



Plate Heat Recovery Units (Only recovery and heating)

Serie SRC



Plate heat recovery units "SRC series", are especially indicated for places where requested a continuous substitution of stuffy air as pubs, gymnasiums, cloak-rooms, offices etc..

Plate heat recovery units, "SRC series", permit the air change in a room with a heat recovery from exhaust air to supply air, using an aluminium static cross flow heat exchanger.

Heat recovery unit SRC series are in fact equipped with a cross flow aluminum heat recuperator through which the expelled air transfers part of its heat to the fresh air before it is introduced into the environment.

In all models the box containing structure is made of aluminum profiles and galvanized steel panel, thermally insulated with polyurethane adhesive, sp. 20mm.

Units from size 14 to 30 can be equipped with sandwich panels of galvanized sheet metal, thermally insulated with polyurethane foam, sp.23mm.

Units "SRC series" have forward curved double inlet fans, electric motor directly coupled to the single-phase fan.

SRC units can be produced in the ceiling version, to floor or wall installation.

The air flow unit model SRC ranging from 250 to 3.200 m³ / h.

Standard configuration :

- Polyester panel filter with large surface area before exhaust heat exchanger side;
- Exhaust Fan;
- Polyester panel filter with large surface area before supply heat exchanger side;
- Supply Fan;
- Static cross flow heat exchanger with galvanized drain pain;
- Empty section arranged for water/electric heating coil.

Accessories :

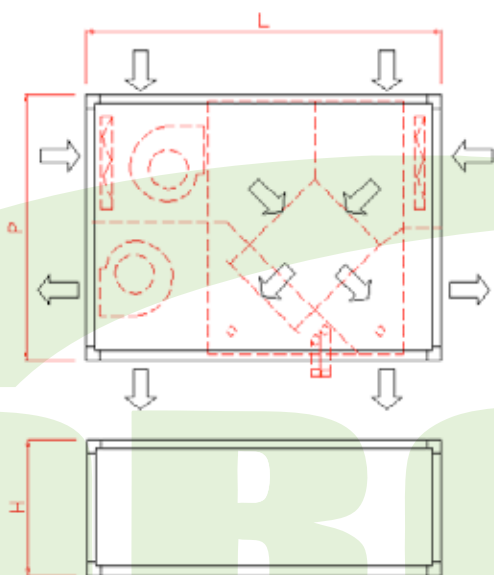
- 3/4/6 rows water coil
- Electric coil including safety thermostat and terminal box
- On-off or control volume airflow dampers
- Recirculating airflow damper (with increase of unit lenght)
- Free-cooling airflow damper
- Three speeds single phase electric motors for model 10/20/30/40/50
- Two speeds three phases electric motor for models 70 and 100
- Roof and aluminium feet for external applications



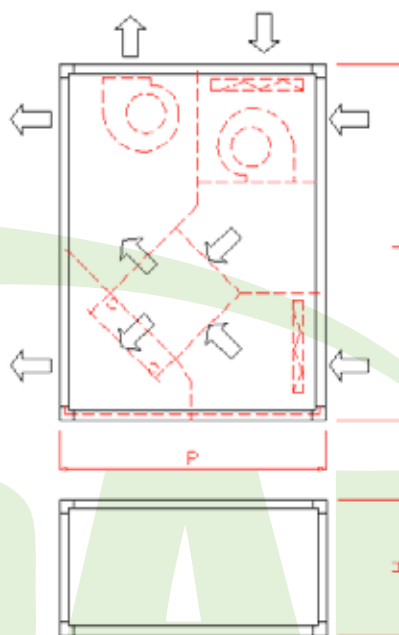
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HORIZONTAL VERSION



VERTICAL VERSION



DIMENSIONAL FEATURES

Model	Dimension (mm)			Weight (Kg)	
	L	P	H	Base	3RR
SRC 03	1040	850	290	45	4
SRC 06	1160	1000	290	53	6
SRC 10	1290	1000	390	63	7
SRC 14	1400	1000	460	69	10
SRC 19	1540	1000	500	76	13
SRC 25	1790	1290	500	91	13
SRC 30	1790	1290	560	102	15

DATI TECNICI

		SRC 03	SRC 06	SRC 10	SRC 14	SRC 19	SRC 25	SRC 30
Nominal air flow	mc/h	260	600	1000	1400	1900	2500	3200
External static pressure *	Pa	170	100	50	180	150	120	100
Motor power installed	kW	0.37	0.37	0.3	0.75	0.75	1.10	1.10
Poli	P	EC motor	EC motor	4	4	4	4	4
Tension / Phases	V	230/1	230/1	230/1	230/1	230/1	230/1	230/1
Full load current	A	2.8	2.8	2.6	7.2	7.2	8.8	9.0
Heat exchanger efficiency	%	66.0	58.0	57.5	57.2	53.2	57.1	57.0
Heat recovered power**	kW	1.44	2.91	4.81	6.71	8.51	11.9	15.3
Heating capacity ***	3 RR	3.19	7.10	10.94	15.88	22.33	26.24	33.95
Sound Level at 1 mt****	dB(A)	43	50	50	54	55	52	56

* Does not include the loss of load of the batteries

** Ratings : nominal air flow; in let air 28°C 60% UR; water 7/12°C

*** Ratings : nominal air flow; in let air 6°C ; water 70/60°C .

**** With ducted outlets.

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