

LWD70A-SX/HMD Air Source heat Pump Technical datasheet

ABOUT

The LWD/HMD heat pump unit is the energy source for the central heating. Add the combined hot water cylinder/buffer to complete the system. The hot water cylinder can be located in the airing cupboard while the Hydraulic Unit (HMD) is out of the way under the stairs or in the garage.

Whisper quiet, HMD can be placed anywhere in the house and no need for ventilation.

The HMD unit incorporates the controls necessary to complete the system making installation simple and fast. The hot water cylinder is supplied with the unvented kit for site installation.

Climate scientists agree that high levels of greenhouse gasses in the atmosphere are leading to climate change. The gasses commonly used in heat pumps can have very high warming potential compared to CO₂, typically over 2000 times. The refrigerant used in the LWD has a very low global warming potential of 3. This means it is excluded from future restrictions and becomes part of the solution instead of part of the problem.

Unlike many heat pumps the LWD is capable of achieving a water temperature of 70degC. This means it is possible to reheat the domestic hot water to 60degC easily without an electric booster heater.

The LWD outside unit is supplied with either feet for ground mounting or wall brackets



SIZE

	LWD	HMD
Height	1230mm	695mm
Width	1320mm	550mm
Depth	445mm	330mm

SPECIFICATION

Model No.	LWD70A-SX - HMD
Nominal Output	9.3kW (A7/W35)
COP	4.24
Weight	151kg LWD - 25kg HMD
Hot water Cylinder	Not included
Buffer Tank	Not Included
Heating Pump	Included
Back-Up heater	included 6kW

MCS Cert. No. MCS HP0135/10

Internet connected remote monitoring and control.

