

## Recuperators



**XRC**

Heat recuperator  
with air-air crossed  
flow

**p. C 3**

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# MP3

advanced air diffusion

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Version 09/00

# MP3



**Overview**

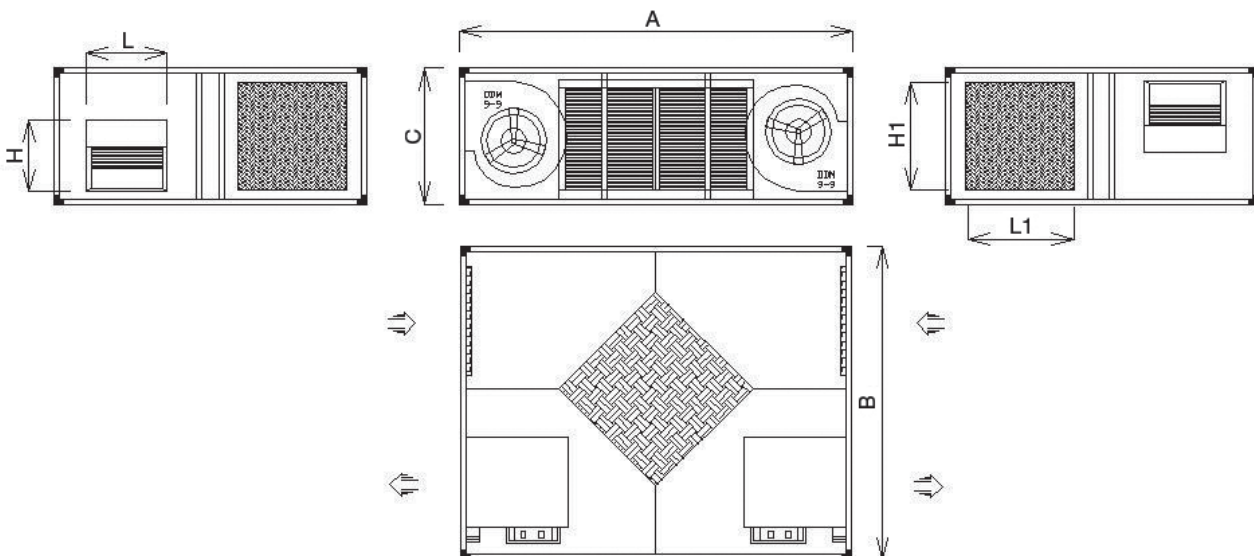
The XRC Sries of heat recuperators are fitted with a highly efficient air-air heat exchanger that makes it possible to recuperate a significant amount of the heat that can be felt in extracted air. It is therefore suitable for all types of ventilating systems for shops, offices, catering premises, bars and restaurants.

**Technical data**

- Aluminium section structure, with panels internally covered by galvanized steel sheet and externally by galvanized pre-painted steel sheet. Side panels are fully removable.
- Panels insulated with glass wool (density > 90 kg/m<sup>3</sup>) at an average thickness of 16 mm for both acoustic and heat insulation.
- High efficiency, static with aluminium plate, crossed flow heat exchanger.
- Waved class G4 filtering cells in polyester fiber.
- Double inlet, centrifugal, intake and delivery fans that can be removed from either side of the unit.
- One and three-speed direct drive electrical motor.
- Terminal board onto the edge of the machine for the electrical connections and fans control.
- Stainless steel sheeting condensate collection tank with condense dumping.

**Dimensions**

Model	A [mm]	B [mm]	C [mm]	L [mm]	H [mm]	L1 [mm]	H1 [mm]	Weight [Kg]
XRC 03	1000	800	320	210	125	200	150	41
XRC 06	1000	1000	320	210	125	300	200	43
XRC 10	1250	1150	400	232	200	400	300	70
XRC 15	1250	1150	400	232	200	400	300	93
XRC 20	1450	1150	500	298	262	400	400	101
XRC 25	1700	1250	500	298	262	500	400	142
XRC 30	1700	1250	550	331	289	500	400	157
XRC 40	1900	1350	670	309	341	500	500	180
XRC 50	1900	1600	670	395	341	625	500	210
XRC 60	1900	1600	670	395	341	625	500	230

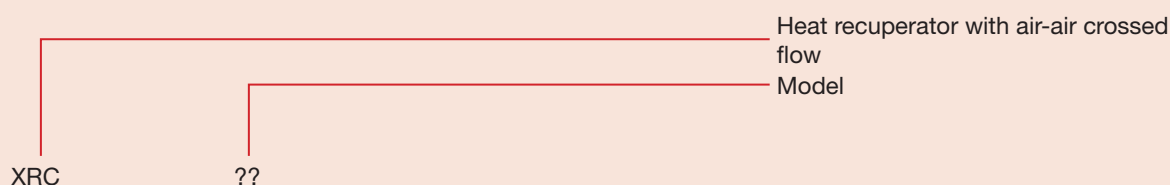


### Quick selection

Model	Nominal Air flow-rate [m <sup>3</sup> /h]	Static pressure (*) [Pa]	Acoustic pressure level [dB(A)]	Recuperation efficiency[%]	Thermal power recovered [kW]	Air outlet temperature [°C]
XRC 03	250	50	53	50,0	1,50	8,40
XRC 06	500	80	51	53,0	2,40	8,20
XRC 10	1000	100	53	54,0	4,80	8,10
XRC 15	1500	150	60	52,0	7,00	8,00
XRC 20	1900	200	59	52,0	9,50	8,00
XRC 25	2500	190	56	52,0	12,00	7,90
XRC 30	3200	170	59	52,0	15,00	7,80
XRC 40	4000	120	69	50,0	18,00	7,60
XRC 50	5000	110	68	50,0	23,00	7,50
XRC 60	6000	290-90	72-71	50,0	27,00	7,30

(\*) Performance determined at nominal flow -rate, with expelled air at 20 °C and renewal air at -5 °C.

### How to order



#### Accessories

FO 48	Spare filters
XRC-RVM	Speed regulators
XRC-CDP	Inverter
XRC-RVC	Speed commutators
XRC-QC	Regulation system
XRC-BPS	Water heating batteries
XRC-BPE	Electric heating batteries
XRC-BPF	Water cooling batteries

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**ACCESSORIES**

Model	Spare filters	Speed regulators	3 Speed commutators	Water heating batteries	Electric heating batteries	Water cooling batteries
XRC-03	FO48 200x150	-	-	-	XRC-BPE 03	-
XRC-03-3V	FO48 200x150	-	XRC-RVC4P	-	XRC-BPE 03	-
XRC-06	FO48 300x200	-	-	-	XRC-BPE 06	-
XRC-06-3V	FO48 300x200	-	XRC-RVC4P	-	XRC-BPE 06	-
XRC-10	FO48 400x300	XRC-RVM03A	-	XRC-BPS 10	XRC-BPE 10	XRC-BPF 10
XRC-10-3V	FO48 400x300	-	XRC-RVC4P	XRC-BPS 10	XRC-BPE 10	XRC-BPF 10
XRC-15	FO48 400x300	XRC-RVM03A	-	XRC-BPS 15	XRC-BPE 15	XRC-BPF 15
XRC-15-3V	FO48 400x300	-	XRC-RVC4P	XRC-BPS 15	XRC-BPE 15	XRC-BPF 15
XRC-20	FO48 400x400	XRC-RVM05A	-	XRC-BPS 20	XRC-BPE 20	XRC-BPF 20
XRC-20-3V	FO48 400x400	-	XRC-RVC4P	XRC-BPS 20	XRC-BPE 20	XRC-BPF 20
XRC-25	FO48 500x400	XRC-RVM05A	-	XRC-BPS 25	XRC-BPE 25	XRC-BPF 25
XRC-25-3V	FO48 500x400	-	XRC-RVC4P	XRC-BPS 25	XRC-BPE 25	XRC-BPF 25
XRC-30	FO48 500x400	XRC-RVM05A	-	XRC-BPS 30	XRC-BPE 30	XRC-BPF 30
XRC-30-3V	FO48 500x400	-	XRC-RVC4P	XRC-BPS 30	XRC-BPE 30	XRC-BPF 30
XRC-40	FO48 500x500	XRC-RVM20A	-	XRC-BPS 40	XRC-BPE 40	XRC-BPF 40
XRC-40-3V	FO48 500x500	-	XRC-RVC4P	XRC-BPS 40	XRC-BPE 40	XRC-BPF 40
XRC-50	FO48 625x500	XRC-RVM20A	-	XRC-BPS 50	XRC-BPE 50	XRC-BPF 50
XRC-50-3V	FO48 625x500	-	XRC-RVC4P	XRC-BPS 50	XRC-BPE 50	XRC-BPF 50
XRC-60	FO48 625x500	XRC-CDP380	-	XRC-BPS 60	XRC-BPE 60	XRC-BPF 60

**Regulation systems**

Model	Description
XRC-QC0	XRC 03-30 COMPACT basic model from 1 up to 3 speed
XRC-QC1	XRC 40-50 COMPACT model from 1 speed with absorption superior to 10A
XRC-QC2	XRC 60 COMPACT model for 2 motors at 2 speeds with maximum power 4 kW
XRC-QCAV06	XRC 03-10 model added variable speed up to a max electrical input of 6A
XRC-QCAV10	XRC 15-30 model added variable speed up to a max electrical input of 10A
XRC-QCAV20	XRC 40-50 model added variable speed up to a max electrical input of 20A
XRC-QCAVIN	XRC 60 Inverter added variable speed
XRC-QCAB230	Added electric battery control at 230V with RSS max 5 kW
XRC-QCAB400	Added electric battery control at 400V with RSS max 12 kW
XRC-QCABACS	Added water battery control + antifreeze security system
XRC-QCAPCF	Added Free Cooling predisposition

**Regulation systems accessories**

Model	Description
XRC-QCTI	Infrared remote control
XRC-QCSE	External remote control containment box
XRC-QCSI	Build-in remote control containment box
XRC-QCPT	Obstruction filters, doubled pressure states with pressure connection plug and little pipes
XRC-QCLS	Serigraphed couple of light NO SMOKING/ SMOKING AREA





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