

Product Datasheet

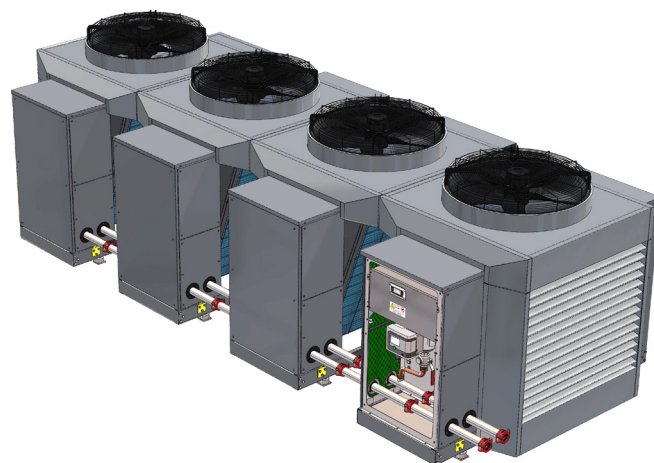
Leeds Quattro Air to Water Heat Pump

Product Name		Leeds Quattro
Product Number		GE40501-004-00
Refrigerant Amount (kg)	R290	4 x 4.0
Electrical Booster Heater (External)	4 x 9kW	Optional
Heat Pump Space Heater @ 55°C	ErP Rating	A++
	SSHEE** ² (η_{sp})	126%
	SCOP	3.22
Heat Pump Space Heater @ 35°C	ErP Rating	A++
	SSHEE** ² (η_{sp})	151%
	SCOP	3.85
Heating (Air -3°C/ Water 35°C)	Rated Output (kW)	106.0
	Power Consumption (kW)	32.1
	COP	3.3
Cooling (Air 35°C/ Water 18°C)	Rated Output (kW)	142.8
	EER	3.29
Min/ Max Outlet Temperature (°C)		7 to 70
Mass (kg)		2400
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)		3

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

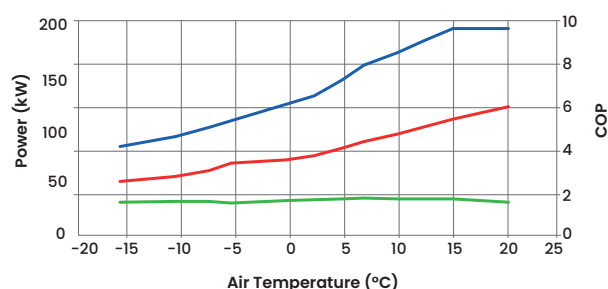
*2 - Seasonal Space Heating Energy Efficiency

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

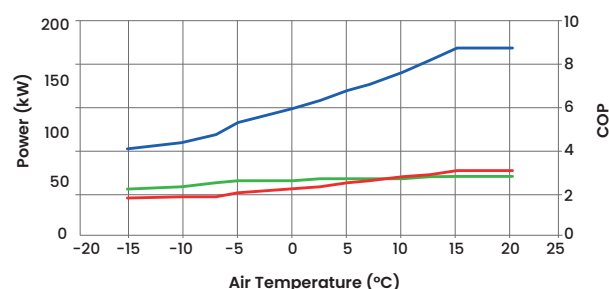


Dimensions (mm)
W: 5600 H: 1770 D: 2280

Leeds Performance at 35°C Outlet Temperature



Leeds Performance at 65°C Outlet Temperature



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

