

EXCHANGERS

Uranus



Unequipped and Plus



Uranus PLUS



Uranus Unequipped

- + Compatible with all types of home heating systems (Heat Pump, Boiler, Geothermal, Solar)
- + High heat exchange
- + Digital regulation

DESCRIPTION

- Appliance completely assembled and wired
- High performance plate exchanger TITANIUM plates
- PRIMARY with adjustable accelerator 2 1/4 turn valves, 1 valve - male thread. Ø 26/34 with Ø 20/22 soldering cartridges
- SECONDARY - PVC Ø 50
- Digital display thermostat
- Flow switch
- Mono 230 V wiring from a mains outlet
- Purge or emptying cap

PRODUCT REFERENCES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	WJ000001	WJ000003	WJ000005	WJ000007
Plus	WJ000002	WJ000004	WJ000006	WJ000008



TECHNICAL FEATURES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240	
Max. pressure (pool circuit)	3 bar / 2 bar				
Max. permitted temperature	90 °C / 40°C				
Connections	PRIMARY Heating (Unequipped model)	Ø20/22		Ø26/28	
	SECONDARY Pool	PVC Ø50			
Flow (M ³ /H)	PRIMARY Heating	1,6	2,1	2,8	6,3
	SECONDARY Pool	2	2,9	4,3	8,7
Load Loss (MMCE)	PRIMARY Heating	1500	1200	1000	2000
	SECONDARY Pool	2400	2300	2500	3800

HEATING PERFORMANCE

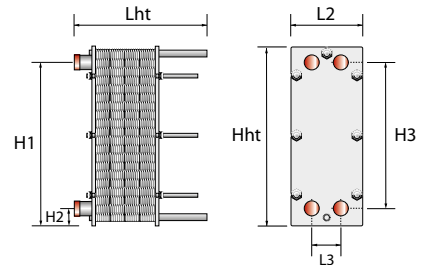
Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Power with primary at 90°C (kW)	55	80	120	240
Power with primary at 60°C (kW)	27	38	63	123
Power with primary at 45°C (kW)	15	21	34	68

DIMENSIONS (MM) AND WEIGHT

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	14 kg	15 kg	17 kg	31 kg
Plus	29 kg	30 kg	31 kg	50 kg

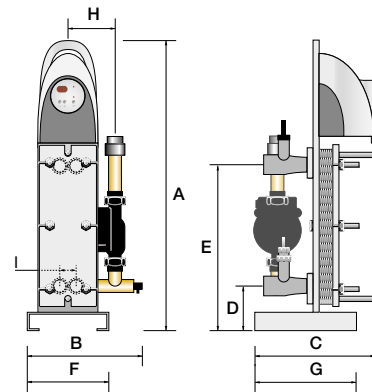
DIMENSIONS (MM) UNEQUIPPED MODEL

Model	URANUS 35-70-120	URANUS 240
Lht	255	407
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	75
H3	298	357



DIMENSIONS (MM) PLUS MODEL

Model	URANUS 35-70-120	URANUS 240
A	758	840
B	334	347
C	415	480
D	116	137
E	414	494
F	250	250
G	200	450
H	127	148
I	50	60



INSTALLATION

- In the technical facility nearby the boiler at the filtering system output (plan a by-pass).
- Single-phase electric power supply 230V
- In special cases: exchanger supplied from a geothermal or heat pump.
- The exchanger must be sized taking into account the heating needs of the pool, the specifications of the exchangers with primary at 45°C or 60°C (see specifications table) and the power of the geothermal. For correct operation of the geothermal we recommend installing a buffer tank as shown in the diagram below.

