

PNX & FLO

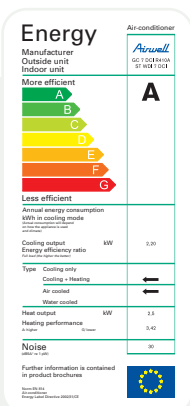
WALL MOUNTED RANGE

DC INVERTER



Airwell





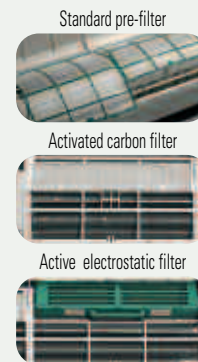
FLEXIBILITY AND COMFORT OF USE, SET TEMPERATURE QUICKLY REACHED, SILENT OPERATION, AMBIENT TEMPERATURE OPTIMALLY MAINTAINED AND ENERGY SAVINGS MAKE FLORIDA DCI AN EXCEPTIONAL RANGE.

Never has technology gone so far to provide optimum user comfort. The PNX & FLO DCI combine aesthetics, refined lines and advanced technology. An innovative design, with a rare degree of discretion and elegance mean that these wall mounted units can satisfy the latest expectations in terms of living habitats. The latest DC INVERTER technology, in combination with the use of the eco-friendly fluid R410A (that preserves the environment) make for optimum efficiency (class A energy label) and exceptional performance levels. (Operates in hot mode down to -15 °C). Its flexibility, user friendliness, ability to retain a constant temperature, broad operating range and extremely silent running make it an exceptional device. For perfect air treatment quality, the PHOENIX & FLORIDA DCI are equipped as standard with an ioniser to provide a negative ion balance in the air.

THE FILTERS

In addition to automatic air sweeping that adopts the best blowing angle for the mode selected, this range has an exceptional air treatment quality (ensured by 3 filtration levels) to provide optimum comfort to the occupants.

- **Standard filters or pre-filters:** eliminate the largest particles (dust or other impurities). They are regenerative (wash with soapy water), and an indicator light shows the cleaning times.
- **Activated carbon filter:** specially designed to neutralise odour-bearing particles (tobacco, kitchen smells, animal smells, etc.), this photo-catalytic type filter needs to be placed in the light every 6 months to restore its optimum efficiency.
- **Active electrostatic filter (ESF):** Electrically charged particles are attracted by a series of polarised plates that trap and collect dust, pollen, mites, bacteria, tobacco smoke. Its full efficiency is restored simply by washing in water.



IONISER

The air we breathe is electrically charged, positively and negatively. In closed and urban environments, the concentration of negative ions in the atmosphere is lower. The AIRWELL ioniser restores the negative ion balance in our environment, to provide an exceptional level of habitat comfort.

- Average negative ions in our environment (quantity per cubic centimetre): Seaside 10,000 cc, Mountains 5,000 cc, City 1,000 cc, City centre office (average) 50 cc
- The AIRWELL ion generator installed on the device generates a quantity of ions of between 30,000 and 50,000 per cubic centimetre.

Wall-mounted split unit **PHOENIX DC INVERTER** is available with the ecologically friendly fluid **R410A**. This provides high energy efficiency, while preserving the ozone layer, and is easily recyclable. Its high density and high energy efficiency make for high performance coefficients, thereby providing significant energy savings.

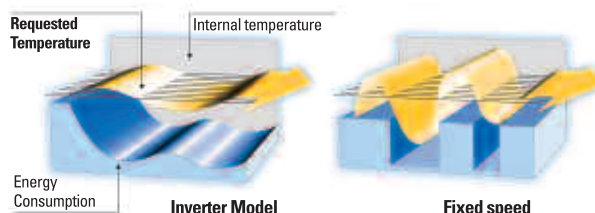
AIRCONET CONTROL SYSTEM

By using a communication gateway for connecting several **PNX & FLO DCI** indoor units, and with a simple Internet navigator, it is possible to achieve centralised and remote management of all your indoor units, room by room and floor by floor...).

In addition to improved occupant comfort (by programming unit start-up prior to the occupant's arrival) and reduced energy bills via closer consumption control as well as simplified management, the AircoNet system requires no special software installation and enables you to be kept informed of any system incident in real time by e-mail or SMS.

THE INVERTER TECHNOLOGY COMPRISES:

- A DC INVERTER type variable power compressor that provides better regulation and temperature control.
- 30% energy saving.
- Ultra silent operation.
- Heating mode operation down to outdoor temperatures of -15°C.

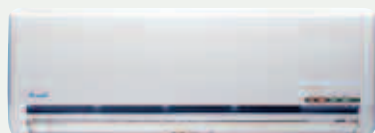


PNX & FLO DCI

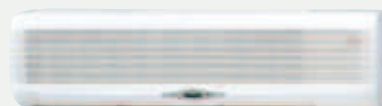
Wall mounted **DC INVERTER**

INDOOR UNITS PNX AND FLO DCI

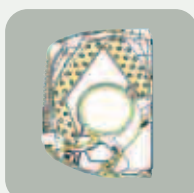
Indoor units PNX 9/12 DCI



FLO 30 DCI



PNX 18/21/24 DCI



EVAPORATOR

The double bend evaporator provides a greater exchange surface area, which increases its effectiveness and efficiency, while also reducing the size.



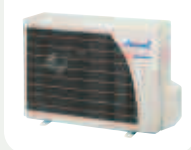
TURBINE

The aerodynamically designed tangential turbine, with a diameter greater than the conventional model, enhances the exchange process and reduces the noise level.

DCI OUTDOOR UNITS

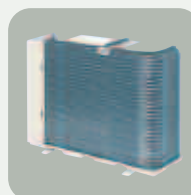
The heat-stable polyester material structure provides a reduction in the noise level, weight and a prolonged service life. The anticorrosion treatment with a High density powder paint coating ensures high resistance whatever the operating conditions.

GCNG 9/12/18 DCI



COMPRESSOR

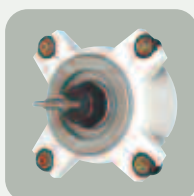
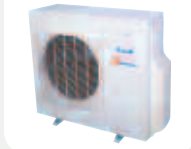
A variable power DC INVERTER rotary type, this compressor provides high efficiency and increased acoustic isolation.



CONDENSER

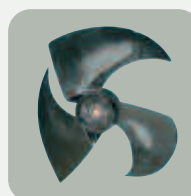
"Bluefin" hydrophilic treatment promotes the flow of condensates, while also providing corrosion protection to maintain performance levels and prolonging the service life.

GC 24/30 DCI



VENTILATOR MOTOR

A variable power DC INVERTER type, this high efficiency motor provides silent operation.



PROPELLER

With 3 aerodynamic blades, the propeller offers better balance, enhances the exchange process and makes silent operation possible.



INFRARED REMOTE CONTROL (RC4)

With its very compact size and carefully designed ergonomics, the Airwell infrared remote control offers excellent user comfort. It allows the user to programme numerous sophisticated functions such as: selection of 3 different fan/ventilation speeds, night time slow running, timer settings, dehumidification, energy savings function, "I feel" function... By simply pressing a single key, the desired temperature can be very accurately obtained and controlled.

OPTION

Wall mounted remote control RCW 2.



PNX & FLO DCI

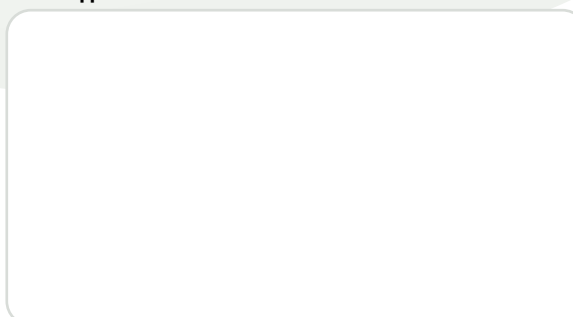
Wall mounted 

		PNX 9 DCI	PNX 12 DCI	PNX 18 DCI	PNX 21 DCI	PNX 24 DCI	FLO 30 DCI
	Indoor Units	ST PNX 9 DCI	ST PNX 12 DCI	ST PNX 18 DCI	ST PNX 21 DCI	ST PNX 24 DCI	ST FLO 30 DCI
	Outdoor Units	GC 9 DCI	GC 12 DCI	GC 18 DCI	GC 21 DCI	GC 24 DCI Z	GC 30 DCI
Cooling	Capacity	2,5 (1,4-3,6)	3,5 (1,4-4,3)	5 (1,5-6)	6 (1,5-6,7)	6,8 (1,5-7,5)	7,8 (1,5-8,8)
	Input power	0,59	0,99	1,46	1,99	2,25	2,59
	EER/Energy label	4,2 / A	3,5 / A	3,4 / A	3,0 / B	3,0 / B	3,0 / B
	Temperature Operating Limits	-10° / 46° Dry bulb					
Heating	Capacity	3,4 (1,5-5)	4,3 (1,5-5,8)	6 (1,5-7,6)	6,5 (1,8-7,9)	7,6 (1,5-8,8)	8,5 (1,5-9,5)
	Capacity at -15°C	2,0	2,6	2,3	-	-	-
	Input power	0,81	1,12	1,66	1,9	2,35	2,65
	COP/Energy label	4,2 / A	3,8 / A	3,6 / A	3,4 / B	3,2 / C	3,2 / C
	Temperature Operating Limits	-15° / 24° Dry bulb					
Indoor Units	Sound pressure level to 1 m	26/30/39	26/32/40	34/39/43	34/40/45	38/43/47	44/48/51
	Sound power level ¹	39/44/51	39/45/52	47/41/55	48/53/56	51/56/60	57/61/64
	Airflow ¹	330/430/530	350/450/550	550/700/850	620/760/900	670/800/960	950/1100/1250
	Deshumidification	1	1,5	2	2	2,5	3
	Dimensions (WxDxH)	810x210x285	810x210x285	1060x221x295	1060x210x295	1060x210x295	1200x236x340
	Weight	11,5	11,5	15	15	15	24
Outdoor Units	Sound pressure level to 1 m	51	52	53	55	56	56
	Sound power level	63	63	63	65	66	66
	Airflow	1780	1780	2160	2860	3600	3600
	Compressor type	Rotary DC Inverter	Rotary DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	795x290x610	795x290x610	795x290x610	846x370x690	950x412x835	950x412x835
	Weight	38	38	39	46	64,5	66
Power supply 1-230V - 50Hz	Power supply side	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	3x1,5	3x1,5	3x2,5	3x2,5	3x2,5	3x2,5
	Fuse rating am	16	16	20	20	20	20
	Electrical connections	4x1,5	4x1,5	4x2,5	4x2,5	4x2,5	4x2,5
Pipe line	Section pipe diameter	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"
	Liquid pipe diameter	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"
	Max length	20	20	30	30	30	30
	Max height	10	10	10	10	15	15

¹ Nominal heating capacity: International conditions 20°C/12°C wet bulb - Outside air temperature: 7°C/6°C wet bulb.
² Nominal cooling capacity: International conditions(NF EN 255.2 / 814.2 standards) - 27°C/19°C wet bulb - Outside air temperature: 35°C/24°C wet bulb.
³ Global acoustic pressure in dB(A) (1 m) at nominal conditions: outdoor unit in an open area against a reflective background - indoor unit : installation in an average sized room, (PV-0.5s reverberation).

Airwell

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