	500	500
	Height	mm	1100	1100	1100	1100	1270	1270	1270
Weight	Transport	kg	115	116	120	131	190	194	196
	Operation	kg	140	141	145	156	240	242	246
Refrigerant	type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C

Optional accessories

- Low pressure pressostat.
- Remote control panel
- RS 485 series port connection
- Battery protection grille

Versions:

CRAE/SP/WP: Heat pump with hydraulic kit (pump, tank and expansion vessel).

Models

		18	21	25	31	41	51	61	71
CRAE/SP/WP	Code	3ICE0341	3ICE0342	3ICE0343	3ICE0344	3ICE0345	3ICE0346	3ICE0347	3ICE0348
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Metallic guards	Code	3ICE9050				3ICE9051			
for condenser	Price Ref.	to consult				to consult			
Remote display	Code					3ICE9010			
	Price Ref.					to consult			
Connection	Code					3ICE9005			
RS485	Price Ref.					to consult			

CSAE25-151

Structure:

Self holding type, made from peraluman and galvanised steel. Stainless steel nuts and bolts. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the hermetic scroll type with klixon internal protection and sump resistor.

Ventilators:

Low revolution axial kind with a special blade profile, coupled directly to the external rotor motor with IP 54. It has a protection grille coupled to the impulsion.

Condenser:

Made of a battery of copper tubing with aluminium blades.

Evaporator:

Made from AISI 316 stainless steel panels, insulated on the outside with flexible material on sealed cells. The thermal pump version has a standard anti-ice resistor.

Cooling circuit:

The circuit, made from copper pipe, includes: Dehydration filter, expansion valve, high-pressure pressostat with manual reset, low pressure pressostat with automatic reset (models 81-151) and liquid and humidity viewer (models 81-151)

Hydraulic circuit:

The circuit, made from copper pipe, includes: Water differential pressostat and manual air bleed valve.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses
- Compressor contact
- Pump contact (models 41-151)

Microprocessor:

For the automatic administration of the following functions:

- Adjustment of the water temperature
- Anti-ice protection
- Timing of the compressors
- Alarm reset
- Free potential contacts for alarm signalling and change of cycle for thermal pump units.
- Visualisation of the operation cycle, status of the compressor, temperature of the return water, operational temperature, differential established and alarm codes.

Technical specifications

MODEL		CSAE25	CSAE31	CSAE41	CSAE51	CSAE61	CSAE71	CSAE81	CSAE91	CSAE101	CSAE131	CSAE151
Cooling capacity	kcal/h	6360	7480	9290	11270	13500	15220	16600	20470	23740	29330	36120
	W	7,4	8,7	10,8	13,1	15,7	17,7	19,3	23,8	27,6	34,1	42,0
Heating capacity	kcal/h	7480	9030	11090	13500	16680	18060	20470	25280	30190	36380	47300
	W	8,7	10,5	12,9	15,7	19,4	21,0	23,8	29,4	35,1	42,3	55,0
Power supply	V/n°/Hz	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling kW	2,1	3,1	3,9	4,7	5,6	6,4	7,1	8,2	10,0	12,2	14,7
Power consumption	Heating kW	2,3	3,4	4,1	5,0	5,8	6,5	7,8	9,5	11,0	13,3	17,3
Maximum current	A	18	8	11	14	15	17	17	20	24	29	35
Starting current	A	79	49	55	71	79	106	107	131	139	179	206
Compressors	n°	1	1	1	1	1	1	1	1	1	1	1
Condenser	Fans	n°	1	2	2	2	2	1	1	2	2	2
	Air flow	m³/h	0,89	0,82	1,94	1,78	1,64	1,64	2,69	2,50	4,00	5,38
Evaporator	Water flow	l/s	0,35	0,42	0,52	0,63	0,75	0,85	0,92	1,14	1,32	2,01
	Pressure drops	kPa	20	18	30	27	26	21	23	31	27	27
	Hydraulic connections	inch.	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
Noise level	dB (A)	58	59	60	60	60	60	60	61	61	61	61
Dimensions (standard version)	Width	mm	870	870	1160	1160	1160	1850	1850	1850	1850	1850
	Depth	mm	320	320	500	500	500	1000	1000	1000	1000	1000
	Height	mm	1100	1100	1270	1270	1270	1300	1300	1300	1300	1300
Weight (standard version)	kg	94	98	114	116	118	120	220	230	245	265	279
Refrigerant	type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C			
Version SP	Pump nominal power	kW	0,19	0,19	0,30	0,30	0,30	0,45	0,55	0,55	0,55	0,75
	Static pressure	kPa	50	50	150	143	129	190	204	193	155	153
	Water volume capacity	l	50	50	150	150	150	300	300	300	300	300
	Expansion vessel	l	2	2	5	5	5	8	8	8	8	8
	Hydraulic connections	inch.	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"



CSAE25-151

Optional accessories

- Condensation control
- Circulation pump
- Low pressure pressostat (models 25-71)
- Remote control panel
- Serial port connection
- Anti-vibratory devices
- Battery protection grille

Versions:

CSAE	Cooling only (standard)
CSAE/WP	Heat pump
CSAE/SP	Hydraulic kit (pump, tank and expansion vessel)

Models

		25	31	41	51	61	71	81	91	101	131	151
CSAE	Code	3ICE0001	3ICE0002	3ICE0003	3ICE0004	3ICE0005	3ICE0006	3ICE0007	3ICE0008	3ICE0009	3ICE0010	3ICE0011
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSAE/WP	Code	3ICE0101	3ICE0102	3ICE0103	3ICE0104	3ICE0105	3ICE0106	3ICE0107	3ICE0108	3ICE0109	3ICE0110	3ICE0111
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSAE/SP	Code	3ICE0201	3ICE0202	3ICE0203	3ICE0204	3ICE0205	3ICE0206	3ICE0207	3ICE0208	3ICE0209	3ICE0210	3ICE0211
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSAE/WP/SP	Code	3ICE0301	3ICE0302	3ICE0303	3ICE0304	3ICE0305	3ICE0306	3ICE0307	3ICE0308	3ICE0309	3ICE0310	3ICE0311
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Circulating pump	Code	3ICE9031		3ICE9032				3ICE9033		3ICE9034		3ICE9035
	Price Ref.	to consult		to consult				to consult		to consult		to consult
Control condensation	Code			3ICE9001				3ICE9002		3ICE9003		
	Price Ref.			to consult				to consult		to consult		
Hydronic module	Code	3ICE9201		3ICE9202								
	Price Ref.	to consult		to consult				-				
Remote display	Code	3ICE9010										
	Price Ref.	to consult										

CSAE182-604

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the hermetic scroll type with oil viewer. They incorporate thermal protection and anti-vibratory devices.

Ventilators:

Of the axial type, coupled directly to the three phase motor of the outside rotor. It has a protection grille coupled to the impulsion.

Condenser:

Made of a battery of copper tubing with aluminium blades. The interior movement of the coolant has been designed to obtain two separate circuits.

Evaporator:

Made from AISI 316 stainless steel panels insulated on the outside with flexible material on sealed cells, with two independent coolant circuits and one of water. The thermal pump version has a standard anti-ice resistor.

Cooling circuit:

Each unit has two independent cooling circuits.

The circuit, made from copper pipe, includes: Dehydration filter, thermostatic expansion valve with external balancing, liquid and humidity indicator. The following devices are incorporated to protect the circuit: High-pressure and low pressure pressostats.

Hydraulic circuit:

The circuit includes: Temperature sensor, anti-ice sensor, water differential pressostat and manual air bleed valve.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses, thermal relays for protection of the compressor and thermal contact for the fans.
- Interconnection relay
- Terminals for external connections
- Microprocessor for the automatic operation of the unit: This allows the status of the unit, the operational water temperature, its real temperature and the safety device that might have been activated as a protection measure to be viewed at any time.

Technical specifications

MODEL			CSAE182	CSAE202	CSAE262	CSAE302	CSAE364	CSAE404	CSAE524	CSAE604
Cooling capacity		kcal/h	40250	46780	61230	70520	82560	95720	120660	138980
		W	46,8	54,4	71,2	82,0	96,0	111,3	140,3	161,6
Heating capacity		kcal/h	45580	52980	69320	79890	93570	108450	136570	157290
		W	53,0	61,6	80,6	92,9	108,8	126,1	158,8	182,9
Power supply		V/n°/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling	kW	14,9	17,2	22,4	26,1	29,4	34,2	44,8	52,2
	Heating	kW	15,0	18,0	23,2	27,1	30,5	35,5	45,0	55,0
Maximum current		A	42	46	58	68	84	93	113	136
Starting current		A	145	151	198	234	187	198	253	302
Compressors		n°	2	2	2	2	4	4	4	4
Refrigerant circuit		n°	2	2	2	2	2	2	2	2
Capacity steps		n°	2	2	2	2	4	4	4	4
Condenser	Fan	n°	1	1	2	2	2	3	3	3
	Air flow	m³/h	4,15	4,10	7,89	7,66	7,75	11,66	11,66	15,55
Evaporator	Water flow	l/s	2,24	2,60	3,40	3,92	4,60	5,32	6,70	7,72
	Pressure drops	kPa	31	37	39	41	33	36	47	48
	Hydraulic connections	inch.	1" 1/2	1" 1/2	1" 1/2	1" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2
Noise level		dB (A)	70	70	72	72	72	73	73	77
Dimensions (standard version)	Width	mm	2350	2350	2350	2350	3550	3550	3550	3550
	Depth	mm	1100	1100	1100	1100	1100	1100	1100	1100
	Height	mm	1840	1840	2140	2140	2140	2140	2140	2305
Weight (standard version)		kg	563	623	698	821	937	1164	1226	1415
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power	kW	0,75	0,75	0,75	1,20	1,50	1,50	1,50	1,85
	Static pressure	kPa	136	125	103	137	162	146	111	102
	Water volume capacity	l	400	400	400	400	600	600	600	600
	Expansion vessel	l	12	12	12	12	18	18	18	18
	Hydraulic connections	inch.	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2



CSAE182-604

Optional accessories

- High pressure and low pressure gauges
- Vibration dampening supports
- Remote control panel
- Serial port connection
- Condensation control up to 0°C
- Condensation control up to -20°C
- Battery protection grille
- Second pump (SP version)

Versions:

CSAE	Cooling only (standard)
CSAE/WP	Heat pump
CSAE/DS	Heat recovery through heat booster
CSAE/RT	Total heat recovery
CSAE/SSL	Super-silent configurations
CSAE/SP	Hydraulic kit (pump, tank and expansion vessel)
CSAE/FC	Free-cooling

Models

		182	202	262	302	364	404	524	604
CSAE	Code	3ICE0012	3ICE0013	3ICE0014	3ICE0015	3ICE0016	3ICE0017	3ICE0018	3ICE0019
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSAE/WP	Code	3ICE0112	3ICE0113	3ICE0114	3ICE0115	3ICE0116	3ICE0117	3ICE0118	3ICE0119
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSAE/SP	Code	3ICE0212	3ICE0213	3ICE0214	3ICE0215	3ICE0216	3ICE0217	3ICE0218	3ICE0219
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSAE/WP/SP	Code	3ICE0312	3ICE0313	3ICE0314	3ICE0315	3ICE0316	3ICE0317	3ICE0318	3ICE0319
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Condensing control 0°C	Code	3ICE9006				3ICE9007			
	Price Ref.	to consult				to consult			
Condensing control -20°C	Code	3ICE9004							
	Price Ref.	to consult							
Remote display*	Code	3ICE9011							
	Price Ref.	to consult							
High and low pressure gauges*	Code	3ICE9015							
	Price Ref.	to consult							

*Note: accesories provided separately

CHAE201-702

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the alternative semi-hermetic type, they incorporate sump resistor, oil level viewer and thermal protection

Ventilators:

Of the axial type, coupled directly to the three phase motor with an outside rotor. It has a protection grille coupled to the impulsion.

Condenser:

Made of a battery of copper tubing with aluminium blades. The inter- or movement of the coolant has been designed to obtain one or two separate circuits.

Evaporator:

Of the multitubular type, with one or two independent cooling circuits.

Cooling circuit:

Each unit has one or two independent cooling circuits. The circuit, made from copper pipe, includes: Dehydration filter, thermostatic valve with external balancing and service outlets. The following devices are incorporated to protect the circuit: High-pressure presso- stat, low pressure pressostat and anti-ice thermostat.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses, thermal relays for protection of the compressor and thermal contacts for the fans.
- Interconnection relay
- Terminals for external connections
- Microprocessor for the automatic operation of the unit: This allows the status of the unit, the operational water temperature, its real temperature and the safety device that might have been activated as a protection measure to be viewed at any time.



CHAE201-702

Technical specifications

MODEL		CHAE201	CHAE251	CHAE301	CHAE321	CHAE401	CHAE501	CHAE602	CHAE642	CHAE702
Cooling capacity	kcal/h	41540	51170	60890	68280	90130	109100	121700	136500	155400
	W	48,3	59,5	70,8	79,4	104,8	126,9	141,5	158,7	180,7
Heating capacity	kcal/h	45840	56420	67170	75340	99420	102400	134200	150600	171500
	W	53,3	65,6	78,1	87,6	115,6	140,0	156,1	175,1	199,4
Power supply	V/nº/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling kW	15,1	18,8	23,6	28,2	34,8	44,6	46,8	53,3	60,6
	Heating kW	16,1	20,8	24,6	30,2	35,8	46,6	48,8	57,3	65,6
Maximum current	A	39	47	56	63	81	97	111	129	131
Starting current	A	103	122	147	159	192	245	174	192	199
Compressors	nº	1	1	1	1	1	1	2	2	2
Refrigerant circuit	nº	1	1	1	1	1	1	2	2	2
Capacity steps	nº	2	2	2	2	2	2	4	4	4
Condenser	Fan	nº	1	2	2	2	3	3	3	3
	Air flow m³/h	4,15	4,10	7,89	7,66	7,50	11,66	11,66	15,55	15,55
Evaporator	Water flow l/s	2,31	2,84	3,38	3,79	5,01	6,06	6,76	7,58	8,63
	Pressure drops kPa	23	24	28	18	18	25	27	16	20
	Hydraulic connections inch.	2" 1/2	2" 1/2	2" 1/2	DN 80	DN 80	DN 80	DN 100	DN 100	DN 100
Noise level	dB (A)	68	68	69	69	70	71	72	75	75
Dimensions (standard version)	Width mm	2350	2350	2350	2350	2350	3550	3550	3550	3550
	Depth mm	1100	1100	1100	1100	1100	1100	1100	1100	1100
	Height mm	1840	1840	2140	2140	2140	2140	2140	2140	2140
Weight (standard version)	kg	602	695	740	827	894	1065	1300	1404	1410
Refrigerant	type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power kW	0,75	0,75	0,75	0,75	1,85	1,85	1,85	1,85	1,85
	Static pressure kPa	125	116	135	112	157	145	138	139	125
	Water volume capacity l	190	190	470	470	470	470	660	660	660
	Expansion vessel l	8	8	18	18	18	18	24	24	24
	Hydraulic connections inch.	1" 1/2	1" 1/2	2"	2"	2" 1/2	2" 1/2	3"	3"	3"

Optional accessories

- Oil, high pressure and low pressure gauges
- Vibration dampening supports
- Anti-ice resistor
- Condensation control up to -20°C
- Battery protection grille
- Flow switch (not assembled)
- Second pump (SP version)
- Remote control panel
- Serial port connection
- Silencer
- Smooth start-up

Versions:

CCHAE	Cooling only (standard)
CHAE/WP	Heat pump
CHAE/HR	Heat recovery through heat booster
CHAE/HRT	Total heat recovery
CHAE/SSL	Super-silent configurations
CHAE/SP	Hydraulic kit (pump, tank and expansion vessel)

Models

	CHAE201	CHAE251	CHAE301	CHAE321	CHAE401	CHAE501	CHAE602	CHAE642	CHAE702
Price Ref.	to consult								

CHAE802-3204

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the alternative semi-hermetic type, they incorporate sump resistor, oil level viewer and thermal protection Installed on elastic supports on the sealed compartment to protect them from weather conditions and reduce the noise level.

Fans:

Of the axial type, coupled directly to the three phase motor with an outside rotor. It has a protection grille coupled to the impulsion.

Condenser:

Made of two batteries of copper tubing with aluminium blades.

Evaporator:

Of the multitubular type, with two independent cooling circuits.

Cooling circuit:

Each unit incorporates independent cooling circuits. The circuit, made

from copper pipe, includes: Electro valve on the liquid line, dehydration filter and thermostatic expansion valve with external compensator. The following devices are incorporated to protect the circuit: High-pressure pressostat, low pressure pressostat, oil differential pressostat, anti-ice thermostat and safety valve.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses, thermal relays for protection of the compressor and thermal contacts for the fans.
- Interconnection relay
- Terminals for external connections
- Microprocessor for the automatic operation of the unit: It enables: The status of the unit, the operational water temperature, its real temperature, and the safety device that may have been activated as a means of protection to be viewed at any time.



CHAE802-3204

Technical specifications

MODEL			CHAE 802	CHAE 902	CHAE 1002	CHAE 1102	CHAE 1202	CHAE 1502	CHAE 1602	CHAE 1604	CHAE 1804	CHAE 2004	CHAE 2204	CHAE 2404	CHAE 3004	CHAE 3204
Cooling capacity	W		200	220	246	273	297	322	360	401	439	492	546	595	644	720
Heating capacity	W		218	238	267	295	322	346	373	435	477	532	590	635	692	738
Power supply	V/n°		380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3	380/3
Power consumption	Cooling	kW	71	77	86	96	104	112	129	143	155	172	190	206	227	255
	Heating	kW	73	79	88	99	107	115	133	147	159	176	196	211	232	260
Maximum current	A		178	178	196	256	276	312	320	357	357	393	512	547	632	632
Starting current	A		310	310	341	446	456	582	590	488	488	538	702	727	902	902
Compressors	n°		2	2	2	2	2	2	2	4	4	4	4	4	4	4
Refrigerant circuits	n°		2	2	2	2	2	2	2	2	2	2	2	2	2	2
Capacity steps	n°		4	4	4	4	4	4	4	4	4	4	4	4	4	4
Condenser	Fan	n°	4	6	6	6	6	8	8	8	10	10	10	12	12	12
	Air flow	m³/h	13,6	21,9	21,9	20,5	20,5	28,9	27,1	27,1	33,9	33,9	38,3	46,1	46,1	43,7
Evaporator	Water flow	l/s	9,56	10,51	11,75	13,04	14,19	15,38	17,20	19,16	20,97	23,51	26,09	29,43	30,77	34,40
	Pressure drops	kPa	37	44	50	45	32	34	40	55	57	48	41	38	45	42
	Hydraulic connections	DN	125	125	125	125	150	150	150	150	150	200	200	200	200	200
Noise level (standard version)	dB (A)		78	78	78	80	80	80	82	81	81	81	83	82	84	84
Noise level (with silencer)	dB (A)		75	75	75	76	76	76	78	77	77	77	79	78	80	80
Noise level (SSL version)	dB (A)		69	71	71	71	71	72	72	72	73	73	73	74	74	74
Dimensions (standard version)	Width	mm	3350	3350	3350	4400	4400	4400	4400	5550	5550	5550	5550	6700	6700	6700
	Depth	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
	Height	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Weight (standard version)	kg		2140	2240	2280	2680	2860	3020	3130	3780	3960	4210	4760	4950	5050	5330
Refrigerant	type		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power	kW	3,0	3,0	4,0	4,0	5,5	5,5	5,5	5,5	7,5	7,5	7,5	7,5	7,5	7,5
	Static pressure	kPa	160	145	160	155	190	185	170	145	170	165	160	155	145	140
	Water volume capacity	l	1100	1100	1100	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Expansion vessel	l	35	35	35	80	80	80	80	80	80	80	80	80	80	80
	Hydraulic connections	inch.	100	100	100	100	100	100	100	125	125	125	125	150	150	150

Accessories

- Oil, high pressure and low pressure gauges
- Vibration dampening supports
- Anti-ice resistor
- Condensation control up to -20°C
- Battery protection grille
- flow switch
- Second pump (SP version)
- Remote control panel
- Serial port connection
- Silencer
- Smooth start-up

Versions:

CHAE	Cooling only (standard)
CHAE/WP	Heating pump
CHAE/HR	Heat recovery through heat booster
CHAE/HRT	Total heat recovery
CHAE/SSL	Super-silent configurations
CHAE/SP	Hydraulic kit (pump, tank and expansion vessel)
CHAE/FC	With free-cooling (up to 510 kW)

Models

	CHAE 802	CHAE 902	CHAE 1002	CHAE 1102	CHAE 1202	CHAE 1502	CHAE 1602	CHAE 1604	CHAE 1804	CHAE 2004	CHAE 2204	CHAE 2404	CHAE 3004	CHAE 3204
Price Ref.	to consult													

CTAE702-2202

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the semi-hermetic screw type with oil separator built-in, oil level viewer, safety valve and capacity adjustment in stages.

Fans:

Of the axial type, coupled directly to the three phase motor with an outside rotor. It has a protection grille coupled to the impulsion.

Condenser:

Made of two batteries of copper tubing with aluminium blades.

Evaporator:

Of the multitubular type, with two independent cooling circuits.

Cooling circuit:

The circuit, made from copper pipe, includes: Electro valve on the liquid line, dehydration filter and thermostatic expansion valve with external compensator. The following devices are incorporated to protect the circuit: High-pressure pressostat, low pressure pressostat, oil differential pressostat, anti-ice thermostat and safety valve and gauges.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses, thermal relays for protection of the compressor and thermal contacts for the fans.
- Interconnection relay
- Terminals for external connections
- Microprocessor for the automatic operation of the unit: This allows the status of the unit, the operational water temperature, its real temperature and the safety device that might have been activated as a protection measure to be viewed at any time.



CTAE702-2202

Technical specifications

MODEL			CTAE702	CTAE802	CTAE902	CTAE1102	CTAE1202	CTAE1502	CTAE1602	CTAE1802	CTAE2002	CTAE2202
Cooling capacity		W	170	198	227	259	290	338	386	433	480	541
Heating capacity		W	190	215	253	280	314	372	417	478	514	585
Power supply		V/n°/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling	kW	67	77	87	97	107	125	141	161	171	189
	Heating	kW	72	82	92	102	114	132	149	172	179	201
Maximum current		A	152	176	190	196	244	272	312	346	368	450
Starting current		A	324	373	382	409	493	499	523	694	695	793
Compressors		n°	2	2	2	2	2	2	2	2	2	2
Refrigerant circuits		n°	2	2	2	2	2	2	2	2	2	2
Capacity steps		n°	6	6	6	6	6	6	6	6	6	6
Condenser	Fan	n°	4	4	4	4	6	6	8	8	8	10
	Air flow	m³/h	21,1	21,1	20	20	32,5	30,6	40	40	40	51,4
Evaporator	Water flow	l/s	8,12	9,46	10,85	12,37	13,86	16,15	18,44	20,69	22,93	25,85
	Pressure drops	kPa	30	34	45	50	55	25	36	42	35	42
	Hydraulic connections	DN	125	125	125	125	125	150	200	200	200	200
Noise level (standard version)		dB (A)	80	80	80	80	82	82	83	83	83	84
Noise level (with silencer)		dB (A)	77	77	77	77	79	79	80	80	80	81
Noise level (SSL version)		dB (A)	69	69	71	71	71	72	73	73	73	74
Dimensions (standard version)	Width	mm	3350	3350	3350	3350	4400	4400	5550	5550	5550	6700
	Depth	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
	Height	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Weight (standard version)		kg	2190	2320	2340	2450	2820	3380	4100	4160	4320	4680
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power	kW	3,0	3,0	3,0	4,0	5,5	5,5	5,5	7,5	7,5	7,5
	Static pressure	kPa	180	160	140	155	165	195	165	175	170	160
	Water volume capacity	l	1100	1100	1100	1100	2000	2000	2000	2000	2000	2000
	Expansion vessel	l	35	35	35	35	80	80	80	80	80	80
	Hydraulic connections	inch.	100	100	100	100	100	100	125	125	125	125

Optional accessories

- Vibration dampening supports
- Anti-ice resistor
- Condensation control up to -20°C
- Battery protection grille
- Flow switch
- Second pump (SP version)
- Remote control panel
- Serial port connection
- Silencer
- Smooth start-up
- Ongoing adjustment of the compressor

Versions:

CTAE	Cooling only (standard)
CTAE/WP	Heat pump
CTAE/HR	Heat recovery through heat booster
CTAE/HRT	Total heat recovery
CTAE/SSL	Super-silent configurations
CTAE/SP	Hydraulic kit (pump, tank and expansion vessel)

Models

	CTAE702	CTAE802	CTAE902	CTAE1102	CTAE1202	CTAE1502	CTAE1602	CTAE1802	CTAE2002	CTAE2202
Price Ref.	to consult									

CTAE2402-5602

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the semi-hermetic screw type with oil separator built-in, oil level viewer, safety valve and capacity adjustment in stages.

Fans: Of the axial type, coupled directly to the three phase motor with an outside rotor. It has a protection grille coupled to the impulsion.

Condenser:

Made of two batteries of copper tubing with aluminium blades.

Evaporator:

Of the multitubular type, with two independent cooling circuits.

Cooling circuit:

The circuit, made from copper pipe, includes: Electro valve on the liquid line, dehydration filter and thermostatic expansion valve with external compensator. The following devices are incorporated to protect the circuit: High-pressure pressostat, low pressure pressostat, oil differential pressostat, anti-ice thermostat and safety valve and gauges.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses, thermal relays for protection of the compressor and thermal contacts for the fans.
- Interconnection relay
- Terminals for external connections
- Microprocessor for the automatic operation of the unit: This allows the status of the unit, the operational water temperature, its real temperature and the safety device that might have been activated as a protection measure to be viewed at any time.



CTAE2402-5602

Technical specifications

MODEL			CTAE 2402	CTAE 3202	CTAE 3302	CTAE 3402	CTAE 3602	CTAE 4002	CTAE 4202	CTAE 4602	CTAE 5002	CTAE 5602
Cooling capacity		kW	608	687	758	828	910	992	1077	1235	1397	1500
Heating capacity		kW	640	720	809	893	936	1046	1113	1342	-	-
Power supply		V/n°/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling	kW	212	235	259	281	306	336	368	410	473	504
	Heating	kW	222	245	275	300	313	350	380	430	-	-
Maximum current		A	460	490	538	600	630	656	724	872	1016	1082
Starting current		A	554	619	667	741	779	899	985	1067	1604	1640
Compressors		n°	2	2	2	2	2	2	2	2	2	2
Refrigerant circuit		n°	2	2	2	2	2	2	2	2	2	2
Capacity steps		n°	6	6	6	6	6	6	6	6	6	6
Condenser	Fan	n°	10	10	12	12	14	14	14	18	20	20
	Air flow	m³/h	51,4	48,1	60,3	60,3	68,1	68,1	73,5	93,3	104,4	98,9
Evaporator	Water flow	l/s	29,05	32,82	36,22	39,56	43,48	47,40	51,46	59,01	66,75	71,67
	Pressure drops	kPa	46	48	33	36	40	35	35	38	43	42
	Hydraulic connections	DN	200	200	200	200	200	200	200	200	200	200
Noise level (standard version)		dB (A)	84	84	84	84	85	85	85	86	87	87
Noise level (with silencer)		dB (A)	81	81	81	81	82	82	83	83	84	84
Noise level (SSL version)		dB (A)	74	74	75	75	75	76	76	76	-	-
Dimensions (standard version)	Width	mm	6700	7750	8900	8900	10050	10050	10050	12250	13400	13400
	Depth	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
	Height	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Weight (standard version)		kg	4720	5240	5900	6100	6450	7240	7650	8780	9660	10230
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power	kW	7,5	7,5	11,0	11,0	11,0	18,5	18,5	18,5	18,5	18,5
	Static pressure	kPa	155	130	165	140	135	205	200	180	160	150
	Water volume capacity	l	2000	2000	2000	2000	2000	2000	3000	3000	3000	3000
	Expansion vessel	l	80	80	80	80	80	80	80	80	80	80
	Hydraulic connections	inch.	150	150	150	150	150	200	200	200	200	200

Optional accessories

- Vibration dampening supports
- Anti-ice resistor
- Condensation control up to -20°C
- Battery protection grille
- Flow switch
- Second pump (SP version)
- Remote control panel
- Serial port connection
- Ongoing adjustment of the compressor
- Silencer
- Smooth start-up

Versions:

CTAE	Cooling only (standard)
CTAE/WP	Heat pump
CTAE/HR	Heat recovery through heat booster
CTAE/HRT	Total heat recovery
CTAE/SSL	Super-silent configurations
CTAE/SP	Hydraulic kit (pump, tank and expansion vessel)

Models

	CTAE 2402	CTAE 3202	CTAE 3302	CTAE 3402	CTAE 3602	CTAE 4002	CTAE 4202	CTAE 4602	CTAE 5002	CTAE 5602
Price Ref.	to consult									

CSCE25-131

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the hermetic scroll type with klixon internal protection and sump resistor.

Fans:

Of the twin centrifugal type, statically and dynamically balanced, coupled directly to the single phase electric motor (model 31), three phase (model 41 to 71) or through a three-phase motor with belt transmission (from model 81 to 131).

Condenser:

Made of a battery of copper tubing with aluminium blades.

Evaporator:

Made from AISI 316 stainless steel panels, insulated on the outside with flexible material on sealed cells.

Cooling circuit:

The circuit, made from copper pipe, includes: Dehydration filter, load valve, liquid viewer, expansion valve, high-pressure pressostat with manual reset, low pressure pressostat with automatic reset (models

81-151) and liquid and humidity viewer (models 81-151)

Hydraulic circuit:

The circuit, made from copper pipe, includes: Water differential pressostat and manual air bleed valve.

Electrical panel:

The electrical components included in the units are the following:

- Automatic magneto thermal switch with override
- Compressor contact
- Pressure transducer
- Automatic fan speed regulator (for operation in cooling mode)

Microprocessor:

For the automatic administration of the following functions:

- Adjustment of the water temperature
- Anti-ice protection
- Timing of the compressors
- Alarm reset
- Free potential contacts for alarm signalling and change of cycle for thermal pump units.
- Visualisation of the operation cycle, status of the compressor, temperature of the return water, operational temperature, differential established and alarm codes.



CSCE25-131

Technical specifications

MODEL			CSCE 25	CSCE 31	CSCE 41	CSCE 51	CSCE 61	CSCE 71	CSCE 81	CSCE 91	CSCE 01	CSCE 131
Cooling capacity		kcal/h	6360	7480	9290	11270	13500	15220	16600	20470	23740	29330
		W	7,4	8,7	10,8	13,1	15,7	17,7	19,3	23,8	27,6	34,1
Heating capacity		kcal/h	7480	9030	11100	13500	16680	18070	20470	25280	30180	36380
		W	8,7	10,5	12,9	15,7	19,4	21,0	23,8	29,4	35,1	42,3
Power supply		V/n°/Hz	220/1/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling	kW	2,1	3,1	3,9	4,7	5,6	6,4	7,1	8,2	10,0	12,2
	Heating	kW	2,3	3,5	4,8	5,8	6,6	7,4	8,8	10,5	12,5	14,8
Maximum current		A	19	9	16	18	20	22	18	23	26	31
Starting current		A	85	55	71	87	95	122	109	145	185	207
Compressors		n°	1	1	1	1	1	1	1	1	1	1
Condenser	Fan	n°	1	1	1	1	1	1	1	1	1	1
	Air flow	m³/h	0,88	0,86	1,74	1,72	1,69	1,69	2,5	3,33	3,33	3,33
	Pressure available	Pa	80	80	120	120	120	120	150	150	150	150
Evaporator	Water flow	l/s	0,35	0,42	0,52	0,63	0,75	0,85	0,92	1,14	1,32	1,63
	Pressure drops	kPa	3	4	20	32	29	36	24	23	31	33
	Hydraulic connections	inch.	1	1	1	1	1	1	1	1	1	1
Noise level		dB (A)	58	58	62	63	63	64	68	68	69	69
Dimensions (standard version)	Width	mm	900	900	900	900	900	900	1500	1500	1500	1500
	Depth	mm	550	550	690	690	690	690	800	800	800	800
	Height	mm	1425	1425	1725	1725	1725	1725	1425	1425	1425	1425
Weight (standard version)		kg	134	139	192	200	210	212	341	349	355	370
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power	kW	0,24	0,24	0,37	0,37	0,37	0,37	0,55	0,55	0,55	0,75
	Static pressure	kPa	60	60	140	120	120	110	140	140	140	120
	Water volume capacity	l	50	50	150	150	150	150	150	150	150	150
	Expansion vessel	l	2	2	5	5	5	5	5	5	5	5
	Hydraulic connections	inch.	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"

Optional accessories

- Condensation control
- Circulation pump
- Low pressure pressostat (models 25-71)
- Remote control panel
- Serial port connection
- Anti-vibratory devices
- Battery protection grille

Versions:

CSCE	Cooling only (standard)
CSCE/WP	Heat pump
CSCE/SP	Hydraulic kit (pump, tank and expansion vessel)

Models

		25	31	41	51	61	71	81	91	101	131
CSCE	Code	3ICE1001	3ICE1002	3ICE1003	3ICE1004	3ICE1005	3ICE1006	3ICE1007	3ICE1008	3ICE1009	3ICE1010
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSCE/WP	Code	3ICE1101	3ICE1102	3ICE1103	3ICE1104	3ICE1105	3ICE1106	3ICE1107	3ICE1108	3ICE1109	3ICE1110
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSCE/SP	Code	3ICE1201	3ICE1202	3ICE1203	3ICE1204	3ICE1205	3ICE1206	3ICE1207	3ICE1208	3ICE1209	3ICE1210
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
CSCE/WP/SP	Code	3ICE1301	3ICE1302	3ICE1303	3ICE1304	3ICE1305	3ICE1306	3ICE1307	3ICE1308	3ICE1309	3ICE1310
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Circulating pump	Code	3ICE9031		3ICE9032				3ICE9033	3ICE9034		
	Price Ref.	to consult		to consult				to consult	to consult		
Condensing controls	Code	3ICE9041		3ICE9042				3ICE9043			
	Price Ref.	to consult		to consult				to consult			
Remote display	Code	3ICE9010									
	Price Ref.	to consult									

CSCE182-604

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the hermetic scroll type with oil viewer. They incorporate thermal protection and anti-vibratory devices.

Fans:

Of the centrifugal type. Coupled to the three-phase motor through belts and pulleys.

Condenser:

Made of a battery of copper tubing with aluminium blades. The interior movement of the coolant has been designed to obtain two separate circuits.

Evaporator:

Made from AISI 316 stainless steel panels, with two independent circuits on the coolant side and one for water. The thermal pump version has a standard anti-ice resistor.

Cooling circuit:

Each unit incorporates two independent cooling circuits. The circuit, made from copper pipe, includes: Dehydration filter, thermostatic expansion valve with external balancing and service outlets.

The following devices are incorporated to protect the circuit: High-pressure pressostat, low pressure pressostat and anti-ice thermostat.

Hydraulic circuit:

The circuit includes: Temperature sensor, anti-ice sensor, water differential pressostat and manual air bleed valve.

Electrical panel:

- The electrical components included in the units are the following:
- General override switch
 - Fuses, thermal relays for protection of the compressor and thermal contacts for the fans.
 - Interconnection relay
 - Terminals for external connections
 - Microprocessor for the automatic operation of the unit: This allows the status of the unit, the operational water temperature, its real temperature and the safety device that might have been activated as a protection measure to be viewed at any time.



CSCE182-604

Technical specifications

MODEL			CSCE182	CSCE202	CSCE262	CSCE302	CSCE364	CSCE404	CSCE524	CSCE604
Cooling capacity		kcal/h	40250	46780	61230	70520	90990	104750	120660	138980
		kW	46,8	54,4	71,2	82,0	105,8	121,8	140,3	161,6
Heating capacity		kcal/h	45580	52980	69320	79900	102940	118590	136570	157290
		kW	53,0	61,6	80,6	92,9	119,7	137,9	158,8	182,9
Power supply		V/n°/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling	kW	16,9	19,3	26,4	30,2	37,6	45,3	50,8	57,0
	Heating	kW	17,0	19,8	26,1	30,8	36,6	45,8	50,2	61,6
Maximum current		A	45	63	70	80	100	120	135	166
Starting current		A	155	164	175	220	205	260	240	306
Compressors		n°	2	2	2	2	3	3	4	4
Capacity steps		n°	2	2	2	2	3	3	4	4
Condenser	Fan	n°	1	1	2	2	2	3	3	3
	Air flow	m³/h	4,16	4,16	7,77	7,77	7,77	11,66	11,66	15,55
	Pressure available	Pa	140	130	140	130	115	125	125	75
Evaporator	Water flow	l/s	2,24	2,60	3,40	3,92	5,05	5,82	6,70	7,72
	Pressure drops	kPa	20	21	26	19	17	23	24	17
	Hydraulic connections	inch.	1" 1/2	2" 1/2	2" 1/2	2" 1/2	DN80	DN80	DN80	DN100
Noise level		dB (A)	74	74	75	76	76	77	77	79
Dimensions (standard version)	Width	mm	2350	2350	2350	2350	2350	3550	3550	3550
	Depth	mm	1100	1100	1100	1100	1100	1100	1100	1100
	Height	mm	2005	2005	2005	2005	2005	2005	2005	2005
Weight (standard version)		kg	736	795	898	1018	1118	1539	1550	1791
Refrigerant		type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power	kW	0,75	0,75	0,75	0,75	1,3	1,4	1,4	1,4
	Static pressure	kPa	135	125	115	110	140	135	125	125
	Water volume capacity	l	190	190	470	470	470	470	660	660
	Expansion vessel	l	8	8	18	18	18	18	24	24
	Hydraulic connections	inch.	1" 1/2	1" 1/2	2"	2"	2" 1/2	2" 1/2	3"	3"

Optional accessories

- High pressure and low pressure gauges
- Vibration dampening supports
- Anti-ice resistor
- Condensation control up to -20°C
- Second pump (SP version)
- Remote control panel
- Serial port connection

Versions:

CSCE	Cooling only (standard)
CSCE/WP	Heat pump
CSCE/DS	Heat recovery through heat booster
CSCE/RT	Total heat recovery
CSCE/SP	Hydraulic kit (pump, tank and expansion vessel)
CSCE/AP	High-pressure fans

Models

	CSCE182	CSCE202	CSCE262	CSCE302	CSCE364	CSCE404	CSCE524	CSCE604
Price Ref.	to consult							

WSE31-151

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the three-phase hermetic scroll type with klixon internal protection and sump resistor.

Condenser:

Made from AISI 316 stainless steel panels with pressure valve for use with well water or the urban water network.

Evaporator:

Made from AISI 316 stainless steel panels, insulated on the outside with flexible material on sealed cells.

Cooling circuit:

The circuit, made from copper pipe, includes: Dehydration filter, load valve, thermostatic expansion valve and cut-off valves on the compressor impulsion and intake.

Electrical panel:

The electrical components included in the units are the following:

- Automatic magneto thermal switch with override
- Compressor contact
- Pressure transducer
- Automatic fan speed regulator (for operation in cooling mode)

Microprocessor:

For the automatic administration of the following functions:

- Adjustment of the water temperature
- Anti-ice protection
- Timing of the compressors
- Alarm reset
- Free potential contacts for alarm signalling and change of cycle for thermal pump units.
- Visualisation of the operation cycle, status of the compressor, temperature of the return water, operational temperature, differential established and alarm codes.



WSE31-151

Technical specifications

MODEL		WSE 31	WSE 41	WSE 51	WSE 61	WSE 71	WSE 81	WSE 91	WSE 101	WSE 131	WSE 151
Cooling capacity	kcal/h	8000	9890	12130	14360	16250	17720	21840	25280	31300	38440
	kW	9,3	11,5	14,1	16,7	18,9	20,6	25,4	29,4	36,4	44,7
Heating capacity	kcal/h	10400	12470	15740	18660	20640	23050	28470	33540	40160	50310
	kW	12,1	14,5	18,3	21,7	24	26,8	33,1	39	46,7	58,5
Power supply	V/n°/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Power consumption	Cooling kW	2,6	3	3,6	4,4	5,1	5,7	7	8,3	10,1	13,2
	Heating kW	3,2	3,6	4,6	5,5	6,4	6,9	8,6	10,3	12,6	16,2
Maximum current	A	7	10	12	14	16	15	18	21	26	30
Starting current	A	46	50	66	74	101	99	123	127	167	189
Compressors	n°	1	1	1	1	1	1	1	1	1	1
Condenser	Water flow l/s	0,14	0,17	0,21	0,24	0,79	0,31	0,4	0,45	0,55	0,7
	Pressure drops kPa	4	25	44	39	43	29	29	38	41	29
	Hydraulic connections nch.	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
Evaporator	Water flow l/s	0,44	0,55	0,67	0,8	0,9	0,98	1,21	1,4	1,74	2,14
	Pressure drops kPa	6	25	44	39	43	29	29	38	41	29
	Hydraulic connections inch.	1	1	1	1	1	1	1	1	1	1
Noise level	dB (A)	44	46	46	47	48	50	50	50	51	51
Dimensions (standard version)	Width mm	550	550	550	550	550	550	550	550	550	550
	Depth mm	550	550	550	550	550	550	550	550	550	550
	Height mm	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
Weight (standard version)	kg	89	115	116	119	121	188	190	198	204	218
Refrigerant	type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Version SP	Pump nominal power kW	0,24	0,37	0,37	0,37	0,37	0,55	0,55	0,55	0,75	0,75
	Static pressure kPa	60	140	120	120	110	140	140	140	140	160
	Water volume capacity l	50	150	150	150	150	150	150	150	150	150
	Expansion vessel l	2	5	5	5	5	5	5	5	5	5
	Hydraulic connections inch.	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"

Optional accessories

- Remote control panel
- Flow switch (standard in SP version)
- Tank built into the structure with hydraulic safety valve
- High pressure and low pressure gauges
- Anti-vibratory devices

Versions:

WSE	Cooling only (standard)
WSE/WP	Heat pump
WSE/SP	Hydraulic kit (pump, tank and expansion vessel)

Models

		31	41	51	61	71	81	91	101	131	151
WSE	Code	3ICE2002	3ICE2003	3ICE2004	3ICE2005	3ICE2006	3ICE2007	3ICE2008	3ICE2009	3ICE2010	3ICE2011
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
WSE/WP	Code	3ICE2102	3ICE2103	3ICE2104	3ICE2105	3ICE2106	3ICE2107	3ICE2108	3ICE2109	3ICE2110	3ICE2111
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
WSE/SP	Code	3ICE2202	3ICE2203	3ICE2204	3ICE2205	3ICE2206	3ICE2207	3ICE2208	3ICE2209	3ICE2210	3ICE2211
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
WSE/WP/SP	Code	3ICE2302	3ICE2303	3ICE2304	3ICE2305	3ICE2306	3ICE2307	3ICE2308	3ICE2309	3ICE2310	3ICE2311
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult

WHE201-2804

Structure:

Of the self holding type, made from galvanised steel with protection via polyester paint. The panels can be dismantled providing easy access inside the unit for maintenance and repairs.

Compressors:

Of the alternative semi-hermetic type, they incorporate sump resistor, oil level viewer and thermal protection

Condenser:

Of the multitubular type with access to facilitate maintenance. It is fitted with a condensator for each cooling circuit. Hydraulic connections for operation with tower water or network water.

Evaporator:

Of the multitubular type, with one or two independent cooling circuits.

Cooling circuit:

Each unit has one or two independent cooling circuits. The circuit, made from copper pipe, includes: Dehydration filter, thermostatic valve with external balancing and service outlets. The following devices are incorporated to protect the circuit: High-pressure pressostat, low pressure pressostat and anti-ice thermostat.

Electrical panel:

The electrical components included in the units are the following:

- General override switch
- Fuses, thermal relays for protection of the compressor and thermal contacts for the fans.
- Interconnection relay
- Terminals for external connections
- Microprocessor for the automatic operation of the unit: This allows the status of the unit, the operational water temperature, its real temperature and the safety device that might have been activated as a protection measure to be viewed at any time.



WHE201-2804

Technical specifications

MODEL			WHE 201	WHE 301	WHE 401	WHE 501	WHE 602	WHE 702	WHE 802	WHE 1002	WHE 1202	WHE 1404	WHE 2004	WHE 2204	WHE 2804
Cooling capacity	kW		52	76,4	113,3	136,9	152,8	194,1	226,6	273,9	341,4	453,2	547,8	615,2	761,9
Heating capacity	kW		57,3	84,3	125	151,1	168,6	214,2	-	-	-	-	-	-	-
Power supply	V/n°/Hz		380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Maximum current	A		37	53	78	92	106	122	150	185	228	280	370	428	500
Starting current	A		97	135	180	226	188	208	248	295	355	383	480	664	688
Compressors	n°		1	1	1	1	2	2	2	2	2	4	4	4	4
Capacity steps	n°		2	2	2	2	4	4	2	2	2	2	2	2	2
Condenser	Water flow	l/s	3,18	4,75	7,02	8,62	9,49	12,38	13,84	16,82	21,24	28,09	35,15	39,17	47,38
	Pressure drops	kPa	13	22	35	48	22	36	62	64	55	47	51	53	67
	Hydraulic connections-IN	inch.	2x1"1/2	2x1"1/2	2x1"1/2	2x1"1/2	4x1"1/2	4x1"1/2	4x1"1/2	4x1"1/2	2x2"	2x3"	2x3"	2x3"	2xDN100
	Hydraulic connections-OUT	inch.	2"	2"	2"	2"	2x2"	2x2"	2x2"	2x2"	2x2"	2x3"	2x3"	2x3"	2xDN100
Evaporator	Water flow	l/s	2,47	3,64	5,42	6,53	7,31	9,28	10,83	13,09	16,31	21,65	26,17	29,39	36,4
	Pressure drops	kPa	37	34	24	31	33	27	36	51	59	43	62	49	33
	Hydraulic connections	inch.	1"1/2	2"1/2	DN80	DN80	DN80	DN100	DN125	DN125	DN150	DN200	DN200	DN200	DN200
Dimensions (standard version)	Width	mm	1800	1850	1950	2400	2370	2450	3300	3300	3300	3500	3500	4000	4000
	Depth	mm	800	800	810	810	810	820	860	860	860	860	860	860	860
	Height	mm	1400	1400	1400	1400	1400	1400	2000	2000	2000	2200	2200	2200	2200
Weight transport	kg		651	683	747	762	1025	1116	1600	1640	1950	2620	2650	3030	3340
Weight operation	kg		670	710	790	810	1080	1190	1700	1740	2080	2850	2880	3300	3580
Refrigerant	type		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C

Optional accessories

- Oil, high pressure and low pressure gauges
- Pressure valve
- Anti-ice resistor
- Serial port connection
- Remote control panel
- Vibration dampening supports
- Smooth start-up

Versions:

WHE	Cooling only (standard)
WHE/WP	Heat pump
WHE/HR	Heat recovery through heat booster
WHE/HRT	Total heat recovery
WHE/SSL	Super-silent configurations

Models

	WHE 201	WHE 301	WHE 401	WHE 501	WHE 602	WHE 702	WHE 802	WHE 1002	WHE 1202	WHE 1404	WHE 2004	WHE 2204	WHE 2804
Price Ref.	to consult												

FV13-73

Structure:

Made from steel plate and ABS details.

Battery:

Made from copper tube with aluminium blades, with a female connection fitted with a bleed valve. It incorporates a drainage tray and hydrolytic treatment.

Fan:

Silent centrifugal set with a twin body and sealed motor, mounted on anti-vibratory elastic supports.

Filter:

Can be dry cleaned, made of acrylic material and assembled on guides.

Control (optional):

Remote or built into the structure (depending on the model), allowing the operation mode, three fan speeds and the operational temperature to be selected.

Models

- VPE:

Fan convector with vertical impulsion and lower intake. Incorporates ABS slats that can be positioned in 4 directions and support legs.
- VOE:

Fan convector with horizontal impulsion and grille intake. Incorporates ABS slats that can be positioned in 4 directions.
- IVE:

Fan convector for vertical installation.
- IOE:

Fan convector for horizontal installation, with an input for impulsion.

Technical specifications

MODEL			13	23	33	43	53	63	73
Cooling capacity	Kcal/h		1126	1522	2124	2674	3474	4377	5547
	kW		1,31	1,77	2,47	3,11	4,04	5,09	6,45
Sens. refrig. capacity	Kcal/h		937	1247	1685	2081	2683	3319	4360
	kW		1,09	1,45	1,96	2,42	3,12	3,86	5,07
Heating capacity	Kcal/h		2752	3603	4902	6045	7748	10053	12547
	kW		3,2	4,19	5,7	7,03	9,01	11,69	14,59
Power supply	V/n°/Hz		220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption	W		0,02	0,04	0,05	0,07	0,08	0,16	0,2
Water flow	l/h		225	304	424	535	695	875	1109
Pressure drops	kPa		5,4	10,7	8	14,2	26,2	8	15,8
Maximum air flow	m³/h		240	340	430	540	690	910	1180
Noise level	dB (A)		26/34/41	26/38/44	25/34/40	27/37/44	33/39/46	34/43/48	34/42/52
Dimensions Series VPE	Width	mm	690	820	1080	1210	1470	1470	1730
	Depth	mm	210	210	210	210	210	275	275
	Height	mm	595	595	595	595	595	665	665
Dimensions Series VOE	Width	mm	690	820	1080	1210	1470	1470	1730
	Depth	mm	500	500	500	500	500	570	570
	Height	mm	210	210	210	210	210	275	275
Dimensions Series IVE	Width	mm	440	560	760	960	1160	1135	1410
	Depth	mm	185	185	185	185	185	250	250
	Height	mm	475	475	475	475	475	545	545
Dimensions Series IOE	Width	mm	440	560	760	960	1160	1135	1410
	Depth	mm	475	475	475	475	475	545	545
	Height	mm	208	208	208	208	208	273	273
Weight	kg		16	19	24	28	33	43	54



Accessories

- Second battery for installation with 4 tubes
- Valve for installation with 4 tubes

Models

		13	23	33	43	53	63	73
FV-VPE	Code	3ICE3041	3ICE3042	3ICE3043	3ICE3044	3ICE3045	3ICE3046	3ICE3047
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult
FV-VOE	Code	3ICE3141	3ICE3142	3ICE3143	3ICE3144	3ICE3145	3ICE3146	3ICE3147
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult
FV-IVE	Code	3ICE3231	3ICE3232	3ICE3233	3ICE3234	3ICE3235	3ICE3236	3ICE3237
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult
FV-IOE	Code	3ICE3341	3ICE3342	3ICE3343	3ICE3344	3ICE3345	3ICE3346	3ICE3347
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Kit valve for 2 pipes*	Code	3ICE3406			3ICE3407		3ICE3408	
	Price Ref.	to consult			to consult		to consult	
Built-in control panel* (Model VPE)	Code	3ICE3411						
	Price Ref.	to consult						
Control panel*	Code	3ICE3412						
	Price Ref.	to consult						
Electric heating	Code	3ICE3431	3ICE3432	3ICE3433	3ICE3434	3ICE3435	3ICE3436	3ICE3437
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult

*Note: accessories provided separately

FME04-FME18

Casing:

Made from fire resistant plastic material with an attractive design that adapts perfectly to the needs of hotels, offices or homes.

Battery:

Made from copper tubing with aluminium blades, and fitted with air and water bleed valves.

Fans:

Tangential, statically and dynamically balanced to reduce noise and vibrations.

Filter:

Synthetic and washable, it can be accessed easily by lifting up the front panel.

Slats:

Fitted with two motorised slat and positionable deflectors to provide better air distribution.

Microprocessor control:

It allows the following functions:

- Control of the 3 channel valve.
- Fan, heating and cooling modes.
- Master-slave operation.
- 24-hour timer.
- Indication of unit operation.
- RS485 serial port.

It incorporates wireless control and 3 channel valve.

Technical specifications

MODEL		FME04	FME06	FME09	FME12	FME15	FME18
Cooling capacity	Kcal/h	990	1550	2280	3030	3785	4540
	kW	1,15	1,8	2,65	3,52	4,4	5,28
Sens. refrig. capacity	Kcal/h	780	1065	1755	2425	2740	3140
	kW	0,91	1,24	2,04	2,82	3,19	3,64
Heating capacity (Water 50°C)	Kcal/h	1140	1810	2600	3480	4330	5290
	kW	1,32	2,1	3,02	4,05	5,03	6,15
Heating capacity (Water 70°C)	Kcal/h	1830	2730	3920	5230	6490	7910
	kW	2,13	3,17	4,56	6,08	7,55	9,2
Power supply	V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption	W	18	18	30	30	35	35
Current	A	0.13	0.13	0.24	0.24	0.35	0.35
Water flow	l/h	160	280	410	570	700	820
Pressure drops	kPa	5.85	15.72	10.48	16.62	21.38	25.31
Air flow	High	m³/h	470	510	700	850	900
	Medium	m³/h	305	340	475	560	630
	Low	m³/h	240	270	325	340	375
Noise level	High	dB (A)	35	36	38	39	45
	Medium	dB (A)	34	34	35	37	42
	Low	dB (A)	32	32	32	35	40
Dimensions	Width	mm	270	270	320	320	330
	Depth	mm	870	870	1,03	1,03	1,16
	Height	mm	176	176	196	198	198
Weight		kg	11.5	11.5	13.5	13.5	16.5
Connections	Water inlet	inch.	1/2"	1/2"	1/2"	1/2"	3/4"
	Water outlet	inch.	1/2"	1/2"	1/2"	1/2"	3/4"
	Condensed	inch.	1/2"	1/2"	1/2"	3/4"	3/4"

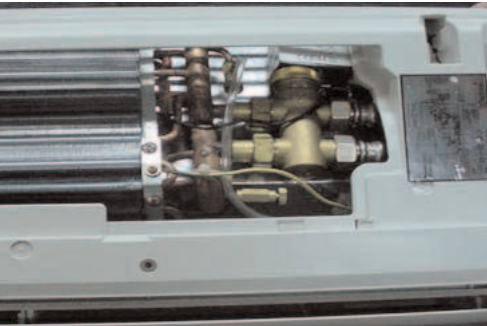


FME04-18

3 channel valve incorporated into the unit.

Includes microprocessor control and wireless controller.

Motorised slats.



3 channel valve incorporated into the unit.

Models

	FME04	FME06	FME09	FME12	FME15	FME18	Control panel
Code	3ISE1010	3ISE1020	3ISE1030	3ISE1040	3ISE1050	3ISE1060	3ISE9010
Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult

FCE03-FCE16

Structure:

Machine body thermally insulated to avoid the formation of condensate. Allows the contribution of outside air.

Panel:

Designed to be adapted to modular ceilings 600x600 or 1200x600. Incorporates a washable synthetic filter that is easy to remove.

Battery:

Made from copper tubing with aluminium blades, and fitted with bleed valves, tray and condensator pump.

Fans:

They have one or two units, dynamically and aesthetically balanced that work in silent mode.

Slats:

Motorised and positionable to achieve excellent air distribution.

Microprocessor control:

It allows the following functions:

- Control of the 3 channel valve.
- Fan, heating and cooling modes.
- Master-slave operation.
- 24-hour timer.
- Indication of unit operation.
- RS485 serial port.

Incorporates wireless control.

Technical specifications

MODEL			FCE03	FCE04	FCE06	FCE08	FCE09	FCE10	FCE12	FCE16
Cooling capacity		Kcal/h	1720	2580	3440	4300	5590	6665	7740	9030
		kW	2	3	4	5	6,5	7,75	9	10,5
Sens. refrig. capacity		Kcal/h	1250	1510	2440	2730	4040	4470	4630	5420
		kW	1,45	1,76	2,84	3,17	4,7	5,2	5,38	6,3
Heating capacity (Water 70°C)		Kcal/h	3610	4640	5930	7740	9890	11180	12560	14790
		kW	4,2	5,4	6,9	9	11,5	13	14,6	17,2
Heating capacity (Water 50°C)		Kcal/h	1890	2750	3610	4470	6190	7140	8510	9460
		kW	2,2	3,2	4,2	5,2	7,2	8,3	9,9	11
Power supply		V/n°/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50
Power consumption		W	33.5	36.7	54.2	70.7	33.5 x 2	54.2 x 2	60.2 x 2	70.7 x 2
Power current		A	0.149	0.178	0.241	0.32	0.149 x 2	0.241 x 2	0.315 x 2	0.32 x 2
Starting current		A	0.45	0.534	0.723	0.96	0.894	1.446	1.89	1.92
Water flow		l/h	375	570	780	940	1.125	1320	1500	1770
Pressure drops		kPa	3	3.4	5.6	7.8	18.2	24.2	12.3	16.6
Number of fans			One	One	One	One	Double	Double	Double	Double
Air flow	High	m³/h	360	510	624	768	1020	1158	1284	1500
	Medium	m³/h	300	420	564	624	840	960	1110	1260
	Low	m³/h	252	348	468	516	690	780	930	1050
Noise level	High	dB (A)	38	39	43	46	40	46	49	50
	Medium	dB (A)	37	37	41	43	39	44	45	49
	Low	dB (A)	29	30	35	37	32	36	38	40
Dimensions	Width	mm	570	570	570	570	1.100	1.100	1.100	1.100
	Depth	mm	570	570	570	570	570	570	570	570
	Height	mm	250	250	290	290	290	290	290	290
Dimensiones Panel		mm	650x650x28	650x650x28	650x650x28	650x650x28	690x1220x28	690x1220x28	690x1220x28	690x1220x28
Weight		kg	27	28	28	28	57	59	59	59
Connections	Inlet	inch.	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Outlet	inch.	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed	inch.	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"



FCE09/10/12/16



FCE03-04-06-08

Motorised slats.

Includes microprocessor control and wireless controller.

Condensate elevation pump

Models

	FCE03	FCE04	FCE06	FCE08	FCE09	FCE10	FCE12	FCE16	COUPLING
Code	3ISE2010	3ISE2020	3ISE2030	3ISE2040	3ISE2050	3ISE2060	3ISE2070	3ISE2080	3ISE9020
Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult

UTWE63-544

Structure:

Made from galvanised plate (63-274) and pre-painted plate (333-544), completely covered with thermo acoustic insulation.

Fans:

Of the double intake centrifugal type, aesthetically and dynamically balanced to minimise noise and vibrations, coupled directly to the three speed single-phase motor (63-273) or with three-phase belt drive of a single speed (333-544).

Battery:

Made from copper tube with aluminium blades, with a drainage tray.

Air filter:

Made from recyclable synthetic material of EU3 class. Checks are made through the lower part (63+274) or the side (333+544).

Electrical panel:

Include connection plates for control connection and the electrical power.

Control (optional):

Allows temperature control in summer and winter, as well as fan speed selection.



UTWE63-544

Technical specifications

MODEL			UTWE 63	UTWE 93	UTWE 104	UTWE 133	UTWE 153	UTWE 233	UTWE 274	UTWE 333	UTWE 414	UTWE 464	UTWE 544
Cooling capacity		kW	4,6	7,5	9,1	10,5	13,1	15,7	20,7	25,9	31,7	38,1	42,8
Sens. refrig. capacity		kW	3,5	6	7,1	8,4	9,2	12,3	16,7	20,1	24,6	29,6	33,2
Heating capacity		kW	9,8	15,5	19,7	21,6	25,9	35,5	46,3	60,1	75,8	91,8	97,1
Power supply		V/n°/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50
Power current		A	0,09	0,15	0,15	0,15	0,15	0,42	0,6	0,75	0,75	1,1	1,1
Maximum current		A	1	2,1	2,1	2,1	2,1	3,9	6,1	3,3	3,9	3,9	5,4
Water flow		l/s	0,2	0,33	0,43	0,44	0,53	0,72	1	1,24	1,51	1,82	2,04
Pressure drops		kPa	14	19	21	18	24	24	26	29	14	29	26
Air flow	High	m³/h	1000	1600	1700	2200	2500	3900	4500	5500	6800	7700	9000
	Medium	m³/h	800	1200	1300	1800	2000	3000	3800	—	—	—	—
	Low	m³/h	600	850	900	900	1300	1900	2000	—	—	—	—
Pressure available		Pa	100	120	120	120	130	130	130	100	100	100	100
Noise level		dB (A)	35	38	38	40	41	43	43	56	57	57	58
Dimensions	Width	mm	455	455	455	505	540	540	540	800	800	800	800
	Depth	mm	645	1005	1005	1005	1105	1345	1345	1400	1400	1400	1400
	Height	mm	275	275	275	325	325	375	375	800	800	1050	1050
Weight		kg	29	42	44	57	65	67	70	168	168	173	175
Connections		G	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Hot water coil	Heating capacity	kW	6,8	10,9	11,5	13,5	16	20,3	22,2	47,4	58,4	64	75,1
	Pressure drops	Pa	10	11	12	15	15	20	24	24	42	25	38
	Water flow	l/s	0,16	0,26	0,28	0,33	0,39	0,5	0,54	1,16	1,42	1,56	1,83
	Pressure drops	kPa	10	11	12	15	15	20	24	10	15	10	14
	Connections	G	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Electric heating EH1	Voltage/phases	V/ph	380/3	380/3	380/3	380/3	380/3	380/3	380/3	—	—	—	—
	Heating capacity	kW	3	4,5	4,5	4,5	6	6	6	—	—	—	—
	Maximum current	A	4,5	6,8	6,8	6,8	9,1	9,1	9,1	—	—	—	—
	Num. steps	n°	1	1	1	1	1	1	1	—	—	—	—
Electric heating EH2	Voltage/phases	V/ph	380/3	380/3	380/3	380/3	380/3	380/3	380/3	—	—	—	—
	Heating capacity	kw	6	9	9	9	12	12	12	—	—	—	—
	Maximum current	A	9,1	13,7	13,7	13,7	18,2	18,2	18,2	—	—	—	—
	Num. steps	n°	1	1	1	1	1	1	1	—	—	—	—

Models

		63	93	104	133	153	233	274	333	414	464	544
UTWE	Code	3ICE3500	3ICE3501	3ICE3502	3ICE3503	3ICE3504	3ICE3505	3ICE3506	3ICE3507	3ICE3508	3ICE3509	3ICE3510
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Electric heating EH1	Code	3ICE3541	3ICE3542	3ICE3542	3ICE3543	3ICE3544	3ICE3545	3ICE3545				
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult				
Electric heating EH2	Code	3ICE3551	3ICE3552	3ICE3552	3ICE3553	3ICE3554	3ICE3555	3ICE3555				
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult				
Mixing box	Code	3ICE3561	3ICE3562	3ICE3562	3ICE3563	3ICE3564	3ICE3565	3ICE3565				
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult				
4 pipe system	Code	3ICE3570	3ICE3571	3ICE3572	3ICE3573	3ICE3574	3ICE3575	3ICE3576	3ICE3577	3ICE3578	3ICE3579	3ICE3580
	Price Ref.	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult	to consult
Control panel	Code	3ICE3412										
	Price Ref.	to consult										

Accessories

Common accessories

	UNION TUBE DRAINAGE 20 a 40	UNION TUBE DRAINAGE50 - 80	UNION TUBE DRAINAGE 100 - 70	SUPPORTS UNIDAD EXT. 20 a 40	SUPPORTS UNIDAD EXT. 100 a 70
Code	4JAG 0001	4JAG 0002	4JAG 0003	4JSO 0003	4JSO 0004

Wall mounted and multi split wall mounted

	SET ELECTROSTATIC FILTERS 20/25/35	SET ELECTROSTATIC FILTERS ACTIVATED CARBON 40/50	SET ELECTROSTATIC FILTERS ACTIVATED CARBON 71/80	SET ELECTROSTATIC FILTERS + FRAMES 20/25/35	SET ELECTROSTATIC FILTERS ACTIVATED CARBON + FRAMES 40/50	SET ELECTROSTATIC FILTERS ACTIVATED CARBON + FRAMES 71/80
Code	4JAG 0007	4JAG 0008	4JAG 0009	4JAG 0010	4JAG 0011	4JAG 0012

	40/50	REMOTE CONTROL INOX PROTECTOR VRF	20/40/35	ACCUMULATOR TANKS AOY30Ti4
Code	4JAG 0004	4JAG 0005	4JAG 0006	4JAG 0026

Celling

	DRAIN WATER LIFTER 80/100/125/140
Code	4JAG 0013

Cassette

	ADDITIONAL FRAME 71/80/100/125/140
Code	4JAG 0014

Duct type

	CIRCULAR AIR OUTLET FRAME (one unit)	CIRCULAR COUPLING 71/80/100/125 (4 units)	PLENUM WITH CIRCULAR OUTLETS 170	REMOTE SENSOR
Code	4JAG 0015	4JAG 0016	4JAG 0017	4JAG 0027

WIRELESS CONTROLLER +RECEPTOR		SIMPLE REMOTE CONTROLLER	EXTERNAL ELECTRICAL HEATER 35-50-250 71-125-285		CONDENSATE PUMP	EXTERNAL SET OF CONNECTORS
Code	To consult	To consult	4JAG 0024	4JAG 0025	4JAG 0029	4JAG 0028

Installation accessories COPPER TUBING

	COPPER TUBING Ø 1/4" Thikness 0,76 mm 10 rolls/box	COPPER TUBING Ø 3/8" Thikness 0,81 mm 10 rolls/box	COPPER TUBING Ø 1/2" Thikness0,81 mm 6 rolls/box	COPPER TUBING Ø 5/8" Thikness 0,89 mm 6 rolls/box	COPPER TUBING Ø 3/4" Thikness 0,89 mm 4 rolls/box
Code	4JCO 0001	4JCO 0002	4JCO 0003	4JCO 0004	4JCO 0005

Flexible thermal insulation 15 mts

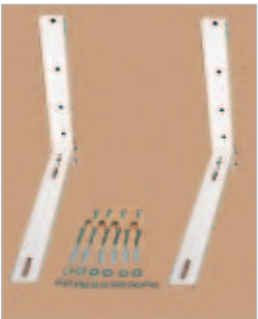
	linsulating box tubes 1/4" Thikness 6x6 mm 340 m/box	linsulating box tubes 3/8" Thikness 6x10 mm 290 m/box	linsulating box tubes 1/2" Thikness 6x12 mm 250 m/box	linsulating box tubes 5/8" Thikness 6x15 mm 200 m/box	linsulating box tubes 3/4" Thikness 6x18 mm - 180 m/box
Code	4JAI 0001	4JAI 0002	4JAI 0003	4JAI 0004	4JAI 0005

Insulating strip

	INSULATING STRIP 15 METRES 3 mm thikness - 50 mm de depth
Code	4JAI 0056

N.B.: Full boxes of copper tubing will be sent. Individual sales only available on collection from our warehouses.

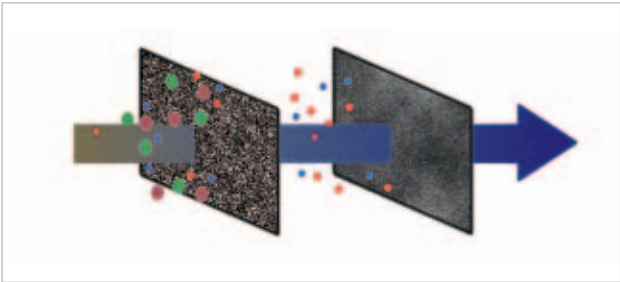
Please check reference prices and the rest of the accessory range in "Clima accessory catalogue 2006".



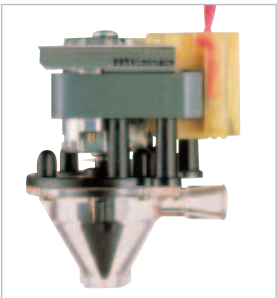
Supports



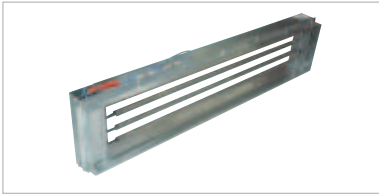
Remote controlL INOX protector



Set filters



Drain water lifter



External electrical heater



Circular outlet frame



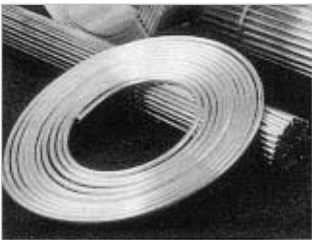
Simple remote controller



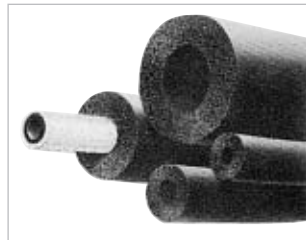
Condensate pump



Wireless controler +receptor



Copper tubing



Flexible thermal insulation



Insulating strip

Purifying filters.

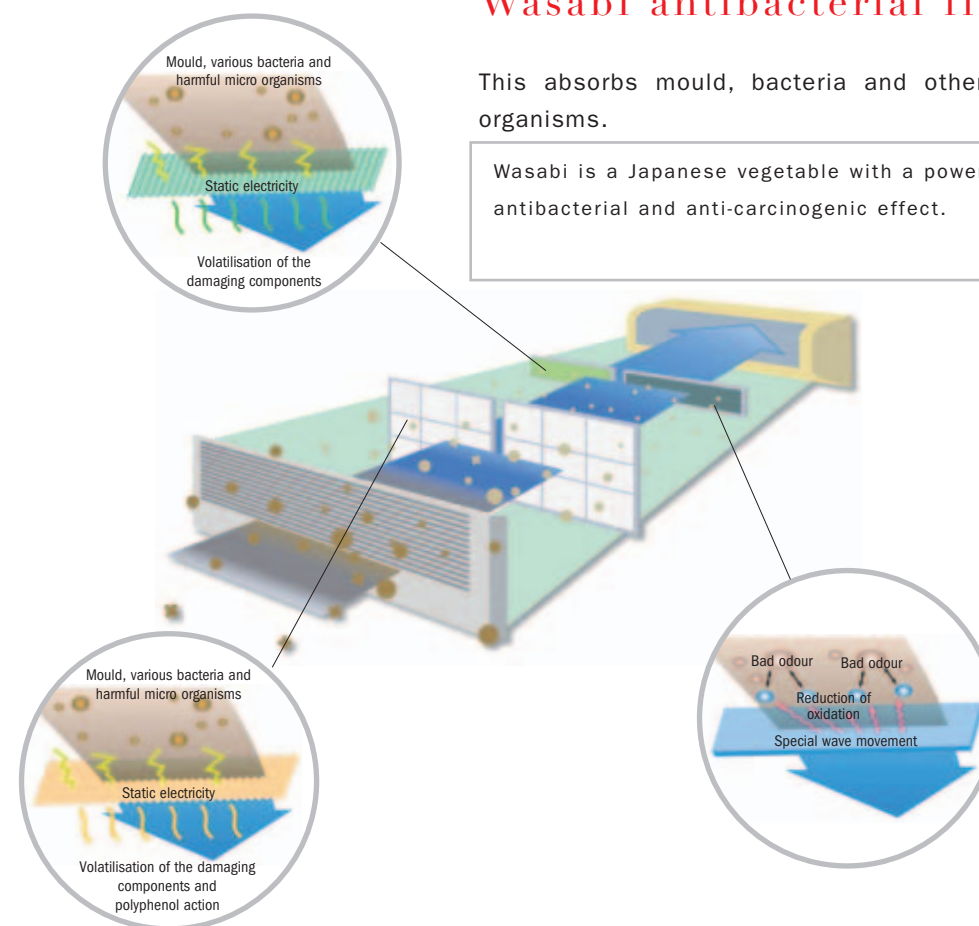
A fresh environment free from impurities



Wasabi antibacterial filter

This absorbs mould, bacteria and other harmful micro organisms.

Wasabi is a Japanese vegetable with a powerful antibacterial and anti-carcinogenic effect.



Antibacterial filter

The static electricity generated by the antibacterial filter neutralises spores, small particles and micro organisms.

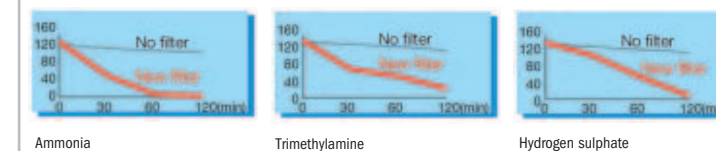
Found in vegetables, fruits and tea, polyphenol is a natural element that has strong antioxidant, antibacterial and deodorising powers.



Ion deodoriser filter

To remove bad smells the deodorising filter generates ions that reduce oxidation.

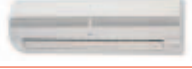
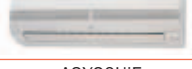
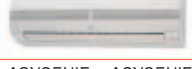
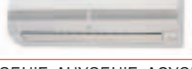
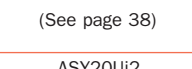
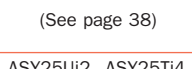
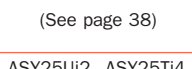
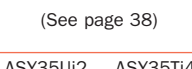
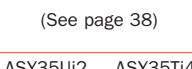
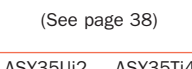
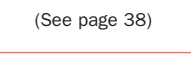
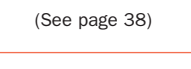
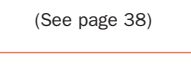
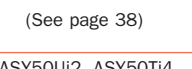
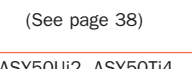
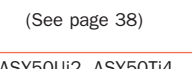
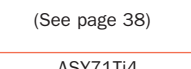
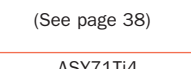
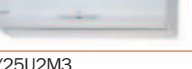
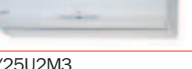
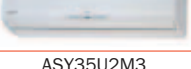
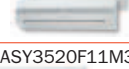
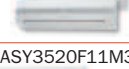
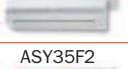
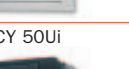
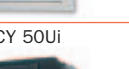
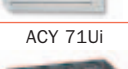
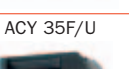
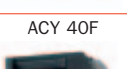
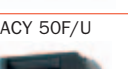
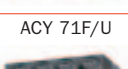
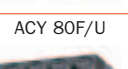
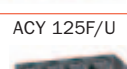
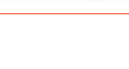
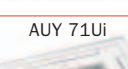
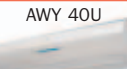
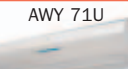
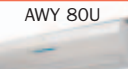
Deodorising effect (removal of bad smells)



Models

For models ASY20/25/35U/F - ASY20/25/35UI2/Ti4 - Interior multisplits		
Model	Antibacterial filter	Deodorising filter
Code	4JAG0018	4JAG0019

For models ASY71/80U/F - ASY50UI2/Ti4 - ASY71Ti4	
Model	Wasabi filter + Deodoriser
Code	4JAG0023

W	2.000	2.500	3.500	4.000	5.000	6.300	7.100	8.000	10.000	12.500	14.000	17.000
Plasma Clean												
Wall Ceiling Inverter				 	 		 	 				
Wall Mounted Inverter							 	 				
Wall Mounted Heat pump Classe A												
Wall Mounted Heat pump					 		 	 				
Wall Mounted Cooling					 		 	 				
Multi Split Inverter F Series	 (See page 38)	  (See page 38)	   (See page 38)	   (See page 38)	   (See page 38)	 (See page 38)	  (See page 38)					
Multi Split Inverter		 	 		 							
Multi Split Heat pump					 							
Multi Split Cooling					 							
Duct Type Inverter												
Duct Type Cooling-heat pump												
Cassette Inverter												
Cassette Cooling-heat pump												
Wall Ceiling							 	 				
Floor/Ceiling Inverter												
Floor/Ceiling Cooling-heat pump												
Large Ceiling Inverter												
Large Ceiling Cooling-heat pump												
Windows												

Functions of our air conditioners



1. Moisture Removal

The computer effectively dehumidifies the air.



2. Up/Down Swing Flaps

The up/down flaps automatically swing to up and down.



3. Double Swing Automatic

Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.



4. Automatic Flaps

The position of the flaps is set automatically to match the operating mode. It is also possible to adjust the flaps using the remote control.



5. Auto Shut Flaps

The auto shut flaps close or open automatically when the unit stops or starts.



6. Automatic Air Flow Adjustment

The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.



7. Auto Restart

In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.



8. Auto-Changeover

The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



9. Sleep Timer

The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.



10. Program Timer

This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.



11. Weekly timer

Diferent on-off times can be set for each day.



12. Connectable Distributing Duct

Conditioned air can be distributed by means of a distribution duct.



13. Connectable Fresh Air Duct

Duct connection port hole opening: Fresh air can be introduced through this opening.



14. Long-life Ion deodorization filter

By reducing the oxidation via the generation of ions, this filter efficiently neutralises bad smells.



15. Anti-bacteria filter

By using static electricity, this filter removes small spores, particles and micro organisms.



16. Class A

Top ratings in energy efficiency.



17. Energy Save

Considerable energy savings are achieved thanks to the temperature adjustment control of the thermostat.



18. Test Function

Checks the operation of the unit and emits an error signal when the unit requires checking.



19. Pump Down

This function allows the coolant to be collected by activating a switch on the electronics board.



20. Control Zone

This allows up to 16 different units to be controlled with a single remote controller.



21. Hot start

The indoor unit fan will not operate until the heat exchanger reaches the set temperature.

air conditioning

FUJITSU

the silence

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