

DATA SHEET

EcoZenith i255 L Multi-energy Thermal Store

	Main Features	
	Application	Space heating, DHW heating.
	Description	This multi-energy thermal store is designed for installation together with CTC EcoAir 406–410, EcoAir 510M–622M or EcoPart 406–412 heat pumps. It contains a circulation pump, a thermal store with a DHW heat exchanger, electric heating elements, a mixing valve for heating water w. actuator, an integrated electronic controller with colour touchscreen.
	Working fluid	Water, antifreeze fluid for heat pumps and heating systems (HP circuit), water (DHW heat exchanger).
	Code	19265

Technical Data	
Power supply	3/N/PE ~ 400/230 V 50 Hz
IP rating	IPX1
Rated power input	15.04 kW
Number of heating elements	2
Upper heating element	0–9 kW (0.3 kW steps)
Lower heating element	6 kW
Max. output of heating elements w. 16A circuit breaker	3+6 kW
Max. output of heating elements w. 20A circuit breaker	6+6 kW
Max. output of heating elements w. 25A circuit breaker	9+6 kW
Thermal store volume	223 l
Thermal store max. working pressure	2,5 bar
Thermal store max. working temperature	110 °C
Mixing valve Kvs value	6.3 m³/h
DHW heat exchanger volume	6 l
Max. DHW heat exchanger pressure	10 bar
Max. DHW heat exchanger temperature	110 °C
Water heating load profile*	L
Quantity of delivered hot water (40 °C) according to load profile*	> 200 l
Min. ceiling height	1760 mm
Width x height x depth	596 x 1649 x 673 mm
Weight	167 kg
Connections	6 x Cu 22 mm

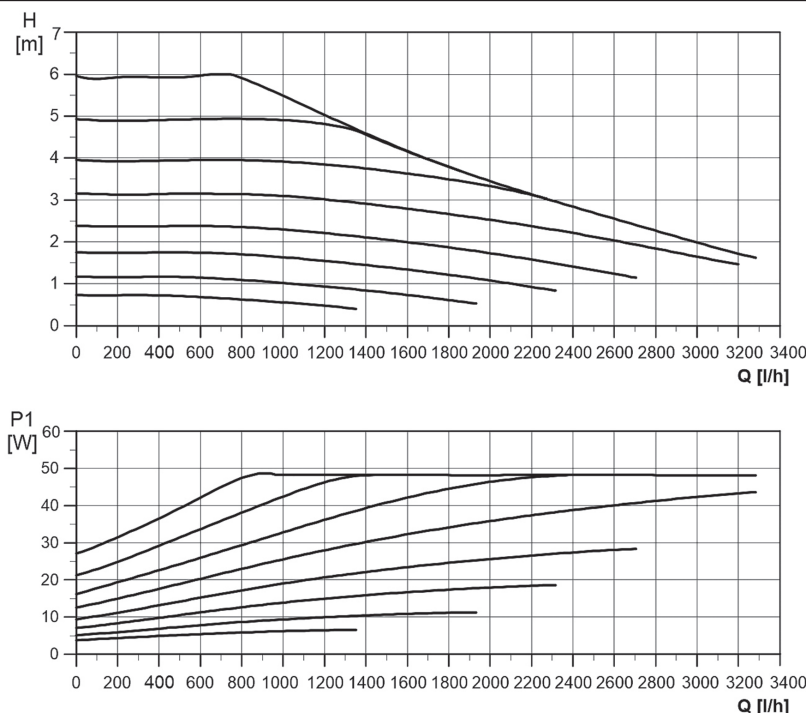
* According to Commission Regulation (EU) No 813/2013.

Accessories	
Wireless room unit	Code 13945
Solar module	Code 12622

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Performance Curves for UPM2 15-60 130 Pump



Dimensions

Pos.	Description	Connection	Height [mm]
W1	Cold water	Cu 22 x 1	1625
W2	Hot water	Cu 22 x 1	1625
X1	Incoming from heat pump	Cu 22 x 1	1608
X2	Return to heat pump	Cu 22 x 1	1608
X3	Flow to heating system	Cu 22 x 1	1580
X4	Return from heating system	Cu 22 x 1	1600
X5	External heat source (optional)	G 3/4" F	—
X6	External heat source (optional)	G 3/4" F	—
F1	Safety valve outlet	G 3/4" F	—
F2	Hoist ring	G 3/4" F	—
O	Air vent	G 1/2" F	—

Tipping height 1760 mm

