

VBR 70-40-3 Water heating batt

Item Number: [5476](#)

Water-heating battery

Water-heating battery for heating air in ventilation systems with rectangular ducts. Hot-zinc-coated casing, heat transmission element with copper tubes and aluminium fins. In cold conditions, a frost protection device with sensor should be fitted to reduce the risk of damage from freezing. The water-heating battery can be installed in a horizontal or vertical duct with an optional direction.



Technical parameters

Nominal data

Maximum operating temperature	150 °C
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Dimensions and weights

Rectangular, height, inlet	400 x 700	mm
Rectangular, width, inlet	400 x 700	mm
Rectangular, height, outlet	400 x 700	mm
Rectangular, width, outlet	400 x 700	mm
Weight	12.6	kg

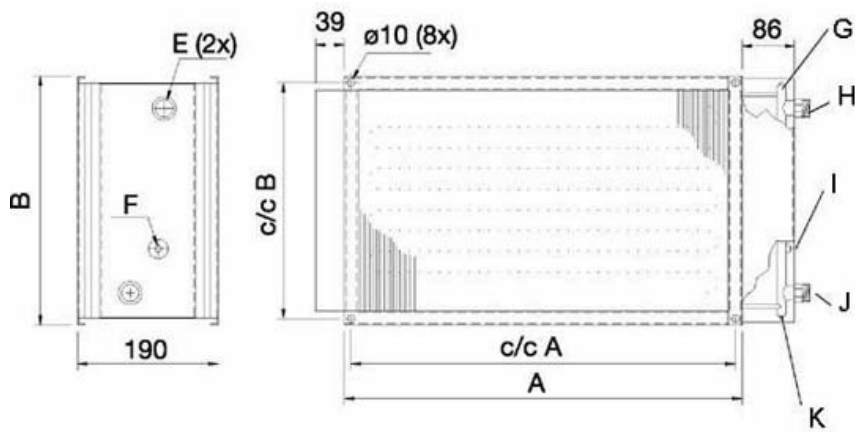
Others

Duct cooler/heater	Heater coil, water
Maximum operating pressure at water temperature 100 °C	1,600,000 Pa
Maximum operating pressure at water temperature 150 °C	1,000,000 Pa
Duct connection type	Rectangular

Performances

Air					Water		
VBR	Water temp. (in/out)	Flow (m3/h)	Pressure drop (Pa)	ΔT	Capacity (kW)	Flow (l/s)	Pressure drop (kPa)

Dimension



F= Thread G 1/4

G= Airing

H= Water out

I= Connection for immersion sensor

J= Water in

K= Draining

	A	c/c A	B	c/c B	E	
VBR 40-20-2	438	420	238	220	R 3/4"	5.5 kg
VBR 50-25-2	538	520	288	270	R 3/4"	7 kg
VBR 50-30-2	538	520	338	320	R 3/4"	8 kg
VBR 60-30-2	638	620	338	320	R 3/4"	9 kg
VBR 60-35-2	638	620	388	370	R 3/4"	10 kg
VBR 70-40-2	738	720	438	420	R 1"	12.5 kg
VBR 80-50-2	838	820	538	520	R 1"	16 kg
VBR 100-50-2	1038	1020	538	520	R 1"	18.5 kg

	A	c/c A	B	c/c B	E	
VBR 40-20-4	438	420	238	220	R 3/4"	7 kg
VBR 50-25-4	538	520	288	270	R 3/4"	9 kg
VBR 50-30-4	538	520	338	320	R 1"	10.5 kg
VBR 60-30-4	638	620	338	320	R 1"	11.5 kg
VBR 60-35-4	638	620	388	370	R 1"	13 kg

	A	c/c A	B	c/c B	E	
VBR 70-40-3	738	720	438	420	R 1"	15.5 kg
VBR 80-50-3	838	820	538	520	R 1"	19 kg
VBR 100-50-3	1038	1020	538	520	R 1"	22.5 kg

Accessories

- AQUA 24TF Heat Regulator (5136)
- Optigo OP 10-230 (7283)
- RVAZ4 24A Actuator 0-10V (9862)
- TG-A130 Surface sensor 0-30°C (5159)
- TG-K330 Duct Sensor 0-30°C (5160)
- ZTV 20-6,0 2-way valve (9827)
- Optigo OP 10 (7282)
- Optigo OP 5 (13891)
- RVAZ4-24 Actuator 3points (9798)
- TG-D1/PT1000 Immersion sensor (6773)
- ZTR 20-6,0 valve 3-way (9679)

Documents

- Conformity_decl. PGK_VBR(PGV)_VBC(CWW)_CWK.pdf