


EcoZenith i250 L Multi-Energy Thermal Store

	Main Features	
	Application	space and DHW heating
	Description	Multi-energy Thermal Store designed for installation with CTC EcoAir 406-410 heat pumps, contains a thermal store with DHW heat exchanger, el. heating elements, heating water mixing valve with actuator and integrated electronic controller with colour touch screen
	Working fluid	water, antifreeze fluid for heat pumps and heating systems (heat pump circuit), water (DHW heat exchanger)
Code		13241

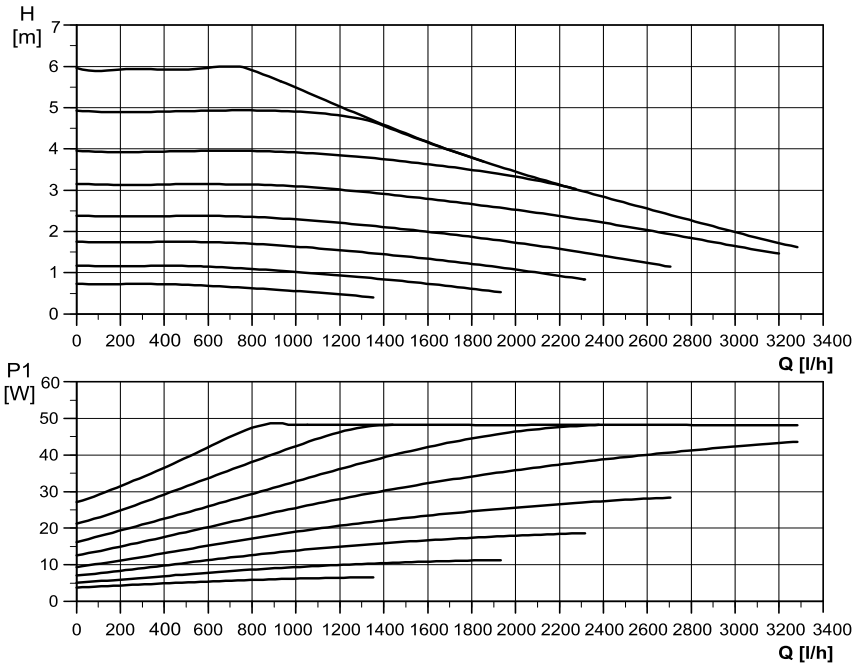
Technical Data		
Power supply	3/N/PE ~ 400/230V 50Hz	
IP rating	IPX1	
Nominal power input	15.04 kW	
No. of heating elements	2	
Upper heating element	0 - 9 kW (in 0.3 kW steps)	
Lower heating element	6 kW	
Max. output of heating elements with a circuit breaker of	16 A	3+6 kW
	20 A	6+6 kW
	25 A	9+6 kW
Tank volume	223 l	
Max. working pressure	2,5 bar	
Max. working temperature	110 °C	
Mixing valve Kvs value	6.3 m ³ /h	
DHW heat exchanger volume	5,7 l	
Max. working pressure - DHW HE	10 bar	
Max. temperature - DHW HE	100 °C	
Load profile *	L	
Amount of hot water supplied (40 °C) accord. to Load profile *	> 200 l	
Min. ceiling height	1700 mm	
Width x Height x Depth	595 x 1652 x 672 mm	
Weight	167 kg	
Connections	6 x Cu 22 mm	

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

Accessories	
Wireless Room Unit	Code 13944
Internet module	Code 17257
Solar module	Code 12622

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Performance curves for UPM2 15-60 130 pump



Dimensions

pos.	Description	Connection
W1	Cold water	Cu 22x1
W2	Hot water	Cu 22x1
X1	Supply from heat pump	Cu 28x1,5
X2	Return to heat pump	Cu 28x1,5
X3	Flow to heating system	Cu 22x1
X4	Return from heating systems	Cu 22x1
X5	External heat source (optional)	G 3/4" F
X6	External heat source (optional)	G 3/4" F
F1	Safety valve spillway	G 3/4" F
F2	Hoisting eye	G 3/4" F
O	Air vent	G 1/2" F

