

EcoZenith i350 L Multi-Energy Thermal Store


Main Features	
Application	space and DHW heating
Description	Multi-energy Thermal Store designed for installation with CTC EcoAir 500M a 600M series heat pumps, contains a thermal store with DHW heat exchanger, el. heating elements, heating water zone valve with actuator, integrated electronic controller with colour touch screen
Working fluid	water, antifreeze fluid for heat pumps (heat pump circuit), water (DHW heat exchanger)
Code	17192

Technical Data		
Power supply	3/N/PE ~ 400V 50Hz	
IP rating	IPX1	
Nominal power input	12.2 kW	
Nominal power input without heating element	236 W	
Max. output of heating elements with a circuit breaker of 16 A	8.9 kW	
Max. output of heating elements with a circuit breaker of 20 A	11.9 kW	
Max. output of heating elements with a circuit breaker of 25 A	11.9 kW	
Tank volume	225 l	
Expansion vessel volume	18 l	
Max. working pressure	3.0 bar	
Max. working temperature	100 °C	
Max. adjustable temper. of heating water	70 °C	
DHW heat exchanger volume	1,7 l	
Max. working pressure - DHW	10 bar	
Max. working temperature	100 °C	
Max. adjustable temper. of DHW	65 °C	
Load profile *	XL	
DHW volume depending on the selected profile with 40°C water temperature *	Ekonom	210 l
	Normal	235 l
	Komfort	304 l
Tipping height	1800 mm	
Width x Height x Depth	596 x 1676 x 673 mm	
Weight	143 kg	
Connections	6 x Cu 22 mm	

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

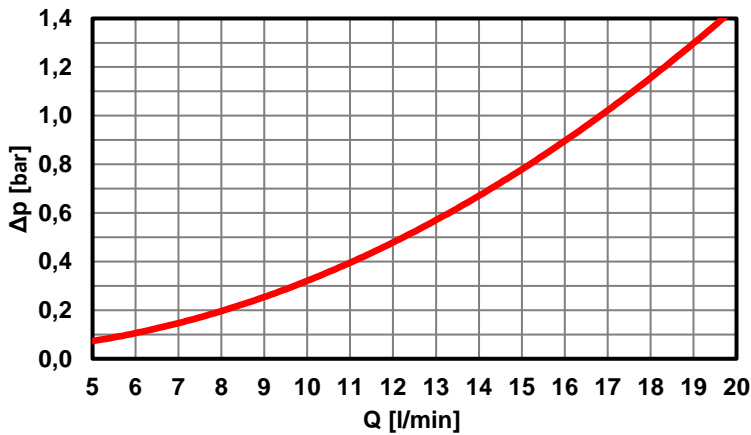
Accessories	
Wireless Room Unit	Code 13944
Internet module	Code 17257

Volume of supplied DHW (heated from 10 °C to 40 °C)						
Heated volume	entire			entire		
Temperature in tank	60 °C			60 °C		
Backup heater	10 kW			none		
Flow rate [l/min]	8	12	20	8	12	20
Hot water volume [l] **	281	269	243	306	296	267

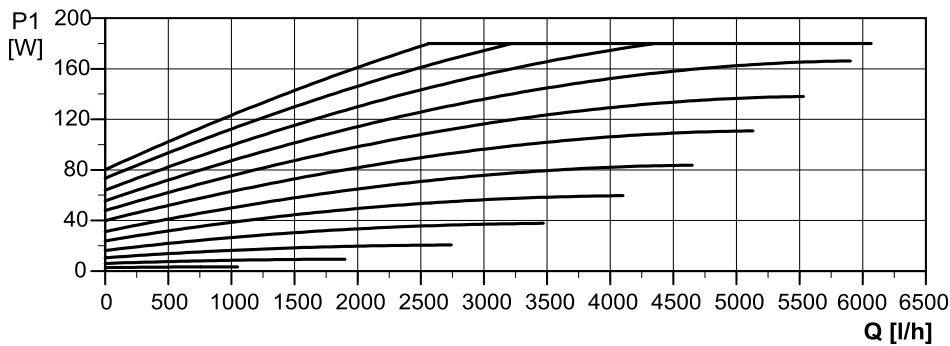
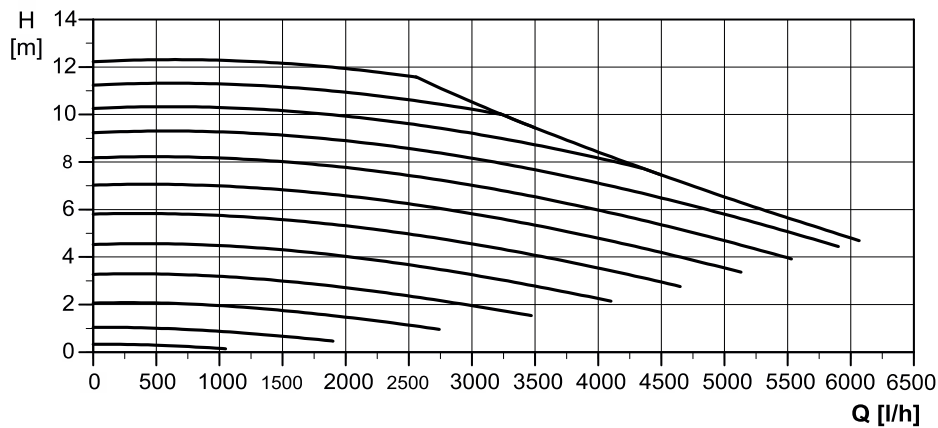
** measured values are valid for the Normal operating profile

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Pressure drop graph of DHW heat exchanger



Performance curves for UPMXL GEO 25-125 130 PWM pump



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