

AIR HEATER

Recycle engine heat and make it warm and snug onboard

The Volvo Penta air heater utilizes the heat from the engine's cooling system and converts it into hot air. Four outlets makes it easy to distribute the heated air to where it is needed. It gives you a warm and snug atmosphere onboard, and you avoid misty or frosted windows.



THE VOLVO PENTA AIR HEATER is available in two sizes; 5 kW and 10 kW.

HIGHLY EFFICIENT

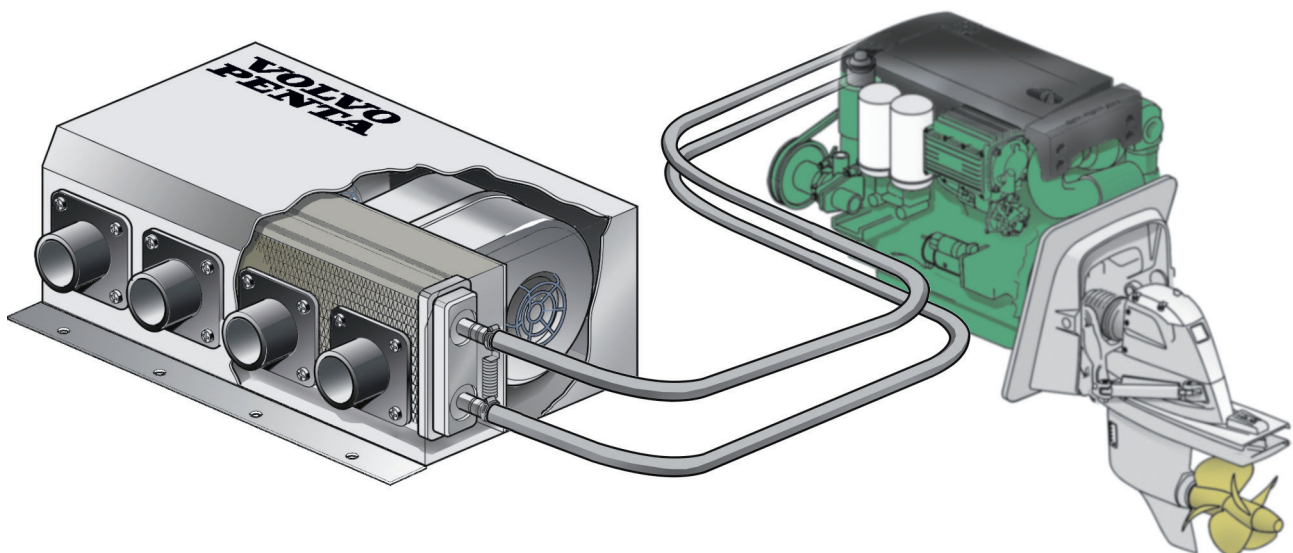
The heat exchanger is highly efficient and ensures that there is plenty of heated air as soon as the engine reaches working temperature. The airflow can be set to three different speeds and the integrated fan is very power efficient even at maximum speed.

EASY TO INSTALL

The air heater is compact and easy to install – vertically or horizontally. Four outlets supplied with hose connectors makes it easy to distribute the heated air to where it is needed. Various connectors and nozzles are available to suit your specific needs.

QUIET AND ROBUST

The Volvo Penta air heater offers quiet operation and a robust design. The stainless steel housing and copper/brass heat exchanger ensures long service life.



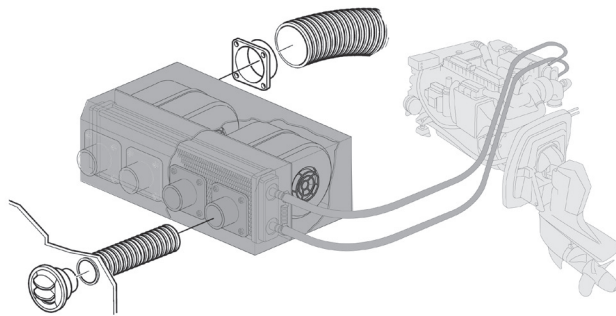
THE AIR HEATER is connected to the engine's closed-circuit cooling system. The integrated fan blows air through the heat exchanger, where it is heated by the engine's coolant fluid. The heated air is then distributed via a series of hoses to where it is needed e.g. to warm up the cabin or the helm, to defrost or demist the windshield or even dry clothing in a storage compartment.

**VOLVO
PENTA**

AIR HEATER

FEATURES AND BENEFITS:

- Recycles heat from the engine cooling system.
- Compact design, easy to install horizontally or vertically
- Highly efficient heat exchanger
- Reliable functionality, minimal maintenance
- Robust design with stainless steel housing and copper/brass heat exchanger
- Possible to have 80 mm air outlets by simply rotating the top cover
- Low noise level
- Low power consumption
- 3 speed, radial fan (Electrical switch available as option)



THE AIR HEATER can be installed up to 1,5 m above the engine, thanks to the integrated air bleed valve. It comes supplied with outlet hose connectors. Supply air hose connectors, electrical switch and hoses have to be ordered separately (if needed). The supply air comes through 80 mm air inlets on the back of the unit. If the air heater is installed in an area with poor air we recommend supply air intake via hoses.

Note! The air heater fan is not ignition protected, do not install in gasoline engine rooms.



Part No.	21621751	21621752	21621753	21621754	21621755
Heat output	5 kW (17000 BTU/h)	5 kW (17000 BTU/h)	10 kW (34000 BTU/h)	10 kW (34000 BTU/h)	10 kW (34000 BTU/h)
Power supply	12 V	24 V	12 V	24 V	12 V
Outlet hose connectors ¹⁾	4 x 55 mm (2,2")	4 x 55 mm (2,2")	4 x 55 mm (2,2")	4 x 55 mm (2,2")	4 x 60 mm (2,4")
Capacity, free flow	330 m ³ /h (195 cfm)	330 m ³ /h (195 cfm)	550 m ³ /h (325 cfm)	550 m ³ /h (325 cfm)	550 m ³ /h (325 cfm)
Power consumption ²⁾	4.7/5.9/8.3 A	3.1/3.6/4.3 A	5.6/7.4/11.7 A	3.9/4.8/6.2 A	5.6/7.4/11.7 A
Noise level ²⁾	62/64/67 dB	62/64/67 dB	63/65/69 dB	63/65/69 dB	63/65/69 dB
Supply air intake ³⁾	2 x 80 mm (3,2")	2 x 80 mm (3,2")	3 x 80 mm (3,2")	3 x 80 mm (3,2")	3 x 80 mm (3,2")
Water connection	16 mm (5/8")	16 mm (5/8")	16 mm (5/8")	16 mm (5/8")	16 mm (5/8")
Dimensions (mm)	230 x 160 x 236	230 x 160 x 236	370 x 160 x 236	370 x 160 x 236	370 x 160 x 236
(Inch)	9.0 x 6.3 x 9.3	9.0 x 6.3 x 9.3	14.6 x 6.3 x 9.3	14.6 x 6.3 x 9.3	14.6 x 6.3 x 9.3
Weight	5.1 kg (11.3 lb)	5.1 kg (11.3 lb)	6.6 kg (14.6 lb)	6.6 kg (14.6 lb)	6.6 kg (14.6 lb)

¹⁾ The hose connector diameter is 55 or 60 mm depending on model. Please see the table. Optional diameters are available as accessories. ²⁾ Low/Medium/Maximum effect.

³⁾ Hose connectors for the supply air is optional and available as accessories.

Accessories

Electrical switch (for the Air heater fan)	Cooling water hose (16 mm/ 5/8")			
41103307	952969			
	50 mm/2.0 inch	55 mm/2.2 inch	60 mm/2.4 inch	80 mm/3.2 inch
Adjustable nozzle (black)	41103312	21656852	41103308	N/A
Hose connector kit x 4 (outlet air) ⁴⁾	21656846	41103317	21656848	N/A
Hose connector kit x 3 (supply air) ⁴⁾	N/A	N/A	N/A	21656849
Y-connector	N/A	21656859	41103325	41103316
Air hose (Sold by the meter)	41103309	21656855	21656856	21656857
Highly flexible air hose (Length 2.4 m/8 ft) ⁵⁾	N/A	41103329	N/A	N/A

⁴⁾ Screws included. ⁵⁾ Suitable if the installation requires very tight hose bends (min. bending radius = 80 mm).



Hot water outlet kits are available for most Volvo Penta engines. Please contact your local dealer for further information.



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