

1.3 Specifications

1.3.1 Model Specifications

Feature	HAD168	HAD169	HAD172	HAD173	HAD174
Blower (400051)	✓	✓	✓	✓	✓
Heater Coil (130010)	✓	✓	✓	✓	✓
Outlets - Top	4x50mm	6x50mm	5x57mm	4x50mm	4x50mm
- Front	350x75mm		405x145mm	6x50mm	
- Right Side	1x65mm, 1x32mm		1x57mm		1x65mm, 1x50mm
- Left Side			1x57mm		1x50mm
Damper - Heat/Demist	✓			✓	
Water Valve	Optional	Optional	Manual	✓	Optional
Dash Control Panel	Optional			✓	

1.3.2 General Specifications

The following specifications are correct for the Heating and Demisting Units at the time of printing.

Heating Capacity	12.5 kW (42,500 Btu/Hr) @ 21°C DB ambient return air, 85°C water Air @ 277 l/s, Water @ 0.15 l/s
Dimensions	370mm high x 450mm wide x 170mm deep
Weight	9 kg
Airflow	265 l/s (955m ³ /hr) at high speed (free blow) 202 l/s (725m ³ /hr) at medium speed (free blow) 169 l/s (610m ³ /hr) at low speed (free blow)
Water Flow Rate	8-12 l/min
Operating Voltage	24 V DC nom. Max. 30 V DC cont., 45 V DC momentary, 20 V DC Min.
Current Draw	Maximum total Draw: 17 A @ 27 V DC High Speed: 15 A @ 27 V DC Medium Speed: 9 A @ 27 V DC Low Speed: 7 A @ 27 V DC
Heater Coil	1-off rifle copper tube with high efficiency aluminium fins.
Blower	Motor: 1-off medium duty, long life, permanent magnet type, double shaft, steel ball bearings. Fans: 2-off double inlet rotor.
Temperature Controller (Optional)	Driver controlled modulating water valve and fan speed selector.
Casing	Primarily constructed of 2.0 mm aluminium ensuring resistance to corrosion and physical damage due to its robust design.
Corrosion Protection	The casing is chemically prepared for paint application to all internal and external surfaces.