

NORDIC

OUTDOOR DC INVERTER

Airwell



A TAILOR MADE SOLUTION



- The NORDIC DCI outdoor units has specially been designed for the Nordic market:
- Thanks to its Scroll compressor, the unit have lower sound level and tube vibration.
 - The heat exchanger has been adapted to special Nordic weather conditions.
 - Equipped with an ambient sensors for a Wider temperature range to ensure proper operation.
 - The front grill designed to avoid generating vibration.
 - The base is redesigned for better drainage after deicing and avoid ice accumulation.

PRODUCT BENEFITS

- High efficiency and very quite DC Scroll compressor.
- Technology in harmony with environment thanks to the R410A refrigerant.
- Heating mode available for all models.
- Energy efficiency class A in cooling and heating mode.
- Two sizes with 2,5 and 3,5 kW in cooling and 3,4 and 4,2 kW in heating mode.
- Precharged refrigerant for up to 7,5 m.
- Matching with wall mounted and cassettes indoor units.
- Extended operating limits :
Heating : -25°C to +24°C
Cooling : -10°C to +46°C
- Reduce sound levels.
- DC variable speed fan motor with high efficiency to control condenser temperature.
- Up to 20 m pipe length between indoor and outdoor units.
- Up to 10 m vertical high between indoor and outdoor units.

ADAPTABLE SOLUTION

The NORDIC DCI outdoor units are compatible with the PHOENIX PNX0 wall mounted range (size 009-012) or NEVADA CKD cassette range (size 009-012)



- Suitable for residential and light commercial applications
- Innovative design (High Glossy Finish).
- Aircare Bi-Polar air ionizer
- 3 levels of filtration



- Ideal solution for light commercial and commercial applications
- Modern and discrete style for easy integration
- Fresh air intake.
- Air distribution to an adjacent room.



R-410A: AN ECO-FRIENDLY FLUID

The NORDIC DCI outdoor units are available available with the ecologically friendly refrigerant R410A. This refrigerant 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.

NORDIC

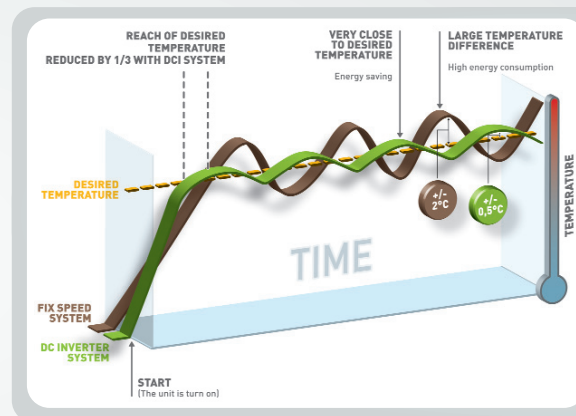
DCI OUTDOOR UNIT

A PROVEN DCI TECHNOLOGY

The NORDIC DCI is equipped with a scroll compressor with a rotary technology enabling a wide operating voltage, economical running and low sound and vibration. These outdoor units are made with heat-stable polyester material structure ensuring an optimum noise level, weight and service life.

A PROVEN DCI TECHNOLOGY

Unlike a basic fix speed system, which starts and stops repetitively, the inverter system varies the compressor speed, to achieve the desired temperature, thereby reducing power consumption for extra energy savings.



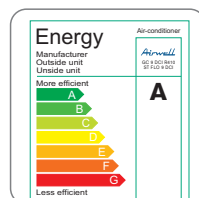
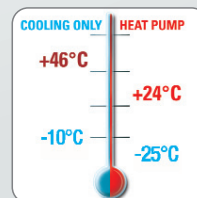
Key benefits of DCI system:

- 30 % energy saving.
- Quicker to achieve desired temperature.
- Quieter
- Constant temperature level maintained
- Superior operating performance

COMFORT AT EXTREMES



The new NORDIC outdoor units model offers a large operating range from -25°C to +24°C outdoor temperatures for heating operations to -10°C to +46°C for cooling operations. Thanks to the inverter design, the heating and cooling capacity of the units can be modulated from 30% to 115% of the rated capacity which allows exactly adapting the operation to the requirements and thus reducing the energy consumption.



ENERGY LABEL

The energy label classifies appliances in 7 categories from A (best energy efficiency) to G (lowest energy efficiency) in relation to their energy consumption and includes information such as Brand, Model, Cooling and Heating capacity, Noise level. The NORDIC DCI outdoor units are labelled as a class A in all operation models.

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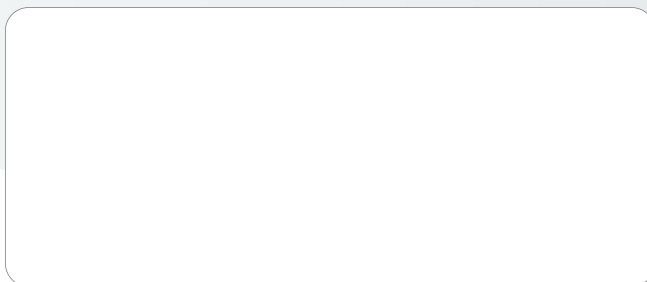
DCI OUTDOOR UNIT

Outdoor Units		GC 9 DCI NORDIC	GC 12 DCI NORDIC
	Capacity	2,5 (1,1-3,6)	3,5 (1,1-4,3)
Cooling	Input power	0,6	0,97
	EER/Energy Label	4,1 / A	3,6 / A
	Operating limits	-10°/ 46° Dry Bulb	-10°/ 46° Dry Bulb
	Capacity	3,4 (1,5-5)	4,2 (1,5-5,5)
Heating	Input power	0,83	1,14
	COP/Energy Label	4,05 / A	3,65 / A
	Operating limits	-25°/ 24° Dry bulb	-25°/ 24° Dry Bulb
Outdoor unit	Sound pressure level 1 mt	49	50
	Sound power level	57	58
	Airflow		1780
	Compressor type	Scroll DC Inverter	Scroll DC Inverter
	Dimensions (WxDxH)	795x290x610	795x290x610
	Weight	38	38,5
Power supply 1-230V-50Hz	Power supply side		
	Power cable section	mm ²	
	Fuse rating am	16	16
	Electrical connections	mm ²	
Pipe line	Suction pipe diameter	3/8"	3/8"
	Liquid pipe diameter	1/4"	1/4"
	Max lenght	20	20
	Max height	10	10

CM/NORDIC DCI1 - A.1 MASTER - Specifications subject to change without notice. Pictures non contractual.

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