Interklima®

BCW 20 (4R-6R)

HIGH STATIC DUCT TYPE FAN COIL UNITS
COOLING/HEATING
TERMINAL UNIT

COOLING CAPACITY: 6,2 kW - 19,9 kW
HEATING CAPACITY: 12,9 kW - 37,9 kW

Interklima High Static Duct type Fan Coils are the ideal solution for cooling/heating applications. They are available in 2 models with nominal capacities ranging from 6,2 kW to 19,9 kW in cooling and 12,9 kW up to 37,9kW in heating depending on the external static pressure.

This series is ideal in combination with Interklima air cooled water chillers or heat pumps for air conditioning offices, shops or any other commercial application, where floor and wall space is needed for fittings and furniture, allowing various air flow pattern flexibility through ducts according to the room shape and layout.

Features

- Low height (370mm).
- Easy access to all the components for maintenance.
- High external static pressure availability (80 - 120pa).
- Casing mode of galvanized steel. Electrostatically applied powder coating RAL 9002 (60 - 70μ) available upon request.
- EU 3 air filter.
- Insulated drain pan.
- Low operating noise levels.
- Multiple speed fan motor.
- A wide selection of optional accessories like additional water heating coil, discharge and return plenums with duct connection fittings available upon request.

Technical specifications

	BCW - 4R			BCW - 6R		
25 Pa External static pressure	High speed	Mid speed	Low speed	High speed	Mid speed	Low speed
Nominal air flow m³/h	2.660	2.070	1.450	2.500	1.980	1.400
Nominal cooling capacity kW	16.264	13.521	9.878	19.970	16.202	12.251
Nominal heating capacity kW	34.315	28.120	20.907	37.905	30.805	22.488
	BCW - 4R			**BCW - 6R**		
50 Pa External static pressure	High speed	Mid speed	Low speed	High speed	Mid speed	Low speed
Nominal air flow m³/h	2.410	1.840	1.250	2.250	1.760	1.220
Nominal cooling capacity kW	15.010	12.352	9.168	18.270	15.003	10.769
Nominal heating capacity kW	31.755	25.506	18.390	34.544	27.707	19.739
	BCW - 4R			**BCW - 6R**		
75 Pa External static pressure	High speed	Mid speed	Low speed	High speed	Mid speed	Low speed
Nominal air flow m³/h	2.170	1.610	1.050	2.000	1.540	1.030
Nominal cooling capacity kW	13.490	10.992	7.821	16.367	13.357	9.406
Nominal heating capacity kW	29.277	22.813	15.805	31.089	24.522	16.825
	BCW - 4R			**BCW - 6R**		
100 Pa External static pressure	High speed	Mid speed	Low speed	High speed	Mid speed	Low speed
Nominal air flow m³/h	1.920	1.380	840	1.740	1.310	830
Nominal cooling capacity kW	12.774	9.951	6.229	14.832	11.564	7.767
Nominal heating capacity kW	26.446	2.061	12.934	27.421	21.102	13.687

Dimensions BCW (DxWxH)	800x1200x370
Weight (kg)	67

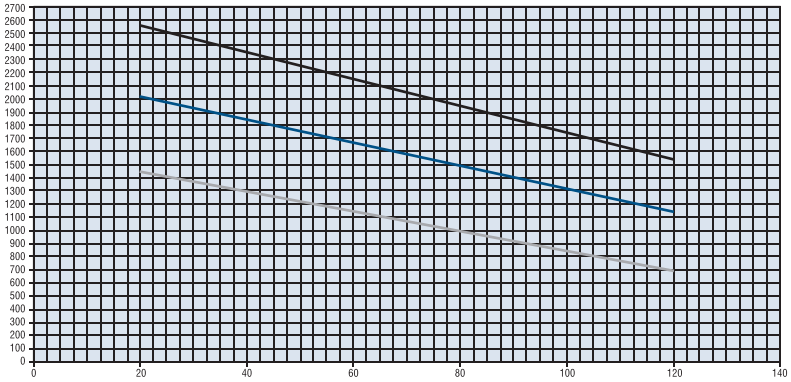
NOTES:

The above values are valid for the following conditions:

1) Cooling capacity: entering air temp. 27^{0}CDB/19^{0}CWB.
entering/leaving water temp 7^{0}C/12^{0}C.

2) Heating capacity: entering air temp. 20^{0}C DB.
entering/leaving water temp 70^{0}C/55^{0}C.

PRESSURE - AIR FLOW DIAGRAM **BCW 20 / 6R / H/K 3SPEED**



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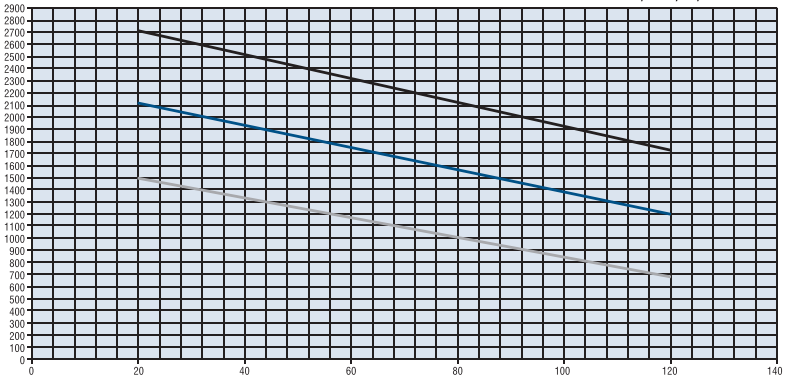

CGB2-4-05/06

Interklima units comply with the European regulations that guarantee the safety of the product
Specifications subject to change without notice

EN ISO 9001:2000

Products are manufactured in ISO 9001:2000 certified factories. ISO 9001:2000 pertains to quality assurance regarding design, development, manufacturing and installation of products as well as to services related to the product.

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