



Electrical heating batteries type CVA - M

Circular electrical heating battery with on-off regulation, maximal outlet temperature of 50°C. The minimal air velocity of 1,5 m/s through the battery is required. Available in diameter 100 up to 400 mm and in power range from 300 up to 9000 W. Operating voltage 230 or 400 V AC. It is also possible to combine this battery with a triac controller (for proportional control).

Application

- Pre-heater
- Zone heater
- Constant supply air temperature

Material

- Casing made of aluzinc coated steel, with rubber rings on either side for air tightness
- Heating elements made of stainless steel AISI 304

Specifications

- Two-stage overheat protection: the first stage switches on when the temperature reaches 50°C (resets automatically), the second stage switches on when the temperature reaches 100°C (is reset manually with pushbutton on the casing).

Accessoires

- Triac controllers, type **PULSER** or **TTC**
- On/OFF regulation, type **IMIT**

Mounting

- Circular ducts

Text for tender

- The heating batteries shall be electrical, of the circular type, made of steel. The heating elements shall be made of stainless steel AISI 304. They shall be equipped with a two-stage overheat protection with automatic reset and manual reset button. Rubber rings shall be fixed on either side for air tightness when mounted to the duct.

Order example**CVA, 200, 1f, 2400, -M**

Explanation

CVA - M = Electrical heater without built-in control**200** = Diameter in mm, (see table)**1f** = Supply voltage single phase 230V, **2f** = Single phase 400V, **3f** = 3 phase 400V**2400** = Heating power in W, (see table)

Ø [mm]	Min. Qv [m ³ /h]	Technical data		
		V/50Hz	P [kW]	In [A]
CVA-M 100	40	1-230	0,3/0,6/0,9/1,2	1,4/2,8/4,1/5,5
CVA-M 125	70	1-230	0,3/0,6/0,9/1,2/1,5/1,8	1,4/2,8/4,1/5,5/6,8/8,2
CVA-M 160	110	1-230	0,3/0,6/1,2/2,0/2,4	1,4/2,8/5,5/9,1/10,9
		2-400	3,0/5,0/6,0	7,9/13,2/15,8
		3-400	6	8,70
CVA-M 200	170	1-230	1,2/2,0/2,4	5,5/9,1/10,9
		2-400	3,0/5,0/6,0	7,9/13,2/15,8
		3-400	6	8,70
CVA-M 250	270	1-230	1,2/2,0/2,4	5,5/9,1/10,9
		2-400	3,0/5,0/6,0	7,9/13,2/15,8
		3-400	6,0/9,0	8,7/13,0
CVA-M 315	415	1-230	1,2/2,0/2,4	5,5/9,1/10,9
		2-400	3,0/5,0/6,0	7,9/13,2/15,8
		3-400	6,0/9,0/12,0	8,7/13,0/17,3
CVA-M 400	690	2-400	3,0/5,0/6,0	7,9/13,2/15,8
		3-400	6,0/9,0/12,0	8,7/13,0/17,3