

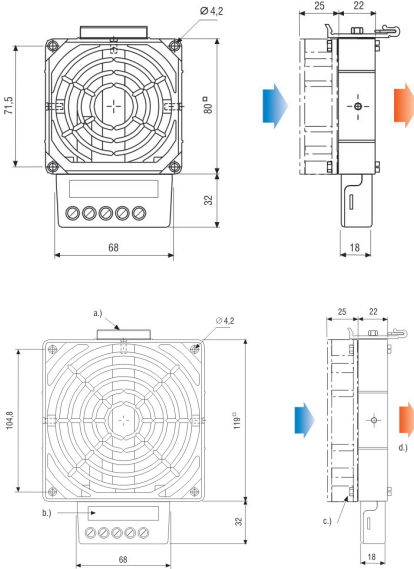
SPACE-SAVING FAN HEATER

HV 031 / HVL 031 | 100W to 400W



- > Compact
- > Flat design
- > High air through-flow
- > Temperature safety cut-out
- > Clip fixing

Compact high-performance fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. This fan heater may only be operated together with a fan but is also available without fan for self-assembly (HV 031) and with pre-configured fan (HVL 031).



- a.) Clip
- b.) Type plate
- c.) Axial fan
- d.) Air direction

TECHNICAL DATA

HV 031	Heater without fan (fan mounting kit included)
HVL 031	Heater with fan
Heating element	high performance cartridge
Temperature safety cut-out	to protect against overheating in case of fan failure, automatic reset
Heater body	die-cast aluminium (glass bead blasted)
Connection	3-pole screw connector 2.5mm ² , clamping torque 0.8Nm max.
Connection casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90% RH (non-condensing)
Protection type/Protection class	IP20 / I (earthed)
Approvals	UL File No. E187294, EAC VDE only: 230V
HVL 031 only:	
Axial fan, ball bearing	airflow see table service life 50,000h at +25°C (+77°F)
Connection (axial fan)	2-pole screw connector 2.5mm ² (L2/N2)



Important note: Heater may only be operated together with fan.
Danger of overheating!

Art. No. HV 031 230VAC, 50/60 Hz	Art. No. HV 031 120VAC, 50/60 Hz	Heating capacity	Recommended pre-fuse T (time-delay)		Dimensions	Weight (approx.)
			230VAC	120VAC		
03100.0-00	03100.9-00	100W	1.0A	2.0A	80 x 112 x 22mm	0.4kg
03101.0-00	03101.9-00	150W	1.25A	2.5A	80 x 112 x 22mm	0.4kg
03110.0-00	03110.9-00	200W	2.0A	3.0A	119 x 151 x 22mm	0.5kg
03111.0-00	03111.9-00	300W	2.0A	4.0A	119 x 151 x 22mm	0.5kg
03112.0-00	03112.9-00	400W	4.0A	6.3A	119 x 151 x 22mm	0.5kg

Art. No. HVL 031 230VAC, 50/60 Hz	Art. No. HVL 031 120VAC, 50/60 Hz	Heating capacity	Recommended pre-fuse T (time-delay)		Airflow min., free flow	Dimensions	Weight (approx.)
			230VAC	120VAC			
03102.0-00	03102.9-00	100W	1.0A	2.0A	35m ³ /h	80 x 112 x 47mm	0,6 kg
03103.0-00	03103.9-00	150W	1.25A	2.5A	35m ³ /h	80 x 112 x 47mm	0,6 kg
03113.0-00	03113.9-00	200W	2.0A	3.0A	108m ³ /h	119 x 151 x 47mm	0,9 kg
03114.0-00	03114.9-00	300W	2.0A	4.0A	108m ³ /h	119 x 151 x 47mm	0,9 kg
03115.0-00	03115.9-00	400W	4.0A	6.3A	108m ³ /h	119 x 151 x 47mm	0,9 kg