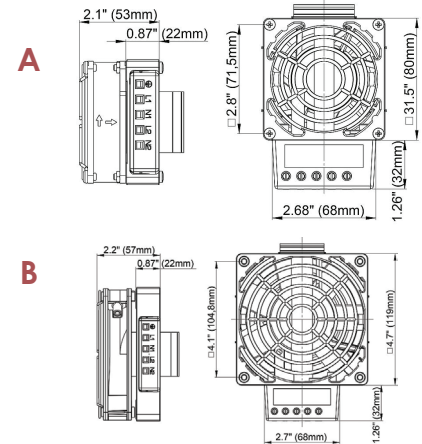


HVL 031

FAN HEATERS | 100 - 400 W
TOUCH-SAFE PTC FAN HEATER

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.

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 ²), terminals L2/N2
Connection	3-pole terminal AWG 14 max. (2.5 mm ²), 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 / Type	I (grounded) / IP20
Approvals	UL File No. E234324 (all) EAC (all) VDE (AC 230 V only)



Dimensioned Drawings. A) 100 W/ 150 W Heater. B) 200 W/ 300 W/ 400 W Heater.

- Compact size
- Flat design
- Built-in overheat protection
- 3-side DIN rail mountable



Part No.	Part No.	Heating Capacity	Recommended Pre-Fuse T (Time-Delay)		Min. Airflow (Free Blowing)	Dimensions (D X W X H)	Weight (Approx.)
AC 120 V, 50/60 Hz	AC 230 V, 50/60 Hz		AC 120 V	AC 230 V			
03102.9-00	03102.0-00	100 W	2.0 A	1.0 A	20 cfm (35 m ³ /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	2.5 A	1.25 A	20 cfm (35 m ³ /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	3.0 A	2.0 A	63 cfm (108 m ³ /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	4.0 A	2.0 A	63 cfm (108 m ³ /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	6.3 A	4.0 A	63 cfm (108 m ³ /h)	1.85 x 4.68 x 5.94" (47 x 119 x 151 mm)	2.0 lbs. (900 g)