

High-efficiency air-to-water heat pump

LA60TU

The LATU range of air source heat pumps is able to meet heat loads from 17kW to 45KW with a single unit and if banked together can achieve outputs up to 630kW. The high efficiency design delivers excellent seasonal performance which helps to meet building regulations and reduce running costs.



- High efficiency and high output air source heat pump with electronic expansion valve. Designed for outdoor installation.
- Two scroll compressors to flexibly and efficiently adapt to fluctuating heat demand with intelligent load switching between compressors to maximise compressor life.
- Supplied complete with wall mounted WPM EconPlus heat pump manager.
- Reduced operational noise through the use of two slow-running EC-3D fans, an encapsulated compressor housing and a free-swinging compressor base plate.



Model Reference	LA60TU
Max. flow temperature	65 °C
Air operating limits	-22 to 35 °C
Heat output A-7/W35 / COP A-7/W35*	
1 Compressor	21.20 kW / 3.00
2 Compressors	39.20 kW / 2.90
Heat output A2/W35 / COP A2/W35*	
1 Compressor	26.40 kW / 3.70
2 Compressors	50.00 kW / 3.60
Heat output A7/W35 / COP A7/W35*	
1 Compressor	31.90 kW / 4.30
2 Compressors	60.10 kW / 4.10
Heat output A10/W35 / COP A10/W35*	
1 Compressor	33.60 kW / 4.40
2 Compressors	64.60 kW / 4.20
Nominal power consumption at A7/W35*	15 kW
Sound power level	74 dB (A)
Sound pressure level in 10 m	50 dB (A)
Refrigerant	R417A / 20.9 kg
Max. heating water flow rate / Pressure drop	10.4 m ³ /h / 8300 Pa
Heat source flow (min.)	14000 m ³ /h
Dimensions (W x H x D)	1900 x 2300 x 1000 mm
Weight	915 kg
Rated voltage	3/N/PE ~400 V, 50 Hz
Starting current with soft starter	78 A
Fuse protection**	Z 50 A
Type of defrosting	Reverse circulation
Connection heating	R 2"
ETL listed	Yes
MCS Certified	N/A
SAP Q listed	No

*Determined in accordance with EN14511

**Fuse and cable to be determined in accordance with BS7671