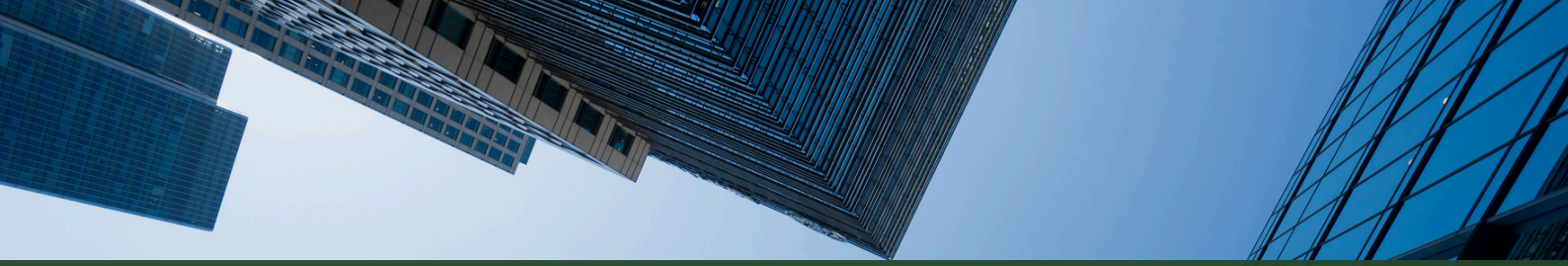

AW Series

Virdis Energy

Domestic Hot Water Powered by Advanced Air Source Heat Pump Technology

Model Code	AW 08-200-T	AW 08-300-T
Nominal Volume (Litres)	200	300
Air Operating Range (°C)	-5 to +43	-5 to +43
Achievable Hot Water Temperature Via Heat Pump (°C)	60	60
Max Electrical Power Input Heat Pump and Immersion (kW)	2.05	2.05
Max Thermal Power Output from Heat Pump only at 45°C (kW)	2.173	2.173
Max Power Output from Heat Pump and Immersion at 45°C (kW)	3.673	3.673
Air Flow (m3/hr)	300 to 450	300 to 450
Sound Pressure Level - dB(A)	33.6	32.5
Sound Power Level - dB(A)	51.6	51.0
Refrigerant Type	R134A	R134A
Refrigerant Weight (kg)	1.25	1.25
Standing Heat Loss (kWh/24hr)	0.38	0.50
Water Heating Time from 10°C to 55°C (hours)	5.8	8.7
Air Ducting Method	Separate Inlet and Outlet to Exterior	
Coefficient of Performance	3.2	3.4
Energy Efficiency Class	A++	A++
Dimensions (mm)	566 x 570 x 1731	640x655x1804
Weight with Packaging (kg)	122	138
Weight without Packaging (kg)	104	129
Air Duct Diameter (mm)	150	150
Minimum Air Flow (m /hr)	300	300
Water Connection (inch)	Male 3/4	Male 3/4
Condensate Tube ID (mm	20	20
Electrical Supply	230VAC/50Hz 8.9A	230VAC/50Hz 8.9A
MCB Type	Type B 16A	Type B 16A
Material	Stainless Steel	Stainless Steel
Insulation	50mm PU Foam	50mm PU Foam
Maximum Water Inlet Supply Pressure (bar)	7	7
Integrated Electric Immersion (kW)	1.5	1.5
Max Temperature with Immersion (°C)	75	75
Water Regulations	G3 KIWA Approval 2203704	
T&P Valve	Factory Fitted	
Accessories Included*	Inlet Group, Tundish, Expansion Vessel *Ducting not included	

Key Features:

- Consumes less electricity than standard electric water heaters
- Options of 200L or 300L storage
- Compact plug-and-play design
- Stainless steel tank
- Quiet operation
- Variable speed fan mode
- High performance compressor

The AW Series heat pump cylinders comprises of a stainless steel hot water cylinder with a heat pump mounted on top. The heat pump produces hot water very efficiently by extracting heat from external air supplied via ductwork. The unit can achieve a maximum of 75°C hot water with the immersion and heat pump.

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