

VBR 70-40-2 WATER HEATING BATT

Item no. 5468

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Description

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

| | | |
|---|-----------------|----|
| Max. operating temperature | 150 | °C |
| Max. operating pressure, at water temp. 100°C | 1600000 (16bar) | Pa |
| Max. operating pressure, at water temp. 150°C | 1000000 (10bar) | Pa |

Accessories

Electric accessories

- [AQUA 24TF Heat Regulator \(5136\)](#)
- [TG-A130 Surface sensor 0-30°C \(5159\)](#)
- [TG-K330 Duct Sensor 0-30°C \(5160\)](#)
- [TG-D1/PT1000 Immersion sensor \(6773\)](#)
- [RVAZ4-24 Actuator 3points \(9798\)](#)
- [RVAZ4 24A Actuator 0-10V \(9862\)](#)

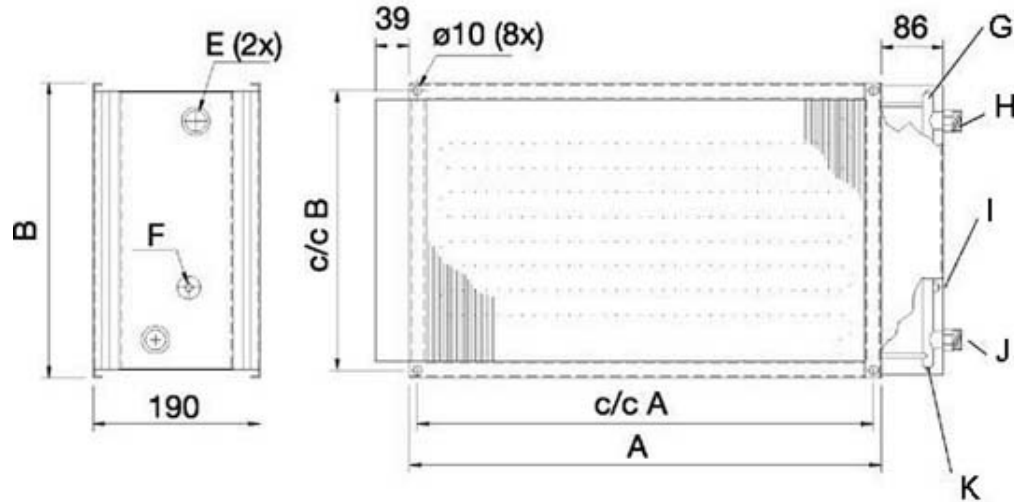
Accessories

- [ZTV 20-6,0 2-way valve \(9827\)](#)
- [ZTR 20-6,0 valve 3-way \(9679\)](#)

Dimensions

VBR XX-XX-2 = Two pipe rows
 VBR XX-XX-4 = Four pipe rows
 VBR XX-XX-3 = Three pipe rows

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 |

Documentation

 VBR_172010.PDF (503,91kB)

 Conformity_decl. PGK_VBR(PGV)_VBC(CWW)_CWK.pdf (17,06kB)

Coil calculation