

## FAN HEATER

HVL 031 | 100 - 400 W



Shown: 100 W - HVL 031 Fan Heater

- > Compact size
- > Flat design

- > Built-in overheat protection
- > 3-side DIN rail mountable

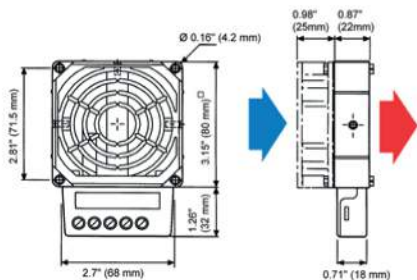
The compact HVL 031 high-performance fan heater prevents formation of condensation and provides an evenly distributed interior air temperature in enclosures. For large OEM use, this fan heater can also be provided without the fan, in which case the OEM/customer must provide a fan which meets the minimum airflow requirements.



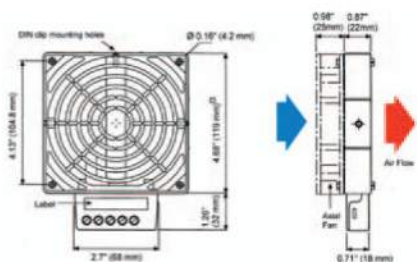
### TECHNICAL DATA

Heating element	high performance cartridge
Overheat protection	built-in temperature limiter
Heater body	die-cast aluminum, glass bead finish
Axial fan, ball bearing	service life 50,000 h at 77 °F (25 °C)
Air flow, free blowing	see table below
Axial fan connection	2-pole terminal AWG 14 max. (2.5 mm <sup>2</sup> ), terminals L2/N2
Connection	3-pole terminal AWG 14 max. (2.5 mm <sup>2</sup> ), torque 0.8 Nm max.
Connection housing	plastic, UL 94V-0, black
Mounting	clip for 35 mm DIN rail, EN 60715
Mounting position	horizontal
Operating / Storage temperature	-49 to +158 °F (-45 to +70 °C)
Protection class / Protection type	I (grounded) / IP20
Approvals	UL File No. E187294 (all), GOST TR (all), VDE (AC 230 V only)

100 W/ 150 W Heater



200 W/ 300 W/ 400 W Heater



**Important!** Heater must be operated together with a fan. Operating without a fan creates the danger of overheating.

Part No. - AC 120 V	Part No. - AC 230 V	Heating capacity	Min. airflow (free blowing)	Dimensions (as mounted)	Weight (approx.)
03102.9-00	03102.0-00	100 W	20 cfm (35 m <sup>3</sup> /h)	1.85 x 3.15 x 4.41" (47 x 80 x 112 mm)	1.3 lbs. (600 g)
03103.9-00	03103.0-00	150 W	20 cfm (35 m <sup>3</sup> /h)	1.85 x 3.15 x 4.41" (47 x 80 x 112 mm)	1.3 lbs. (600 g)
03113.9-00	03113.0-00	200 W	63 cfm (108 m <sup>3</sup> /h)	1.85 x 4.68 x 5.94" (47 x 119 x 151 mm)	2.0 lbs. (900 g)
03114.9-00	03114.0-00	300 W	63 cfm (108 m <sup>3</sup> /h)	1.85 x 4.68 x 5.94" (47 x 119 x 151 mm)	2.0 lbs. (900 g)
03115.9-00	03115.0-00	400 W	63 cfm (108 m <sup>3</sup> /h)	1.85 x 4.68 x 5.94" (47 x 119 x 151 mm)	2.0 lbs. (900 g)