

Product Datasheet

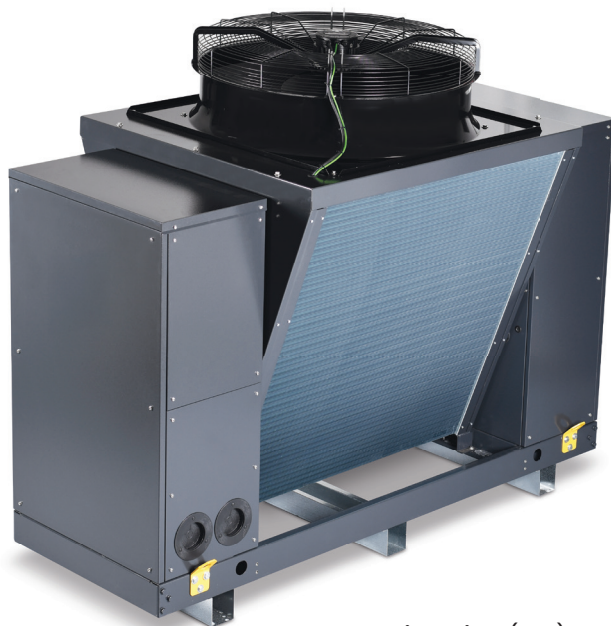
Leeds Air to Water Heat Pump

Product Name	Leeds Single	
Product Number	GE40501-001-00	
Refrigerant Amount (kg)	R290	4.0
Electrical Booster Heater (External)	9kW	Optional
Heat Pump Space Heater @ 55°C	ErP Rating	A++
	SSHEE ^{*2} ($\eta_{s,h}$)	126%
	SCOP	3.22
Heat Pump Space Heater @ 35°C	ErP Rating	A++
	SSHEE ^{*2} ($\eta_{s,h}$)	151%
	SCOP	3.85
Heating (Air -3°C/ Water 35°C)	Rated Output (kW)	26.5
	Power Consumption (kW)	8.0
	COP	3.3
Cooling (Air 35°C/ Water 18°C)	Rated Output (kW)	35.7
	EER	3.29
Min/ Max Outlet Temperature (°C)	7 to 70	
Mass (kg)	600	
Heat Pump Voltage / Frequency	400V 3ph+N+PE AC / 50Hz	
Max Running Current (A) Compressor	32	
Max Electrical Power (kW) Compressor	21	
Sound Pressure Level @ 10m (dBa) ^{*1,3}	40	
Operating Ambient Temperature (°C)	-25 to +45	
Max Starting Current (A) with / without Soft Starter	95 / 140	
Water Connections (Inch)	2	

*1 - VDE tested, A7/W55, with fully spherical spread

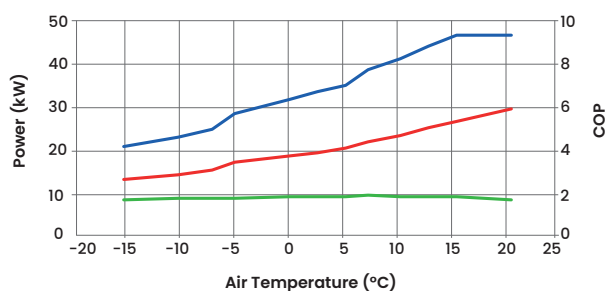
*2 - Seasonal Space Heating Energy Efficiency

*3 - Sound power level is 68dBA as tested to BS EN 12102

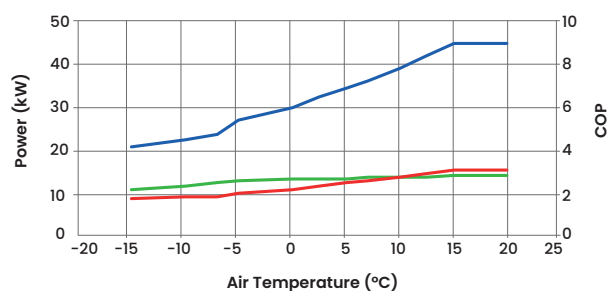


Dimensions (mm)
W: 1400 H: 1770 D: 2280

Leeds Performance at 35°C Outlet Temperature



Leeds Performance at 65°C Outlet Temperature



— Power Output (kW) — Power Input (kW) — COP



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