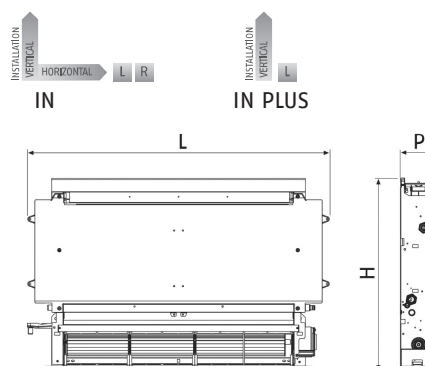


Fan coil for recessed installation

In Inverter In Inverter Plus



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

Description	H mm	L mm	P 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 the Riello proposal for fan coils for recessed installation, allowing you to rationalise the space according to the criteria of modern interior architecture. The unit can be recessed in walls that are relatively thin, thanks to the just 12.6 cm deep box.

The entire range comes with DC Brushless Inverter motors. This technological solution provides a continuous variation from 0 to 100% of the air flow rate and as a result the heating and cooling capacity.

IN INVERTER quickly heats and cools 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 maximum low-noise operation.

Thanks to the DC Brushless motors, the IN INVERTER range has an electrical consumption that is 50% lower than fan coils with traditional motors (ON/OFF type). The range comes in 5 models with (PLUS model) and without radiant effect, with a cooling capacity from 830 W up to 4560 W and a heating capacity from 1090 W up to 4860 W.

The vast range of accessories and controls with DISPLAY support a wide range of applications.

All IN INVERTER versions can be installed vertically or horizontally (using a specific accessory), with standard connections on the left (on the right with the relative accessory).

The IN INVERTER PLUS versions can be installed vertically with connections on the left.

The structure is made of zinc-coated sheet metal.

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

TECHNICAL DATA

Description	Power cooling 7°C-12°C (1) W		Power heating 50°C (2) W		Maximum air flow rate (4) m³/h		Sound pressure irradiation max-min (5) dB(A)		Notes	Code
	Performance	Comfort	Performance	Comfort	Performance	Comfort	Performance	Comfort		
FAN COIL FOR RECESSED INSTALLATION										
IN INVERTER 11	1095	830	1515	1090	197	162	42,2÷24,2	39,4÷24,2		20069349
IN INVERTER 21	2120	1760	2885	2350	389	320	43,1÷25,3	40,2÷25,3		20069370
IN INVERTER 33	3310	2650	4140	3190	560	461	45,5÷25,6	42,2÷25,6		20069371
IN INVERTER 40	3875	3340	5015	4100	699	576	45,9÷26,3	42,5÷26,3		20069372
IN INVERTER 46	4560	3800	5910	4860	787	648	47,2÷27,6	43,9÷27,6		20069373
FAN COIL WITH RADIANT HEAT PLATE FOR RECESSED INSTALLATION										
IN INVERTER PLUS 11	1095	830	1515	1090	197	162	42,2÷24,2	39,4÷24,2	(D)	20069374
IN INVERTER PLUS 21	2120	1760	2885	2350	389	320	43,1÷25,3	40,2÷25,3	(D)	20069375
IN INVERTER PLUS 33	3310	2650	4140	3190	560	461	45,5÷25,6	42,2÷25,6	(D)	20069376
IN INVERTER PLUS 40	3875	3340	5015	4100	699	576	45,9÷26,3	42,5÷26,3	(D)	20069377
IN INVERTER PLUS 46	4560	3800	5910	4860	787	648	47,2÷27,6	43,9÷27,6	(D)	20069378

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
- (D) Availability of the material at our warehouse: 25 working days from the order validation date.

NOTE: the performance setting is recommended for commercial spaces, while the comfort setting is recommended for residential spaces.



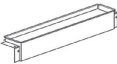
ACCESSORIES

Drawing	Description	Notes	Code
	Control panel wall mounted TOP (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 for control panel wall mounted TOP.	(1)	20181383
	Electronic board for wall mounted control panel TOP (SLAVE). Electronic remoting board with continuous modulation for remote connection with the wall mounted control panel TOP. It is possible to connect max 30 electronic board with one wall mounted control panel TOP.	(1)(2)	20181395
	Control panel for recessed installation.	(1)	20147241
	Remote control interface. Electronic remoting board for 3-speed thermostat.	(1)(2)	20116481
	Remote control interface 0-10V. Electronic remoting board with input 0-10V.		20116413
	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

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

Drawing	Description	Notes	Code
	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
	Cables kit for right-side connections for IN model (not for PLUS model). It is compulsory for the connections reversal.		20069415

MATCHING ACCESSORIES

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

(D) Availability of the material at our warehouse: 25 working days from the order validation date.