

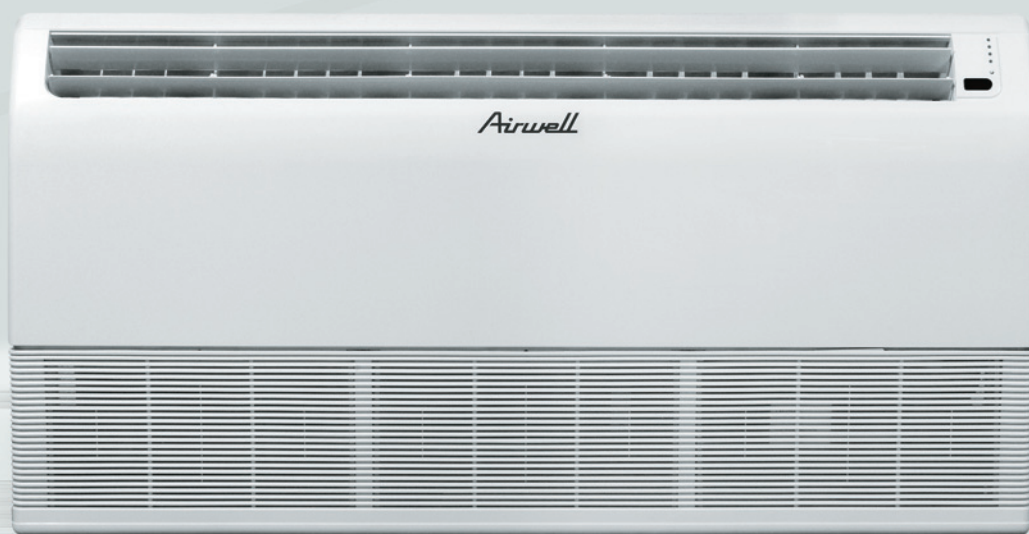
BEWELL FBD

DC INVERTER
FLOOR / CEILING RANGE

Airwell



Airwell



INDOOR UNIT **FBD 036**



INDOOR UNIT **FBD 045**



OUTDOOR UNIT **GCD 036**



OUTDOOR UNIT **GC 45 DCI**

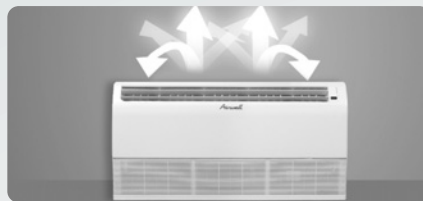


RC4 and RCW2



VERSATILE AND EASY TO INSTALL

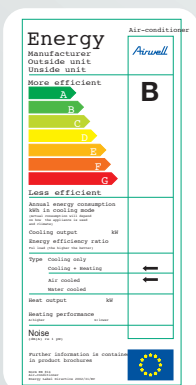
The BEWELL units offers great flexibility and a wide range of fitting applications due to the possibility of positioning the units either on the floor or the ceiling installing up to 70 m cooling pipe with vertical distance up to 30 m between indoor and outdoor units. The possible choice of vertical or horizontal installation allows a better flexibility and an optimum integration of the BEWELL units.



The indoor unit line comes with two casings, one small for unit 9.9 kW and one big for unit 12,5 kW. The indoor unit line comes with two casings, one small for unit 9.9 kW and one big for unit 12,5 kW.



ENERGY LABEL



The energy label classifies appliances in 7 categories (from A to G) in relation to their energy consumption and includes information such as Brand, Model, Cooling and Heating capacity, Noise level. Those appliances with the best energy efficiency are awarded with an A label, those with the lowest energy efficiency with a G label. The FBD range has been classified as B for model 045 and C for model 036 in cooling mode.



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.

BEWELL FBD

FLOOR / CEILING RANGE

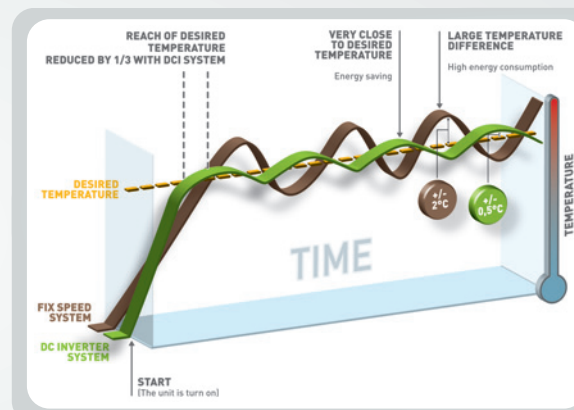
DCI OUTDOOR UNIT

The BEWELL FBD units are combined with GCD and GC DCI outdoor units. A rotary compressor enable the outdoor units to be highly efficient and ensure reduced noise level. These outdoor units are made with heat-stable polyester material structure ensuring an optimum noise level, weight and service life. The 10 kW outdoor unit features a particularly compact design and is the smallest in the market with 20% volume saving.

THE DC INVERTER TECHNOLOGY

DC INVERTER

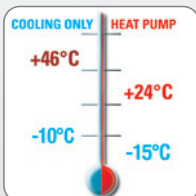
Unlike a basic fix speed system, which starts and stops repetitively, the inverter system varies the compressor speed, to achieve the desired temperature, thereby reducing power consumption for extra energy savings.



Key benefits of DCI system:

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

AN EFFICIENT SOLUTION



The new FBD models offer a large operating range from -10°C to 46°C outdoor temperatures for cooling operations to -15°C to 24°C for heating operations. Thanks to the inverter design, the heating and cooling capacity of the units can be modulated from 30% to 130% of the rated capacity which allows exactly adapting the operation to the requirements and thus reducing the energy consumption.

CLASSE

DC INVERTER

15



BEWELL FBD

FLOOR / CEILING RANGE

COMFORT IN EVERY SENSE

Compact and powerful unit the new BEWELL FBD floor ceiling ranges are specially designed to respond the specific needs of light commercial environment such as offices, shops, class room, open spaces etc.

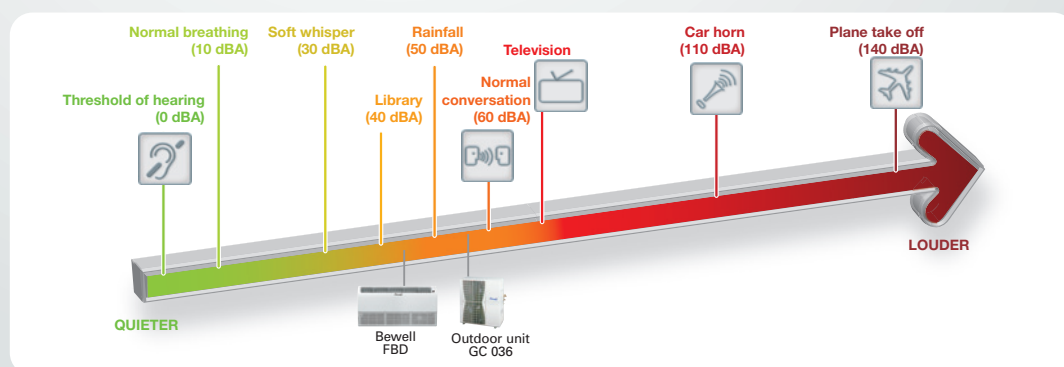
Technology in harmony with environment perfectly characterise this range including the latest DC Inverter technology and the use of an eco-friendly fluid (R410A) for optimum efficiency and unique performance levels. Efficient, simple and discreet, the FBD ranges ensures quiet operation, easy maintenance and control to offer the ultimate comfort to users.

PRODUCT BENEFITS



- Elegant and modern design.
- Versatile solution offering a variety of applications: Horizontal / Vertical installation build-in.
- Two types of casing for the indoor unit (small for the FBD 036 and big for FBD 045).
- Reaches quickly the desired temperature thanks to the DCI technology.
- Variable cooling and heating capacity from 30% to 130% (of rated capacity).
- R410A "green" fluid.
- Silent running (Sound pressure level at 1 meter 47 dBA maximum).
- Compact design of the 10 kW outdoor unit : the smallest in the market with 20% volume saving.
- Pre-charged system up to 30m.
- Operating range Cooling: From -10°C to 46°C outdoors.
- Operating range Heating : From -15°C to 24°C outdoors.
- Monitoring software (PC port for high level service).
- Networking connectivity: Airconet.
- Supplied with RC4 remote control.
- Wall mounted RCW2 remote control (Optional)

DECIBEL LEVEL OF DAILY NOISES



R-410A: AN ECO-FRIENDLY FLUID

The BEWELL FBD floor/ceiling range is 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.



AIRCONET CONTROL SYSTEM

This system provides a communication gateway for connecting several FBD indoor units (optional). A simple Internet navigator enable to achieve centralized and remote management of all indoor units, room by room and floor by floor. The No special software installation is required and users are kept informed of any system incident in real time by e-mail or SMS.

BEWELL FBD

FLOOR / CEILING RANGE

		FBD 036	FBD 045
Indoor Units		FBD 036	FBD 045
Outdoor Units		GCD 036	GC 43 DCI
Cooling	Capacity	9,9 (2,4-11,2)	12,5 (4,8-14,0)
	Power input	3,52	4,1
	EER/Energy Label	2,81 / C	3,01 / B
	Operating limits	-10° / 46° Dry Bulb	-10° / 46° Dry Bulb
Heating	Capacity	10,7	13,6
	Capacity at -15°C	6,0	7,1
	Power input	3,56	4,5
	COP/Energy Label	3,01 / D	3,01 / D
	Operating limits	-15° / 24° Dry Bulb	-15° / 24° Dry Bulb
Indoor unit	Sound pressure level 1 mt ¹	43/45/47	42/45/47
	Sound power level ¹	60/62/64	59/61/63
	Airflow ¹	945/1020/1110	1385/1480/1625
	Dehumidification	l/h	4,3
	Dimensions (WxDxH)	mm	1670x240x680
	Weight	kg	52
Outdoor unit	Sound pressure level 1 mt	56/58	56/58
	Sound power level	68/69	68/70
	Airflow	m³/h	5700
	Compressor type	Twin Rotary	Scroll
	Dimensions (WxDxH)	mm	900x340x970
	Weight	kg	110
Power supply 1-230V - 50Hz	Power supply side	Outdoor	Outdoor
	Power cable section	mm²	3x6,0
	Fuse rating	A	32
	Electrical connections ²	mm²	3x1,5+2x0,75
Pipe line	Suction pipe diameter	inches	3/4"
	Liquid pipe diameter	inches	3/8"
	Max lenght	m	70
	Max height	m	30

¹Data are relative to Low speed, Medium speed and High speed
²Shielded + Twisted

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

Airwell

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