

# VBR 80-50-3 WATER HEATING BATT

Item no. 5477

Document type: **Product card**  
 Document date: **2019-05-15**  
 Generated by: **Systemair Online Catalogue**

## 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 \(9862\)](#)

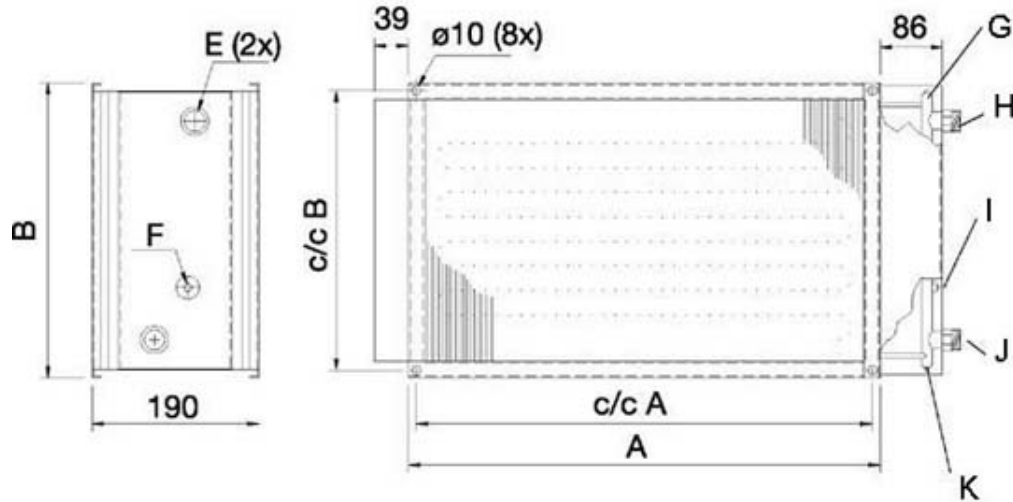
### Accessories

- [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)

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## Coil calculation