

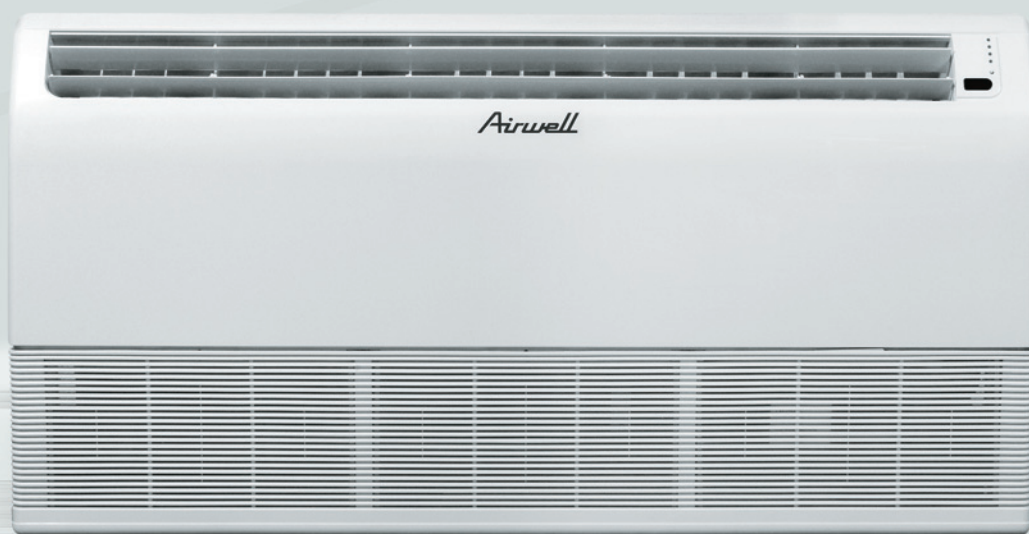
BEWELL  
FBF

FLOOR / CEILING RANGE

*Airwell*



# Airwell



INDOOR UNIT **FBF 030-036**



INDOOR UNIT **FBF 045-060**



OUTDOOR UNIT **GCN 30/30T**



OUTDOOR UNIT **GCN 36-43 NRCT**



OUTDOOR UNIT **YCF 055 T**

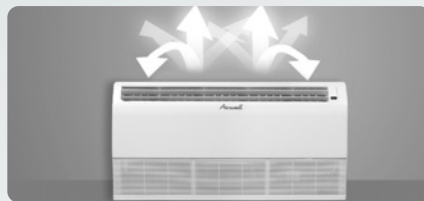


**RC4 and RCW2**

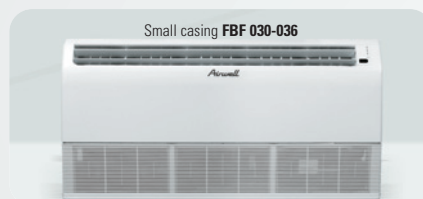


VERSATILE  
AND EASY  
TO INSTALL

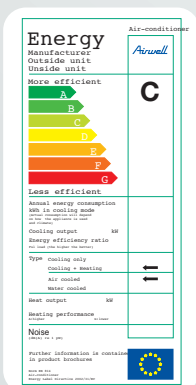
The BEWELL units offers great flexibility and a wide range of fitting applications due to the possibility of positioning the units either on the floor or the ceiling installing up to 50 m cooling pipe with vertical distance up to 25 m between indoor and outdoor units. The possible choice of vertical or horizontal installation allows a better flexibility and an optimum integration of the BEWELL units.



The indoor unit line comes with two types of casing, one small for units up to 8,35 kW and one big for units up to 13,6 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 FBF range has been classified as C, for model 030-036 in cooling mode and for models 045 in all operating modes..



## 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.



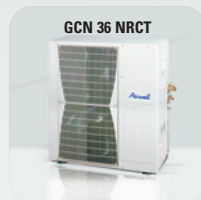
# BEWELL FBF

FLOOR / CEILING RANGE

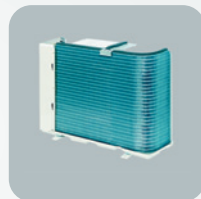
## OUTDOOR UNIT

The BEWELL FBF units are combined with high performance Airwell outdoor units. FBF 030-036 run with rotary compressor driven units providing optimum performance and noise levels. The bigger models FBF 045-060 are compatible with scroll compressors which have a rotary technology with a wide operating voltage, economical running and low sound and vibration.

### Outdoor units with rotary compressor

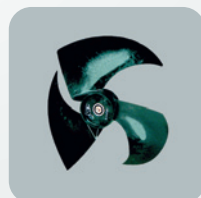


### Outdoor units with scroll compressor



#### Condenser

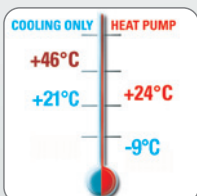
"Bluefin" hydrophilic treatment promotes the flow of condensates, while also providing corrosion protection to maintain performance levels and increasing the service life.



#### Propeller

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

## AN EFFICIENT SOLUTION



The new FBF models offer an important operating range from 21°C to 46°C outdoor temperatures for cooling operations to -9°C to 24°C for heating operations.



# BEWELL FBF

FLOOR / CEILING RANGE

## COMFORT IN EVERY SENSE

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

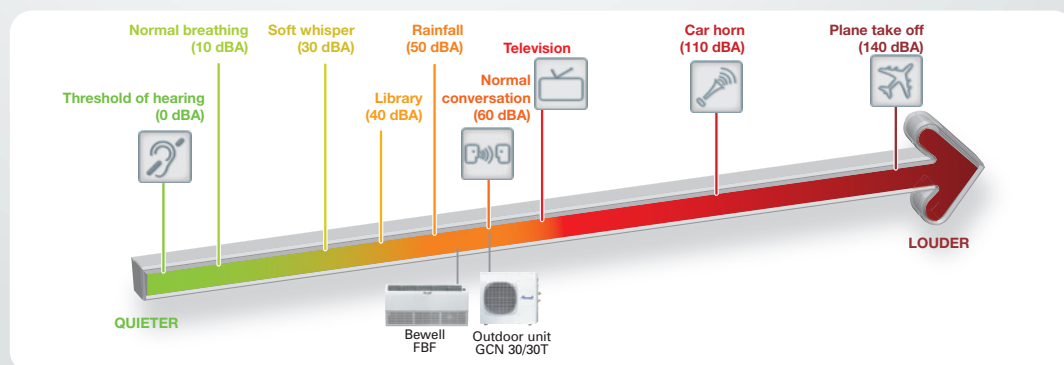
Technology in harmony with environment perfectly characterise this range including the use of an eco-friendly fluid (R410A) for optimum efficiency and unique performance levels. Efficient, simple and discreet, the FBF ranges ensures quiet operation, easy maintenance and control to offer the ultimate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

## PRODUCT BENEFITS



- Elegant and modern design.
- Environmental friendly thanks to the use of R410A "green" fluid.
- Important range of capacity available: from 4 Heat Pump models from 8,9 kW to 17 kW.
- Silent running (Sound pressure level at 1 meter 58 dBA maximum for the indoor unit).
- Versatile solution offering a variety of applications: Horizontal / Vertical installation build-in.
- Two types of casing for the indoor unit (small up to 10.8 KW and big up to 13.8KW).
- Wide range of fitting options due to connection facilities (up to 50 m cooling pipe).
- Performance Airwell outdoor units, with rotary or scroll compressor (depending on models).
- Networking connectivity: Airconet compatible.
- Supplied with RC4 remote control.
- Wall mounted RCW2 remote control (Optional).

## DECIBEL LEVEL OF DAILY NOISES



### R-410A: AN ECO-FRIENDLY FLUID

The BEWELL FBF 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 FBF 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 FBF

## FLOOR / CEILING RANGE

			<b>FBF 030</b>	<b>FBF 036</b>	<b>FBF 045</b>	<b>FBF 060</b>
<b>Indoor Units</b>			<b>ST FBF 030</b>	<b>ST FBF 036</b>	<b>ST FBF 045</b>	<b>ST FBF 060</b>
<b>Outdoor Units</b>			<b>GCN30/30T</b>	<b>GCN36NRCT</b>	<b>GCN43NRCT</b>	<b>YCF055T</b>
<b>Cooling</b>	<b>Capacity</b>	kW	<b>8,35</b>	<b>10</b>	<b>12,8</b>	<b>13,8</b>
	Power input	kW	2,92	3,33	4,46	4,91
	EER/Energy Label		2,86 / C	3,0 / C	2,87 / C	2,6 / D
	Operating limits	°C	21/46°C Dry Bulb	21/46°C Dry Bulb	21/46°C Dry Bulb	21/46°C Dry Bulb
<b>Heating</b>	<b>Capacity</b>	kW	<b>8,9</b>	<b>10,2</b>	<b>15,0</b>	<b>17,0</b>
	Capacity at -15°C	kW	1,41	1,87	2,27	2,9
	Power input	kW	2,78	3,43	4,55	5,64
	COP/Energy Label		3,2 / D	3,0 / D	3,3 / C	2,9 / D
<b>Indoor unit</b>	Operating limits	°C	-9/24°C Dry Bulb	-9/24°C Dry Bulb	-9/24°C Dry Bulb	-9/24°C Dry Bulb
	Sound pressure level 1 mt <sup>1</sup>	dB(A)	49/51/53	49/51/53	48/50/52	48/50/52
	Sound power level <sup>1</sup>	dB(A)	60/62/64	60/62/64	59/61/63	59/61/63
	Airflow <sup>1</sup>	m <sup>3</sup> /h	945/1020/1110	945/1020/1110	1385/1480/1625	1385/1480/1625
<b>Outdoor unit</b>	Dehumidification	l/h	2,8	3,3	4,3	5,6
	Dimensions (WxDxH)	mm	1285x198x660	1285x198x660	1670x240x680	1670x240x680
	Weight	kg	34	34	52	52
	Sound pressure level 1 mt	dB(A)	59	62	64	62
<b>Power supply 1-230V-50Hz</b>	Sound power level	dB(A)	69	70	72	70
	Airflow	m <sup>3</sup> /h	3150	4150	4500	5500
	Compressor type		Rotary	Rotary	Scroll	Scroll
	Dimensions (WxDxH)	mm	900x340x860	900x340x970	900x340x970	900x340x1255
<b>Power supply 3-400V-50Hz</b>	Weight	kg	78	87	91	110
	Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	mm <sup>2</sup>	3x4	3x4	-	-
	Fuse rating	A	25	25	-	-
<b>Pipe line</b>	Electrical connections	mm <sup>2</sup>	5x1,5	5x1,5	-	-
	Electrical connections	mm <sup>2</sup>	6x1,5	6x1,5	-	-
	Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
	Power cable section	mm <sup>2</sup>	5x2,5	5x2,5	5x2,5	5x2,5
<b>Pipe line</b>	Fuse rating	A	3x16	3x16	3x20	3x25
	Electrical connections	mm <sup>2</sup>	5x1,5	5x1,5	5x1,5	5x1,5
	Electrical connections	mm <sup>2</sup>	6x1,5	6x1,5	6x1,5	6x1,5
	Suction pipe diameter	inches	5/8"	3/4"	3/4"	7/8"
<b>Pipe line</b>	Liquid pipe diameter	inches	3/8"	3/8"	3/8"	1/2"
	Max lenght	m	50	50	50	50
	Max height	m	25	25	25	25

<sup>1</sup>Data are relative to Low speed, Medium speed and High speed

CM FBF1 - A.1 MASTER - Specifications subject to change without notice. Non contractual pictures.

# Airwell

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