

High-efficiency air-to-water heat pump

LA25TU

The LATU range of air source heat pumps is able to meet heat loads from 17kW to 45KW with a single unit. If banked together, it is possible to 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	LA25TU
Max. flow temperature	58 °C
Air operating limits	-25 to 35 °C
Heat output A-7/W35 / COP A-7/W35*	
1 Compressor	9.10 kW / 3.00
2 Compressors	16.70 kW / 3.00
Heat output A2/W35 / COP A2/W35*	
1 Compressor	11.30 kW / 3.80
2 Compressors	19.60 kW / 3.70
Heat output A7/W35 / COP A7/W35*	
1 Compressor	13.90 kW / 4.50
2 Compressors	26.10 kW / 4.40
Heat output A10/W35 / COP A10/W35*	
1 Compressor	15.00 kW / 4.90
2 Compressors	28.20 kW / 4.80
Nominal power consumption at A7/W35*	5.89 kW
Sound power level	67 dB (A)
Sound pressure level in 10 m	40 dB (A)
Refrigerant	R404A / 10.2 kg
Max. heating water flow rate / Pressure drop	4.5 m³/h / 8300 Pa
Heat source flow (min.)	7500 m³/h
Dimensions (W x H x D)	1600 x 1940 x 952 mm
Weight	510 kg
Rated voltage	3/N/PE ~400 V, 50 Hz
Starting current with soft starter	22 A
Fuse protection**	C 25 A
Type of defrosting	Reverse circulation
Connection heating	1 ½ inch flat sealing
ETL listed	No
MCS Certified	Yes
SAP Q listed	No

*Determined in accordance with EN14511

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