

Air-to-water swimming pool heat pump

Casing colour: White aluminium (similar to RAL 9006)

Air-to-water heat pump for outdoor installation for heating swimming pool water. Titanium heat exchanger for safe operation, also suitable for salt water and any type of water preparation; efficient use of environmental energy thanks to the scroll compressor; year-round operation thanks to integrated automatic defrosting as standard, soft starter as standard; control via wired remote control included in the scope of supply; stainless steel upright support; powder-coated sheet steel casing.

Technical data

Dimplex Air-to-water swimming pool heat pump (Low temperature)	
Order reference	LAS 22TT
Casing colour	White aluminium (similar to RAL 9006)
Lower operating limit pool water	10 °C
Upper operating limit pool water inflow	40 °C
Lower operating limit heat source (heating operation) / Upper operating limit heat source (heating operation)	-10 to 35 °C
Heat output with 1 compressor*	22,3 kW
Nominal power consumption at A20/W24	4,2 kW
/ Pressure drop	/ 8000
Sound power level device	71 dB (A)
Refrigerant / Amount of refrigerant	R407C / 2,5 kg
Dimensions (W x H x D)**	1285 x 880 x 695 mm
Weight	162 kg
Connection voltage	3/N/PE ~400 V, 50 Hz
Starting current with soft starter	25 A
Fuse protection	C 16 A
Type of defrosting	Electrical

*Heat output and coefficient of performance (COP) at A20/W24 (A20 = air intake temp. +20 °C, W24 = heating water outlet temp. +24 °C)

**Please note that additional space is required for pipe connections, operation and maintenance.