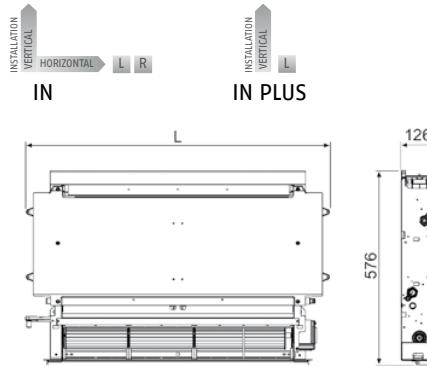


Fan coil for recessed installation

Helioterm In Inverter In Inverter Plus



- Fan coils with Brushless inverter motor for recessed installation in the wall

Description	H	L	P
	mm	mm	mm
IN INVERTER 11	576	525	126
IN INVERTER 21	576	725	126
IN INVERTER 33	576	925	126
IN INVERTER 40	576	1125	126
IN INVERTER 46	576	1325	126
IN INVERTER PLUS 11	576	525	126
IN INVERTER PLUS 21	576	725	126
IN INVERTER PLUS 33	576	925	126
IN INVERTER PLUS 40	576	1125	126
IN INVERTER PLUS 46	576	1325	126

IN INVERTER is Riello proposal of fancoils range for recessed installation, allowing to rationalize the space according to the criteria of modern interior architecture. The unit can be recessed in walls with limited depth, being just 12,6 cm deep.

The whole range is featured with DC Brushless Inverter motors. This technological solution allows a continuous variation from 0 to 100% of the air flow and consequently of the heating and cooling capacity.

IN INVERTER heats and cools very rapidly any room, with the possibility of choosing between two dedicated functions: PERFORMANCE for commercial needs, when high efficiency and high effectiveness are required, and COMFORT for residential needs, to ensure always the maximum low-noise operation.

Thanks to the DC Brushless motors, the IN INVERTER range allows to save up to 50% of electricity compared to the fancoils with traditional motors (ON/OFF type).

The range comes in 5 models, with (PLUS model) and without radiant effect, with cooling capacity from 830 W till 4560 W and heating capacity from 1090 W to 4860 W.

The wide range of accessories and control panels with a DISPLAY support a wide application range. All the versions can be installed vertically or horizontally, with connections on the left. The structure is made of zinc-coated sheet.

- Ultra low-noise operation
- Just 12,6 cm deep
- Wide range of accessories
- Filters easy to dismount and clean

TECHNICAL DATA

Power cooling 7°C-12°C Watt (1)	Power heating 50°C Watt (2)	Power heating 70°C-60°C Watt (3)	Power heating 70°C-60°C Watt (4)	Max air flow rate m³/h (5)	Sound pressure max-min irradiation dB(A) (6)	Code	Description
---------------------------------------	-----------------------------------	--	--	----------------------------------	---	------	-------------

TECHNICAL DATA WITH PERFORMANCE SETTING (FOR COMMERCIAL ROOMS)

FAN COIL FOR RECESSED INSTALLATION

1095	1415	2420	-	197	42,2-24,2	20069349	IN INVERTER 11
2120	2775	4670	-	389	43,1-25,3	20069370	IN INVERTER 21
3310	3905	6635	-	560	45,5-25,6	20069371	IN INVERTER 33
3875	4665	7855	-	699	45,9-26,3	20069372	IN INVERTER 40
4560	5705	9645	-	787	47,2-27,6	20069373	IN INVERTER 46

TECHNICAL DATA WITH COMFORT SETTING (FOR RESIDENTIAL ROOMS)

FAN COIL FOR RECESSED INSTALLATION

830	1090	1890	-	162	39,4-24,2	20069349	IN INVERTER 11
1760	2350	3990	-	320	40,2-25,3	20069370	IN INVERTER 21
2650	3190	5470	-	461	42,2-25,6	20069371	IN INVERTER 33
3340	4100	6980	-	576	42,5-26,3	20069372	IN INVERTER 40
3800	4860	8300	-	648	43,9-27,6	20069373	IN INVERTER 46

TECHNICAL DATA WITH PERFORMANCE SETTING (FOR COMMERCIAL ROOMS)

FAN COIL WITH RADIANT HEAT PLATE FOR RECESSED INSTALLATION

1095	1415	2420	-	197	42,2-24,2	20069374	IN INVERTER PLUS 11
2120	2775	4670	-	389	43,1-25,3	20069375	IN INVERTER PLUS 21
3310	3905	6635	-	560	45,5-25,6	20069376	IN INVERTER PLUS 33
3875	4665	7855	-	699	45,9-26,3	20069377	IN INVERTER PLUS 40
4560	5705	9645	-	787	47,2-27,6	20069378	IN INVERTER PLUS 46

TECHNICAL DATA WITH COMFORT SETTING (FOR RESIDENTIAL ROOMS)






FAN COIL WITH RADIANT HEAT PLATE FOR RECESSED INSTALLATION

830	1090	1890	540	162	39,4-24,2	20069374	IN INVERTER PLUS 11
1760	2350	3990	670	320	40,2-25,3	20069375	IN INVERTER PLUS 21
2650	3190	5470	780	461	42,2-25,6	20069376	IN INVERTER PLUS 33
3340	4100	6980	920	576	42,5-26,3	20069377	IN INVERTER PLUS 40
3800	4860	8300	1080	648	43,9-27,6	20069378	IN INVERTER PLUS 46




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 temperature 20°C; main fan in "off"
- (5) air flow rate measured with cleaned filters
- (6) according to UNI EN ISO 7779:2001

ACCESSORIES

	Description	Code	Notes
	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.	20116410	(1)
	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.	20116411	(1)(2)
	CDI 15: Electronic remoting board	20116412	(2)
	3-ways valve kit. The kit is composed by a valve with thermo-electric head and a holder valve. The first one allows to exclude automatically the panel fancoil from the system if combined with a control panel allowing the management. The holder valve allows to balance the head losses of the system. This kit is an alternative to the two-ways valve.	20101063	
	2-ways valve kit. The kit is composed by a valve with thermo-electric head and a holder valve. The first one allows to exclude automatically the panel fan coil from the system if combined with a control panel allowing the management; the second one allows to balance the head losses of the system. This kit is compulsory in the versions Plus, except for the case when we mount the 3-ways valve or when we have a collector with thermo-electric heads.	4013453	
	2-ways taps kit.	4013450	
	Spacers connection kit for valves group.	20069423	
	Cables kit for right-side connections for IN model (not for PLUS model). It is compulsory for the connections reversal.	20069415	

- (1) Both codes are necessary for the first fan coil
- (2) It must be installed 1 piece for every remoted fan coil

	Description	Code	SIZE				
			11	21	33	40	46
	90° air-inlet kit for recessed models IN Inverter (not for Plus models)	4013481	o				
		4013482		o			
		4013483			o		
		4013484				o	
		4013485					o
	Upper inlet kit for recessed models IN Inverter	4013486	o				
		4013487		o			
		4013488			o		
		4013489				o	
		4013490					o
	Suction kit for recessed models IN Inverter (not for Plus model)	4013491	o				
		4013492		o			
		4013493			o		
		4013494				o	
		4013495					o