## Catalogue No: HVL 03103

#### FAN HEATER 230V AC H80xW112xD47mm 150W

Enclosures and Climate Control > Climate Control > Heaters and Regulating Devices > Heaters > Anti-Condensation Fan Heaters > HVL031 Series - Slimline Fan Heaters





Representative Photo Only (actual product may vary based on configuration selections)

#### Fan heater 230V AC H80xW112xD47mm 150W

- Ball bearing fan with 50,000 hour life
- Flat profile for small footprint
- Clip-on DIN rail fixing
- Temperature safety cut-out
- High air flow (35m3/hr on 100/15W models, 108m3/hr on 200W and above models)

Product Series         HVL031           Component Type Heaters Filter Fans Regulating Devices         Fan Heater           Heating Capacity, Ambient 20°C         Aluminum, Die-Cast material           Material, Body / Housing         Aluminum, Die-Cast material           Heating Element         High Performance Cartridge           Rated Frequency         50 / 60 Hz           Pre-Fuse T (time delay)         1.25 A           Mounting (Multiple)         DIN-35 Rail Mount           Details, Installation Position         Jerical airflow (air outlet up) position           Pre Rating         IP20           Production Class, Heater         I Heater           Connection         3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max           Integrated Thermostat         No Y/N           Optical Indicator         No Y/N           San Type         Akal fan, ball bearing           Airflow (free)         35 m³/hr           Service Life (fan)         50,000 hours at +25 degrees C           Temperature Safety Cut-out         Yes, with automatic reset to protect against overheating in case of fan failure           Height         47 mm           Width         112 mm           Depth         47 mm           Wight         6 kg           Operating Te	SPECIFICATIONS	
Heating Capacity, Ambient 20°C         150 W @20°C           Material, Body / Housing         Aluminium, Die-Cast material           Heating Element         High Performance Cartridge           Rated Frequency         50 / 60 Hz           Pre-Fuse T (time delay)         1.25 A           Mounting (Multiple)         DIN-35 Rail Mount           Details, Installation Position         Vertical airflow (air outlet up) position           IP Rating         IP20           Protection Class, Heater         I Heater           Connection         3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max           Integrated Thermostat         No Y/N           Optical Indicator         No Y/N           Fan Type         Axial fan, ball bearing           Airflow (free)         35 m²/hr           Service Life (fan)         50,000 hours at +25 degrees C           Temperature Safety Cut-out         Yes, with automatic reset to protect against overheating in case of fan failure           Height         47 mm           Worldh         112 mm           Depth         47 mm           Weight         0.6 kg           Operating Temperature, Min         45 °C min           Operating Temperature, Max         70 °C max           Storage Temperature, Max	Product Series	HVL031
Material, Body / Housing         Aluminium, Die-Cast material           Heating Element         High Performance Cartridge           Rated Frequency         50 / 60 Hz           Pre-Fuse T (time delay)         1.25 A           Mounting (Multiple)         DIN-35 Rail Mount           Details, Installation Position         Vertical airflow (air outlet up) position           IP Rating         IP20           Protection Class, Heater         I Heater           Connection         3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max           Integrated Thermostat         No Y/N           Optical Indicator         No Y/N           Fan Type         Axial fan, ball bearing           Airflow (free)         35 m²/hr           Service Life (fan)         50,000 hours at +25 degrees C           Temperature Safety Cut-out         Yes, with automatic reset to protect against overheating in case of fan failure           Height         80 mm           Width         112 mm           Uveight         0.6 kg           Operating Temperature, Min         -45 °C min           Storage Temperature, Max         70 °C max           Storage Temperature, Max         70 °C max           Relative Humidity, Max         90 %RH	Component Type Heaters Filter Fans Regulating Devices	Fan Heater
Heating Element         High Performance Cartridge           Rated Frequency         50 / 60 Hz           Pre-Fuse T (time delay)         1.25 A           Mounting (Multiple)         DIN-35 Rail Mount           Details, Installation Position         Vertical airflow (air outlet up) position           IP Rating         IP20           Protection Class, Heater         I Heater           Connection         3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max           Integrated Thermostat         No Y/N           Optical Indicator         No Y/N           Fan Type         Axial fan, ball bearing           Airflow (free)         35 m³/hr           Service Life (fan)         50,000 hours at +25 degrees C           Temperature Safety Cut-out         Yes, with automatic reset to protect against overheating in case of fan failure           Height         80 mm           Width         112 mm           Depth         47 mm           Weight         0.6 kg           Operating Temperature, Min         -45 °C min           Operating Temperature, Max         70 °C max           Storage Temperature, Max         70 °C max           Relative Humidity, Max         90 %RH	Heating Capacity, Ambient 20°C	150 W @20°C
Rated Frequency         50 / 60 Hz           Pre-Fuse T (time delay)         1.25 A           Mounting (Multiple)         DIN-35 Rail Mount           Details, Installation Position         Vertical airflow (air outlet up) position           IP Rating         IP20           Protection Class, Heater         I Heater           Connection         3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max           Integrated Thermostat         No Y/N           Optical Indicator         No Y/N           Fan Type         Axial fan, ball bearing           Airflow (free)         35 m²/hr           Service Life (fan)         50,000 hours at +25 degrees C           Temperature Safety Cut-out         Yes, with automatic reset to protect against overheating in case of fan failure           Height         80 mm           Width         112 mm           Depth         47 mm           Weight         0.6 kg           Operating Temperature, Min         -45 °C min           Operating Temperature, Max         70 °C max           Storage Temperature, Max         70 °C max           Relative Humidity, Max         90 %RH	Material, Body / Housing	Aluminium, Die-Cast material
Pre-Fuse T (time delay)  Mounting (Multiple)  DiN-35 Rail Mount Details, Installation Position  IP Rating  Protection Class, Heater  Connection  Connection  No Y/N  Optical Indicator  Fran Type  Axial fan, ball bearing  Airflow (free)  Sonooh hours at +25 degrees C  Temperature Safety Cut-out  Height  Mord  Width  112 mm  Weight  Operating Temperature, Min  Operating Temperature, Min  Conection  1.25 A  1.26 A	Heating Element	High Performance Cartridge
Mounting (Multiple) Details, Installation Position Vertical airflow (air outlet up) position IP Rating IP20 Protection Class, Heater I Heater Connection Optical Indicator No Y/N Optical Indicator No Y/N Fan Type Axial fan, ball bearing Airflow (free) Soyoo hours at +25 degrees C Temperature Safety Cut-out Height No mm Width 112 mm Weight Operating Temperature, Min Operating Temperature, Min Storage Temperature, Max Relative Humidity, Max Pacina IP20 I Heater	Rated Frequency	50 / 60 Hz
Details, Installation Position  IP Rating  Protection Class, Heater  Connection  Integrated Thermostat  Optical Indicator  Fairflow (free)  Axial fan, ball bearing  Airflow (free)  Service Life (fan)  Service Life (fan)  Temperature Safety Cut-out  Height  Height  Height  How Midth  Integrated Thermostat  Operating Temperature, Min  Operating Temperature, Min  Storage Temperature, Max  Relative Humidity, Max  Vertical airflow (air outlet up) position  IP20  Heater  I Heater  I Heater  I Heater  A pole screw connector 2.5 mm², clamping torque 0.8 Nm max  No Y/N  No Y/N  Axial fan, ball bearing  Axial fan, ball bear	Pre-Fuse T (time delay)	1.25 A
IP Rating     IP20       Protection Class, Heater     I Heater       Connection     3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max       Integrated Thermostat     No Y/N       Optical Indicator     No Y/N       Fan Type     Axial fan, ball bearing       Airflow (free)     35 m²/hr       Service Life (fan)     50,000 hours at +25 degrees C       Temperature Safety Cut-out     Yes, with automatic reset to protect against overheating in case of fan failure       Height     80 mm       Width     112 mm       Depth     47 mm       Weight     0.6 kg       Operating Temperature, Min     -45 °C min       Operating Temperature, Max     70 °C max       Storage Temperature, Min     -45 °C min       Storage Temperature, Max     70 °C max       Relative Humidity, Max     90 %RH	Mounting (Multiple)	DIN-35 Rail Mount
Protection Class, Heater  Connection  3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max  Integrated Thermostat  No Y/N  Optical Indicator  No Y/N  Fan Type  Axial fan, ball bearing  Airflow (free)  35 m³/hr  Service Life (fan)  50,000 hours at +25 degrees C  Temperature Safety Cut-out  Yes, with automatic reset to protect against overheating in case of fan failure  Height  80 mm  Width  112 mm  Depth  47 mm  Weight  0.6 kg  Operating Temperature, Min  Operating Temperature, Max  70 °C max  Storage Temperature, Max  70 °C max  Relative Humidity, Max  90 %RH	Details, Installation Position	Vertical airflow (air outlet up) position
Connection 3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max Integrated Thermostat No Y/N Optical Indicator No Y/N Fan Type Axial fan, ball bearing Airflow (free) 35 m³/hr Service Life (fan) 50,000 hours at +25 degrees C Temperature Safety Cut-out Yes, with automatic reset to protect against overheating in case of fan failure Height 80 mm Width 112 mm Depth 47 mm Weight 0.6 kg Operating Temperature, Min -45 °C min Operating Temperature, Max 70 °C max Storage Temperature, Max 70 °C max Relative Humidity, Max 90 %RH	IP Rating	IP20
Integrated Thermostat  No Y/N  Optical Indicator  No Y/N  Fan Type  Axial fan, ball bearing  Airflow (free)  35 m³/hr  Service Life (fan)  50,000 hours at +25 degrees C  Temperature Safety Cut-out  Yes, with automatic reset to protect against overheating in case of fan failure  Height  80 mm  Width  112 mm  Depth  47 mm  Weight  0.6 kg  Operating Temperature, Min  Operating Temperature, Max  70 °C max  Storage Temperature, Max  70 °C max  Relative Humidity, Max  90 %RH	Protection Class, Heater	I Heater
Optical Indicator  Fan Type Axial fan, ball bearing Airflow (free) 35 m³/hr Service Life (fan) 50,000 hours at +25 degrees C Temperature Safety Cut-out Yes, with automatic reset to protect against overheating in case of fan failure Height 80 mm Width 112 mm Depth 47 mm Weight 0,6 kg Operating Temperature, Min Operating Temperature, Max To °C max Storage Temperature, Min 45 °C min Storage Temperature, Max Relative Humidity, Max 90 %RH	Connection	3 pole screw connector 2.5 mm², clamping torque 0.8 Nm max
Fan Type Axial fan, ball bearing  Airflow (free) 35 m³/hr  Service Life (fan) 50,000 hours at +25 degrees C  Temperature Safety Cut-out Yes, with automatic reset to protect against overheating in case of fan failure  Height 80 mm  Width 112 mm  Depth 47 mm  Weight 0.6 kg  Operating Temperature, Min -45 °C min  Operating Temperature, Max 70 °C max  Storage Temperature, Max 70 °C max  Relative Humidity, Max 90 %RH	Integrated Thermostat	No Y/N
Airflow (free) 35 m³/hr  Service Life (fan) 50,000 hours at +25 degrees C  Temperature Safety Cut-out Yes, with automatic reset to protect against overheating in case of fan failure  Height 80 mm  Width 112 mm  Depth 47 mm  Weight 0.6 kg  Operating Temperature, Min -45 °C min  Operating Temperature, Max 70 °C max  Storage Temperature, Max 70 °C max  Relative Humidity, Max 90 %RH	Optical Indicator	No Y/N
Service Life (fan)  50,000 hours at +25 degrees C  Temperature Safety Cut-out  Yes, with automatic reset to protect against overheating in case of fan failure  Height  80 mm  Width  112 mm  Depth  47 mm  Weight  0.6 kg  Operating Temperature, Min  Operating Temperature, Max  To °C max  Storage Temperature, Min  45 °C min  Storage Temperature, Max  70 °C max  Relative Humidity, Max  90 %RH	Fan Type	Axial fan, ball bearing
Temperature Safety Cut-out  Height  80 mm  Width  112 mm  Depth  47 mm  Weight  0.6 kg  Operating Temperature, Min  Operating Temperature, Max  Storage Temperature, Min  Storage Temperature, Max  Relative Humidity, Max  Yes, with automatic reset to protect against overheating in case of fan failure  80 mm  47 mm  47 mm  47 mm  Characteristance  47 mm  48 °C min  45 °C min  45 °C min  60 °C max  81 or °C max  82 or °C max  84 or °C max  85 or °C max  86 or °C max  86 or °C max  86 or °C max  87 or °C max  88 or °C max  89 or °C max	Airflow (free)	35 m³/hr
Height 80 mm  Width 112 mm  Depth 47 mm  Weight 0.6 kg  Operating Temperature, Min -45 °C min  Storage Temperature, Max 70 °C max  Relative Humidity, Max 90 %RH	Service Life (fan)	50,000 hours at +25 degrees C
Width 112 mm  Depth 47 mm  Weight 0.6 kg  Operating Temperature, Min -45 °C min  Operating Temperature, Max 70 °C max  Storage Temperature, Max 70 °C max  Relative Humidity, Max 90 %RH	Temperature Safety Cut-out	Yes, with automatic reset to protect against overheating in case of fan failure
Depth 47 mm  Weight 0.6 kg  Operating Temperature, Min -45 °C min  Operating Temperature, Max 70 °C max  Storage Temperature, Min -45 °C min  Storage Temperature, Max 70 °C max  Relative Humidity, Max 90 %RH	Height	80 mm
Weight 0.6 kg  Operating Temperature, Min -45 °C min  Operating Temperature, Max 70 °C max  Storage Temperature, Min -45 °C min  Storage Temperature, Max 70 °C max  Relative Humidity, Max 90 %RH	Width	112 mm
Operating Temperature, Min -45 °C min Operating Temperature, Max 70 °C max Storage Temperature, Min -45 °C min Storage Temperature, Max 70 °C max Relative Humidity, Max 90 %RH	Depth	47 mm
Operating Temperature, Max  70 °C max  Storage Temperature, Min  Storage Temperature, Max  70 °C max  70 °C max  Relative Humidity, Max  90 %RH	Weight	0.6 kg
Storage Temperature, Min -45 °C min Storage Temperature, Max 70 °C max Relative Humidity, Max 90 %RH	Operating Temperature, Min	-45 °C min
Storage Temperature, Max 70 °C max Relative Humidity, Max 90 %RH	Operating Temperature, Max	70 °C max
Relative Humidity, Max 90 %RH	Storage Temperature, Min	-45 °C min
	Storage Temperature, Max	70 °C max
Approvals UL File no. E187294 (230V only: VDE)	Relative Humidity, Max	90 %RH
	Approvals	UL File no. E187294 (230V only: VDE)



# Catalogue No: HVL 03103

### FAN HEATER 230V AC H80xW112xD47mm 150W

Enclosures and Climate Control > Climate Control > Heaters and Regulating Devices > Heaters > Anti-Condensation Fan Heaters > HVL031 Series - Slimline Fan Heaters



REFERENCES	
IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



