



ZODIAC

Unequipped and Preassembled Uranus +

Plate heat exchanger



URANUS preassembled titanium plates



URANUS unequipped titanium plates



- Compatible with all types of home heating (Heat Pump, Boiler, Geothermal, Solar)
- Easy installation
- Maximum robustness (titanium plates, Noryl-Polyamide envelope)
- 2 Versions available to adapt to all types of installation

	UN 35	UN 70	UN 120	UN 240
Unequipped model	W49UN35Ti	W49UN70Ti	W49UN120Ti	W49UN240Ti
	UP 35	UP 70	UP 120	UP 240
Preassembled model	W49UP35Ti	W49UP70Ti	W49UP120Ti	W49UP240Ti

Technical specifications	UN 35 / UP 35	UN 70 / UP 70	UN 120 / UP 120	UN 240 / UP 240
Power with primary at 90°C (kW)	35	70	120	240
Power with primary at 60°C (kW)	20	40	65	130
Power with primary at 45°C (kW)	13	25	31	57
Max. pressure	Service: 2b - test : 5b			
Max. admitted temperature	90°C	90°C	90°C	90°C
Electric power	Single phased 230 v / 50 Hz			
Weight (kg)	37	38	65	70
Connections				
PRIMARY heating	Ø 26/34	Ø 26/34	Ø 32/42	Ø 32/42
SECONDARY pool	PVC Ø 50	PVC Ø 50	PVC Ø 50	PVC Ø 50
Flows (m³/hr)				
PRIMARY heating	1,5	3,1	3,53	7,06
SECONDARY pool	1,5	3	4,16	8,32
Load loss (mCE)				
PRIMARY heating	1,6	1,7	2,19	2,7
SECONDARY pool	1,7	1,8	3,29	3,96

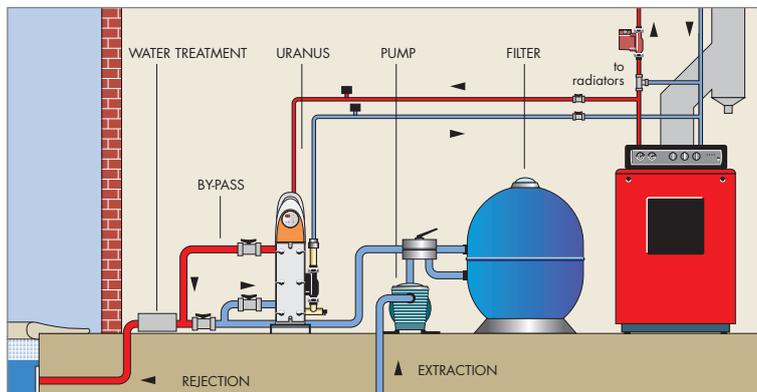


Uranus + Unequipped and preassembled



INSTALLATION

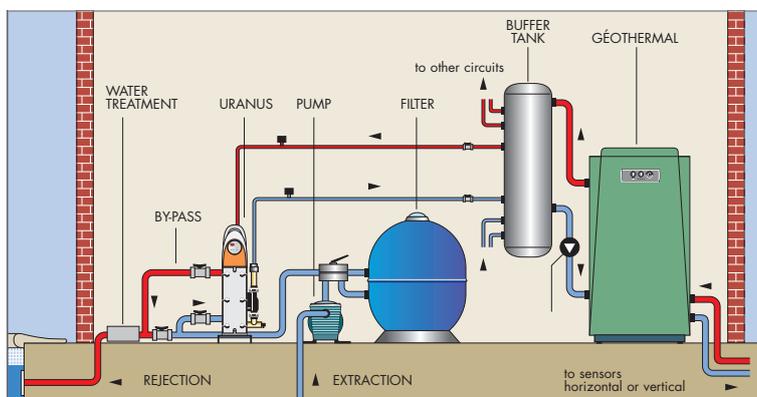
- In the technical facility close to the boiler, at the filtering outlet (plan a by-pass).
- Electric power single phase 230 Volts protected by a 30 mA ground fault circuit breaker (not supplied).
- Special cases: **exchanger powered using geothermal energy or a heat pump.** The exchanger must be sized depending on the pool heating needs, the specifications of exchangers with primary at 45°C or 60°C (see specifications table) and geothermal power. For a correct operation of the geothermal power we advise the installation of a buffer tank as shown in the diagram.



EQUIPMENT

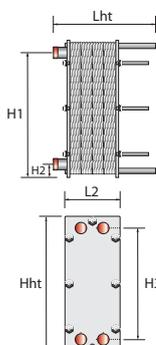
Uranus plus :

- Appliance completely assembled and wired.
- High performance **TITANIUM** plate exchanger.
- PRIMARY with adjustable accelerator 2 ¼ turn valves – 1 valve for male threading Ø 26/34 with Ø 20/22 for soldering.
- SECONDARY - PVC Ø 50.
- Digital display thermostat.
- Flow switch.
- Single phase 230 V cable with plug.
- Purge outlet.

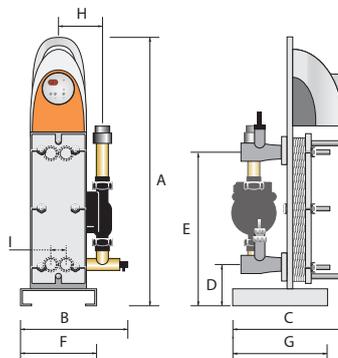


SIZE (in mm)

	UN 35-70	UN 120-240
Lht	200	257
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	72
H3	298	357



	UP 35-70	UP 120-240
A	760	830
B	285	342
C	365	450
D	115	125
E	415	485
F	250	250
G	200	450
H	114	139
I	50	62



DESCRIPTION

