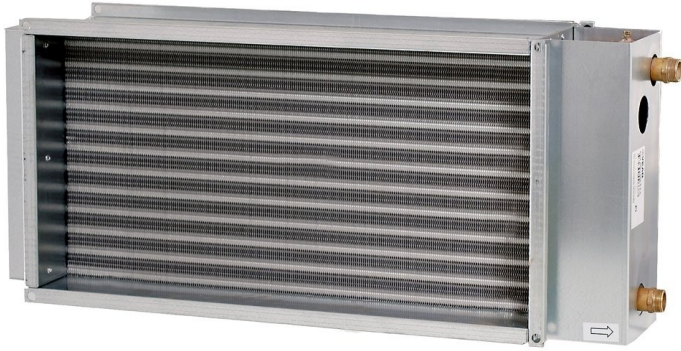


# VBR 70-40-3 Vattenbatteri

Artikelnummer: [5476](#)

Variant : Standardvärde



## Beskrivning

Vattenbatteri för uppvärmning av luft i ventilationsanläggningar med rektangulära kanaler. Hölje av varmgalvaniserad stålplåt, vattenbatteri med kopparrör och aluminiumlameller. Under kalla förhållanden ska ett frostskydd med dykgivare installeras för att minska risken för sönderfrysning. Vattenbatteriet kan monteras i horisontell eller i vertikal kanal med valfri luftriktning.

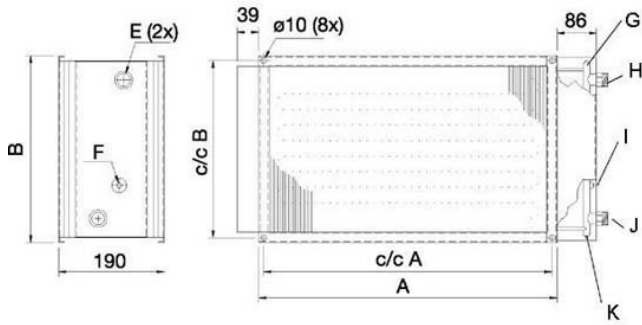
## Tekniska parametrar

| Nominella data                        |                      |
|---------------------------------------|----------------------|
| Max. drifttemperatur                  | 150 °C               |
| Dimensioner och vikt                  |                      |
| Kanaldimension, inlopp (höjd x bredd) | 400 x 700 mm         |
| Kanaldimension, utlopp (höjd x bredd) | 400 x 700 mm         |
| Vikt                                  | 12,6 kg              |
| Andra                                 |                      |
| Kanalbatteri kyla/värme               | Värmebatteri, vatten |
| Max. driftryck, vid vattentemp. 100°C | 1 600 000 Pa         |
| Max. driftryck, vid vattentemp. 100°C | 1 000 000 Pa         |
| Typ kanalanslutning                   | Rektangulär          |

## Prestanda

| V<br>B<br>R | Water<br>temp.<br>(in/out) | Air                             |                       |               | Capaci<br>ty (kW) | Wa<br>ter         |                        |
|-------------|----------------------------|---------------------------------|-----------------------|---------------|-------------------|-------------------|------------------------|
|             |                            | Flow<br>(m <sup>3</sup> /h<br>) | Pressure<br>drop (Pa) | $\Delta$<br>T |                   | Flo<br>w<br>(l/s) | Pressure<br>drop (kPa) |

# Dimensioner



- F= Gänga G 1/4
- G= Luftning
- H= Vatten ut
- I= Uttag för dykgivare
- J= Vatten in
- K= Dränering

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

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

|              | A    | c/c A | B   | c/c B | E        |
|--------------|------|-------|-----|-------|----------|
| VBR 70-40-3  | 738  | 720   | 438 | 420   | R 1"     |
| VBR 80-50-3  | 838  | 820   | 538 | 520   | R 1"     |
| VBR 100-50-3 | 1038 | 1020  | 538 | 520   | R 1"     |
| VBR 120-60-3 | 1238 | 1220  | 638 | 620   | R 1 1/4" |

|          |         |      |     |      |      |      |     |
|----------|---------|------|-----|------|------|------|-----|
| 40-20-2  | 60/40°C | 400  | 9   | 18.5 | 2.7  | 0.03 | 0.5 |
|          |         | 1000 | 48  | 12.7 | 4.6  | 0.06 | 1   |
| 40-20-4  |         | 400  | 18  | 29.5 | 4.3  | 0.05 | 0.5 |
|          |         | 1000 | 96  | 19.5 | 7.1  | 0.09 | 0.5 |
| 40-20-2  | 80/60°C | 400  | 9   | 32.8 | 4.7  | 0.06 | 1   |
|          |         | 1000 | 48  | 24.5 | 8.9  | 0.11 | 2   |
| 40-20-4  |         | 400  | 18  | 46.3 | 6.7  | 0.08 | 0.5 |
|          |         | 1000 | 96  | 38.9 | 14.0 | 0.17 | 1   |
| 50-25-2  | 60/40°C | 600  | 8   | 21.7 | 4.7  | 0.06 | 1   |
|          |         | 1200 | 29  | 18.2 | 7.9  | 0.10 | 2   |
| 50-25-4  |         | 600  | 16  | 33.1 | 7.2  | 0.09 | 0.5 |
|          |         | 1200 | 59  | 28.4 | 12.3 | 0.15 | 1   |
| 50-25-2  | 80/60°C | 600  | 8   | 36.5 | 7.9  | 0.10 | 2   |
|          |         | 1200 | 29  | 28.6 | 12.4 | 0.15 | 4   |
| 50-25-4  |         | 600  | 16  | 54.5 | 11.8 | 0.14 | 1   |
|          |         | 1200 | 59  | 45.9 | 19.9 | 0.24 | 3   |
| 50-30-2  | 60/40°C | 800  | 10  | 18.2 | 5.3  | 0.06 | 0.5 |
|          |         | 2000 | 54  | 13.5 | 9.8  | 0.12 | 1   |
| 50-30-4  |         | 800  | 20  | 32.5 | 9.4  | 0.11 | 1   |
|          |         | 2000 | 109 | 27.2 | 19.7 | 0.24 | 2   |
| 50-30-2  | 80/60°C | 800  | 10  | 33.6 | 9.7  | 0.12 | 1   |
|          |         | 2000 | 54  | 24.3 | 17.5 | 0.21 | 2   |
| 50-30-4  |         | 800  | 20  | 53.8 | 15.5 | 0.19 | 1   |
|          |         | 2000 | 109 | 41.7 | 30.1 | 0.37 | 4   |
| 60-30-2  | 60/40°C | 1000 | 11  | 19.2 | 6.9  | 0.08 | 1   |
|          |         | 2500 | 58  | 15.4 | 13.9 | 0.17 | 2   |
| 60-30-4  |         | 1000 | 22  | 34.1 | 12.3 | 0.15 | 1   |
|          |         | 2500 | 117 | 28.2 | 25.5 | 0.31 | 4   |
| 60-30-2  | 80/60°C | 1000 | 11  | 34.3 | 12.4 | 0.15 | 1   |
|          |         | 2500 | 58  | 24.4 | 22.1 | 0.27 | 4   |
| 60-30-4  |         | 1000 | 22  | 53.9 | 19.5 | 0.24 | 2   |
|          |         | 2500 | 117 | 41.8 | 37.8 | 0.46 | 7   |
| 60-35-2  | 60/40°C | 1200 | 11  | 18.7 | 8.1  | 0.10 | 0.5 |
|          |         | 3000 | 61  | 15.0 | 16.3 | 0.20 | 2   |
| 60-35-4  |         | 1200 | 23  | 34.2 | 14.8 | 0.18 | 1   |
|          |         | 3000 | 123 | 28.1 | 30.4 | 0.37 | 4   |
| 60-35-2  | 80/60°C | 1200 | 11  | 33.9 | 14.7 | 0.18 | 1   |
|          |         | 3000 | 61  | 24.1 | 26.1 | 0.32 | 3   |
| 60-35-4  |         | 1200 | 23  | 53.6 | 23.2 | 0.28 | 3   |
|          |         | 3000 | 123 | 41.5 | 45.0 | 0.55 | 8   |
| 70-40-2  | 60/40°C | 2000 | 31  | 20.1 | 14.5 | 0.18 | 1   |
|          |         | 4000 | 94  | 16.0 | 23.2 | 0.28 | 1   |
| 70-40-3  |         | 2000 | 46  | 24.7 | 17.8 | 0.22 | 0.5 |
|          |         | 4000 | 139 | 21.1 | 30.5 | 0.37 | 1   |
| 70-40-2  | 80/60°C | 2000 | 31  | 34.7 | 25.1 | 0.31 | 1   |
|          |         | 4000 | 94  | 25.1 | 36.3 | 0.44 | 3   |
| 70-40-3  |         | 2000 | 46  | 45.4 | 32.8 | 0.40 | 1   |
|          |         | 4000 | 139 | 34.4 | 49.7 | 0.61 | 2   |
| 80-50-2  | 60/40°C | 2500 | 25  | 21.1 | 19.0 | 0.23 | 0.5 |
|          |         | 5000 | 77  | 17.2 | 31.1 | 0.38 | 1   |
| 80-50-3  |         | 2500 | 37  | 28.0 | 25.3 | 0.31 | 0.5 |
|          |         | 5000 | 113 | 24.0 | 43.4 | 0.52 | 1   |
| 80-50-2  | 80/60°C | 2500 | 25  | 36.8 | 33.3 | 0.41 | 1   |
|          |         | 5000 | 77  | 26.9 | 48.6 | 0.59 | 2   |
| 80-50-3  |         | 2500 | 37  | 48.4 | 43.7 | 0.53 | 1   |
|          |         | 5000 | 113 | 37.1 | 67.0 | 0.82 | 2   |
| 100-50-2 | 60/40°C | 3000 | 23  | 24.8 | 26.9 | 0.32 | 1   |
|          |         | 6000 | 72  | 18.4 | 40.0 | 0.48 | 2   |
| 100-50-3 |         | 3000 | 35  | 32.3 | 35.0 | 0.42 | 1   |
|          |         | 6000 | 106 | 25.6 | 55.4 | 0.67 | 2   |
| 100-50-2 | 80/60°C | 3000 | 23  | 38.4 | 41.6 | 0.51 | 2   |
|          |         | 6000 | 72  | 28.2 | 61.1 | 0.75 | 4   |
| 100-50-3 |         | 3000 | 35  | 50.1 | 54.3 | 0.66 | 2   |
|          |         | 6000 | 106 | 38.7 | 83.8 | 1.02 | 4   |

# Tillbehör

- [AQUA24TF Rumsregulator \(5136\)](#)
- [TG-A130 Anligningsgivare \(5159\)](#)
- [Optigo OP 10-230 \(7283\)](#)
- [RVAZ4 24A Ställdon 0-10V \(9862\)](#)
- [TG-D1/PT1000 Dykgivare L=135 \(6773\)](#)
- [ZTV 20-6,0 2-vägs ventil \(9827\)](#)

- [Optigo OP 10 \(7282\)](#)
- [TG-K330 Kanalgivare 0-30°C \(5160\)](#)
- [Optigo OP 5 \(13891\)](#)
- [RVAZ4-24 Ställdon 3-punkts. \(9798\)](#)
- [ZTR 20-6,0 3-vägs ventil \(9679\)](#)

# Dokument

[VBR IMO\\_172010.PDF](#)

[Bvd Vattenbatteri VBC, VBR ID4.pdf](#)

[Conformity\\_decl. PGK, VBR, DXRE, VBC, CWK.pdf](#)