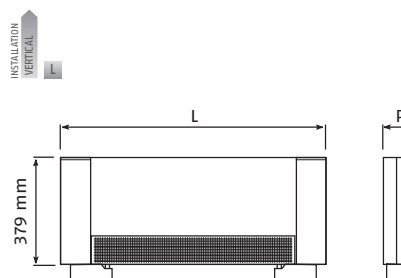


Fan coil

Design S Inverter



- Tangential fan coils with Brushless inverter motor

Description	H mm	L mm	P mm
DESIGN INVERTER 6BS	379	760	130
DESIGN INVERTER 11BS	379	960	130
DESIGN INVERTER 17BS	379	1160	130
DESIGN INVERTER 23BS	379	1360	130
DESIGN INVERTER 32BS	379	1560	130

The DESIGN S INVERTER have a height of 379 mm and are lower than traditional fan coils. This feature allow their installation in limited spaces.

The whole range is provided with DC Brushless Inverter motors, allowing a continuous modulation from 0 to 100% of the air flow and consequently of the heating and cooling capacity, heating and cooling any room very rapidly.

Thanks to the DC Brushless motors, the DESIGN S INVERTER have an electrical consumption that is 50% lower than the fan coils with traditional motors. The DESIGN S INVERTER range features an ultra flat design, thanks to a depth of just 13 cm.

The structure is made of zinc-coated sheet with the frontal grille made of aluminium. The range comes in 5 models with a cooling capacity from 560 W to 3140 W and a heating capacity from 780 W till 3910 W.

The wide range of accessories and controls with a touch DISPLAY support a wide application range.

- Extremely thin
- Height 379 mm
- Easy to remove and clean the filters
- Touch Display commands













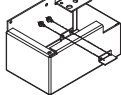
TECHNICAL DATA

Description	Power cooling 7 °C-12 °C (1) Watt	Power heating 50 °C (2) Watt	Power heating 70 °C-60 °C (3) Watt	Maximum air flow rate (4) m³/h	Sound pressure irradiation max-min (5) dB(A)	Code
WHITE FAN COIL						
DESIGN INVERTER 6BS	560	780	1390	140	38,8-23,8	20116265
DESIGN INVERTER 11BS	1040	1570	2730	250	39,5-24,9	20116267
DESIGN INVERTER 17BS	1640	2380	4140	390	41,4-25,1	20116271
DESIGN INVERTER 23BS	2310	3250	5650	540	41,6-25,7	20116272
DESIGN INVERTER 32BS	3140	3910	6620	600	42,6-26,8	20116273

Performance refer to the following conditions:

- (1) Room air temperature 27 °C d.b. and 19 °C w.b.
- (2) Air temperature 20 °C and the same water flow rate achieved in cooling mode
- (3) Air temperature 20 °C
- (4) Air flow rate measured with cleaned filters
- (5) According to UNI EN ISO 7779:2001

ACCESSORIES

Drawing	Description	Notes	Code
	CBD 25: TOUCH LCD onboard panel, of amber colour, that works as: ON/OFF, room thermostat with temperature range from 5 to 40 °C, summer-winter selector, fan control with water temperature probe. Fan speed can be regulated according to four operation modes: AUTO, NIGHT, MIN e MAX. Provided with 230 V output to control of an electronic valve.		20116409
	CBD 35: TOUCH LCD electronic on board control panel with continuous modulation. It makes the room temperature regulation fully automatic, through the programs AUTO, SILENT, NIGHT and MAX by means of a probe located in the lower part of the appliance. Communication protocol ModBus RTU.		20116408
	CPD 35 (MASTER): TOUCH LCD wall-hung electronic control panel with room probe and ModBus RTU communication protocol. The control panel allows to manage the room temperature through its temperature probe or through the on board probe of the fan coil. The panel allows to control one or more (up to max 30) fan-coils thanks to the on board electronic board CSD 35.	(1)	20116410
	CSD 35 (SLAVE): Electronic remoting board with continuous modulation for remote connection with the wall-hung control CPD 35. It is possible to connect max 30 electronic board to one control panel CPD 35.	(1)(2)	20116411
	CDI 15: Electronic remoting board with dry contacts	(2)	20116412
	CDI 15: Electronic remoting board with input 0 - 10V		20116413
	CI 15: Control panel for recessed installation	(1)	20147241
	CDI 15: Electronic remoting board	(1)(2)	20116412
	2-ways valve kit. The kit is composed by a valve with thermo-electric head, it allows to exclude automatically the panel fan coil from the system if combined with a control panel allowing the management.		20076590
	2-ways taps kit.		4013450
	Spacer fitting kit for 2-way valve unit for connecting the pipes to the valves with outlet on the floor and for 3-way valves unit for connecting the pipes to the valves with outlet on the wall.		20069423
	90°-connection kit, to allow an easy connection of the pipes to the valves for the exit from wall.		4013452
	White-feet kit. The kit is composed by two supporting feet that allow to place the panel fan coil on the floor.		4013458
	White mounting bracket kit. This kit is used to fix the panel fan coil to the floor, in case of installation in front of shop windows or wherever there is no possibility to fix it to the wall.		20069422

(1) Both codes are necessary for the first fan coil

(2) It must be installed 1 piece for every remoted fan coil