

PHOENIX
PNX DCI

WALL MOUNTED RANGE

Airwell



Airwell



OUTDOOR UNIT
GC 9-12-18 DCI



OUTDOOR UNIT
GC 21 DCI



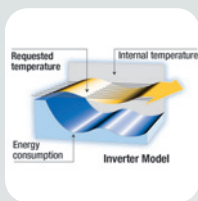
OUTDOOR UNIT
GC 24 DCI



RC4



THE DC INVERTER TECHNOLOGY



This technology includes:

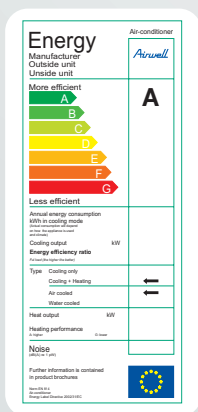
- A DC Inverter type variable power compressor that provides better regulation and temperature control.
- 30% energy saving.
- Ultra silent operation.

AIRCONET CONTROL SYSTEM



By using a communication gateway for connecting several PNx 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 comfort and reduced energy bills, thanks to a closer consumption control as well as simplified management, the AircoNet system requires no special software installation and enables users to be kept informed of any system incident in real time by e-mail or SMS.

ENERGY LABEL



Energy label is mostly known for household appliances. It was initiated by the EU to classify these appliances in 7 categories (from A to G) in relation to their energy consumption. Those appliances with the best energy efficiency are awarded with an A label, those with the lowest energy efficiency with a G label. This label also includes a certain number of details (Brand, Model, Cooling and Heating capacity, Noise level) and allows you to compare the efficiency of different products.



INFRARED REMOTE CONTROL

Small-size and with excellent ergonomic properties, the Airwell infrared remote control is highly user friendly. It can be used to program advanced multiple functions such as choosing between 3 ventilation speeds, night-time slow running, programming, dehumidification, energy saving function and "I feel" function, and many others. By only pressing a button you select the temperature to be obtained and controlled with a high degree of precision.

PHOENIX PNX DCI

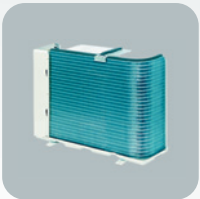
WALL MOUNTED RANGE

OUTDOOR UNIT FEATURES



DCI Outdoor Unit

The heat-stable polyester material structure provides a reduction of the noise level and weight as well as an extended service life. The anticorrosion treatment with a high density powder paint coating ensures high resistance whatever the operating conditions.



Condenser

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



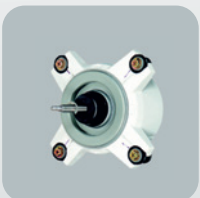
Compressor

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



Propeller

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



Ventilator Motor

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



PHOENIX PNX DCI

WALL MOUNTED RANGE

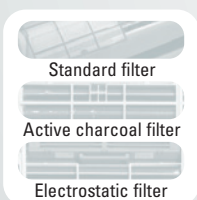
WALL MOUNTED RANGE

An innovative design with a high degree of discretion and elegance are the merits of the PHOENIX PNX DCI range. Technology in harmony with environment perfectly characterise this range including the latest DC Inverter technology and the use of an eco-friendly fluid (R410A). The PNX DCI offers a very high comfort level thanks to a uniform treated air distribution, optimal filtration quality and particularly low noise levels. Its flexibility, user friendliness, ability to retain a constant temperature, broad operating range and extremely silent running make it an exceptional device.

PRODUCT BENEFITS

- Perfect comfort, unequalled unobtrusiveness, great accuracy in maintaining the desired temperature and controlling air quality.
- Compatible with AIRCONET regulation.
- R410A "green" fluid.
- Optimal efficiency: Class A energy label (depending on models).
- Heating mode operation down to outdoor temperatures of -15° C.
- Optimal temperature regulation.
- Electronic regulation and programming.
- AQS filtration: electrostatic filter + Ioniser.
- Automatic treated air sweeping.
- Fluid pre-charged at the factory for up to 20 m pipe lengths (depending on models).
- Supplied with RC4 remote control.
- Multisplit configuration available

FILTERS



In addition to automatic air sweeping which 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).

Activated carbon filter: specially designed to neutralise odour-bearing particles (tobacco, kitchen smells, animal smells, etc.).

Active electrostatic filter (ESF): Electrically charged particles are attracted by a series of polarised plates which trap and collect dust, pollen, mites, bacteria, tobacco smoke.

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 comfort level to users.



R-410A: AN ECO-FRIENDLY FLUID

The PNX DCI WALL MOUNTED range is available with the ecologically friendly fluid R410A. This fluid 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 saving



AIR QUALITY SYSTEM (AQS)

The PNX DCI WALL MOUNTED models are equipped with the Airwell Air Quality System (AQS) integrating an ioniser and an active electrostatic filter in each unit, offering an optimum air quality to room occupants.

PHOENIX PNX DCI

WALL MOUNTED RANGE

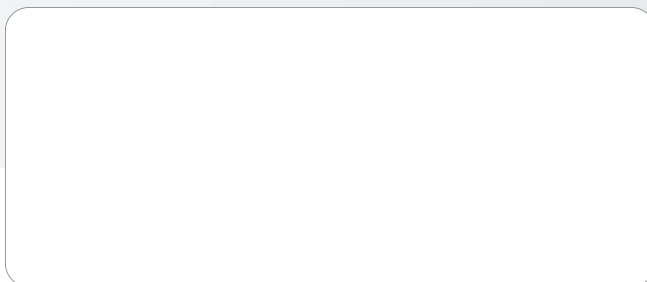
			PNX 9 DCI	PNX 12 DCI	PNX 18 DCI	PNX 21 DCI	PNX 24 DCI
		Indoor Units	ST PNX 9 DCI	ST PNX 12 DCI	ST PNX 18 DCI	ST PNX 21 DCI	ST PNX 24 DCI
		Outdoor Units	GC 9 DCI	GC 12 DCI	GC 18 DCI	GC 21 DCI	GC 24 DCI Z
Cooling	Capacity	kW	2,5 (1,4-3,6)	3,5 (1,4-4,3)	5 (1,5-6)	6 (1,5-6,7)	6,8 (1,5-7,5)
	Power input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

¹Data are relative to Low speed, Medium speed and High speed

CM PNXDCI 1 - A.1 MASTER - Specifications subject to change without notice. Non contractual pictures.

Airwell

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