



VENTILATION FOR ELECTRICAL CABINETS AND THERMAL MANAGEMENT

RC S





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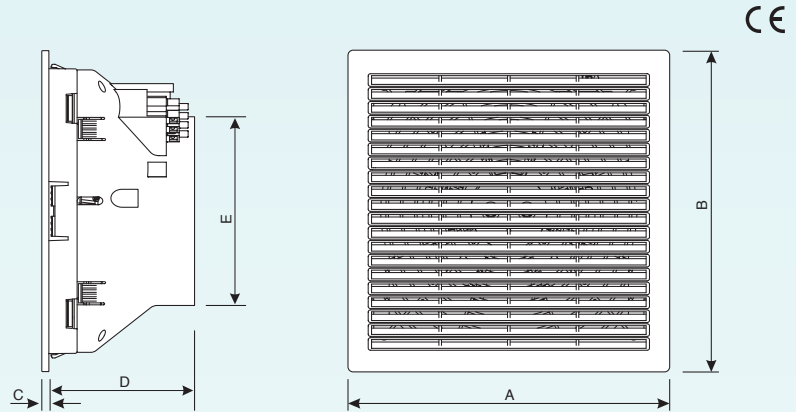
RC S

Functional design and "slim" grille are the main features of the new product range which have been manufactured to meet all markets requirements ensuring good performance, silent running and fast/easy installation.

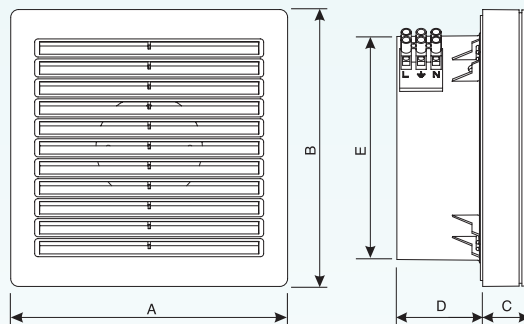
Main features

- Axial fans for heat dissipation in enclosures supplied with filter of two different protection grades (IP 44, IP 54), according to the cabinet specifications.
- Tests of IP protection performed on the product installed and working, using the kit filter + grille G S correspondent.
- Tests performed in accordance with European Standards EN 60529, EN 60335-2-80.
- The actual guarantee of the IP54 protection grade is certified by reliable laboratories and available upon request.
- Quick and functional assembly of the fan on the electrical cabinet through elastic click hooks and gasket pre-installed on the product.
- Operating temperature: -20°C $+50^{\circ}\text{C}$.
- Electrical connection through terminal board.
- Motor with ball bearing to assure long life of the fan assembly.
- Motor made in ABS self extinguishing material, conforming to Standards UL-94 VO grey colour RAL 7032.
- Recyclable materials.
- Easily removable grille to allow quick replacement of the filter.
- Slotted external grilles allow drainage of condensation.
- Fans in accordance with Standards CEI 17-13/1 (IEC 439-1), EN 60335-2-80.

Dimensions



Model	A	B	C	D	ø E	Kg
RC 12.15 S	148	148	4,5	67	120	0,6
RC 14.25 S	250	250	5,5	113	147	1,1
RC 20.32 S	318,5	318,5	5,5	160	204	3



Model	A	B	C	D	ø E	Kg
RC 12.15 S + D 15 S	148	148	25,5	46	120	0,7

The performances have been attested by IMQ laboratories.

Technical Data

Model	RC 12.15 S IP 44	RC 12.15 S IP 54	RC 14.25 S IP 44	RC 14.25 S IP 54	RC 20.32 S IP 44	RC 20.32 S IP 54
Ref./Cod. 110-120 V	OW 909 4	OW 933 4	OW 914 4	OW 935 9	OW 911 0	OW 934 2
Ref./Cod. 220-240 V	OW 921 9	OW 996 1	OW 923 5	OW 998 7	OW 922 7	OW 997 9
Hz	50/60	50/60	50/60	50/60	50/60	50/60
W	20	20	30	30	35	35
Nom. curr. in Amp.	0,2/0,1	0,2/0,1	0,4/0,2	0,4/0,2	0,3/0,15	0,3/0,15
dB (A) at 2 m	42	42	50	50	63	63
Flow rate m ³ /h	55	50	150	130	450	400
Flow rate m ³ /h (w/out filter)	100		250		520	



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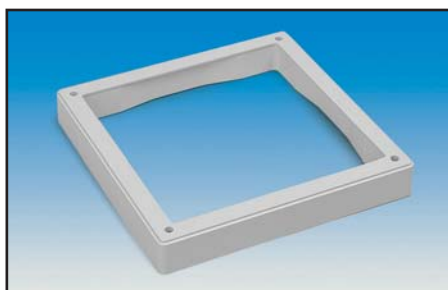
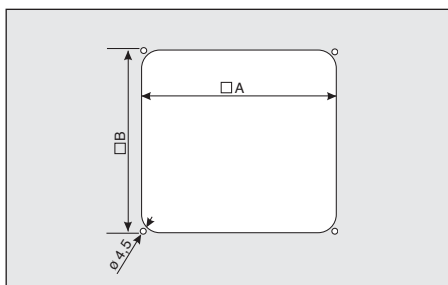
FILTERS & GRILLES RC S

Model	RC 12.15 S + G 15 S IP 44	RC 12.15 S + G 15 S IP 54	RC 14.25 S + G 25 S IP 44	RC 14.25 S + G 25 S IP 54	RC 20.32 S + G 32 S IP 44	RC 20.32 S + G 32 S IP 54
Flow rate m ³ /h	56	27	124	96	311	179



Filters for Grilles and Fan Assembly

Spare filters are sold in multiple packages.



External exhaust grilles G S

External exhaust grilles complete with filter to maintain the protection grade (IP 44, IP54) according to the correspondent fans models RC S.

Completely made in self extinguishing material V0 conforming to UL94 with resistance to temperature from -20°C a +50°C.

Model	Ref.	For Products
G 15 S IP 44	OW 897 1	RC 12.15 S IP 44
G 15 S IP 54	OW 926 8	RC 12.15 S IP 54
G 25 S IP 44	OW 908 6	RC 14.25 S IP 44
G 25 S IP 54	OW 928 4	RC 14.25 S IP 54
G 32 S IP 44	OW 898 9	RC 20.32 S IP 44
G 32 S IP 54	OW 927 6	RC 20.32 S IP 54

Model	Ref.	For Products
F 15 S IP 44	OW 885 6	RC 12.15 S IP 44 e G 15 S IP 44
F 15 S IP 54	OW 882 3	RC 12.15 S IP 54 e G 15 S IP 54
F 25 S IP 44	OW 887 2	RC 14.25 S IP 44 e G 25 S IP 44
F 25 S IP 54	OW 884 9	RC 14.25 S IP 54 e G 25 S IP 54
F 32 S IP 44	OW 886 4	RC 20.32 S IP 44 e G 32 S IP 44
F 32 S IP 54	OW 883 1	RC 20.32 S IP 54 e G 32 S IP 54

Drilling scheme for Grilles and Fan Assembly

Model	A	B
RC 12.15 S	125 x 125	131 x 131
RC 14.25 S	223 x 223	230 ÷ 234 x 230 ÷ 234
RC 20.32 S	291 x 291	302 x 302

Thermostat

Automatically controls the ventilation inside the cabinet.

Model	Ref.	For Products
TMS	OW 970 6	RC - RC S - SYSTEMA

Spacer

Accessory suitable just for model RC 12.15 S which allows movement of the fan assembly towards the outside reducing the internal sizes of the fan to better satisfy any installation requirements.

Made in self extinguishing material V0 conforming to UL94, the spacer is click fixed on the support while the fan assembly is fixed on the cabinet through the screws provided.

Model	Ref.	For Products
D 15 S	OW 929 2	RC 12.15 S