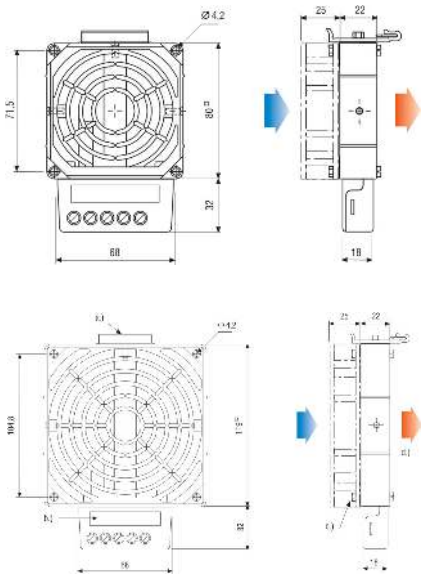
SPACE-SAVING FAN HEATER

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 2.5mm², 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 2.5mm² (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) 230VAC	120VAC	Dimensions	Weight (approx.)
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) 230VAC	120VAC	Airflow min., free flow	Dimensions	Weight (approx.)
03102.0-00	03102.9-00	100W	1.0A	2.0A	35m³/h	80 x 112 x 47mm	0,6 kg
03103.0-00	03103.9-00	150W	1.25A	2.5A	35m³/h	80 x 112 x 47mm	0,6 kg
03113.0-00	03113.9-00	200W	2.0A	3.0A	108m³/h	119 x 151 x 47mm	0,9 kg
03114.0-00	03114.9-00	300W	2.0A	4.0A	108m³/h	119 x 151 x 47mm	0,9 kg
03115.0-00	03115.9-00	400W	4.0A	6.3A	108m³/h	119 x 151 x 47mm	0,9 kg

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20.03.2015 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.