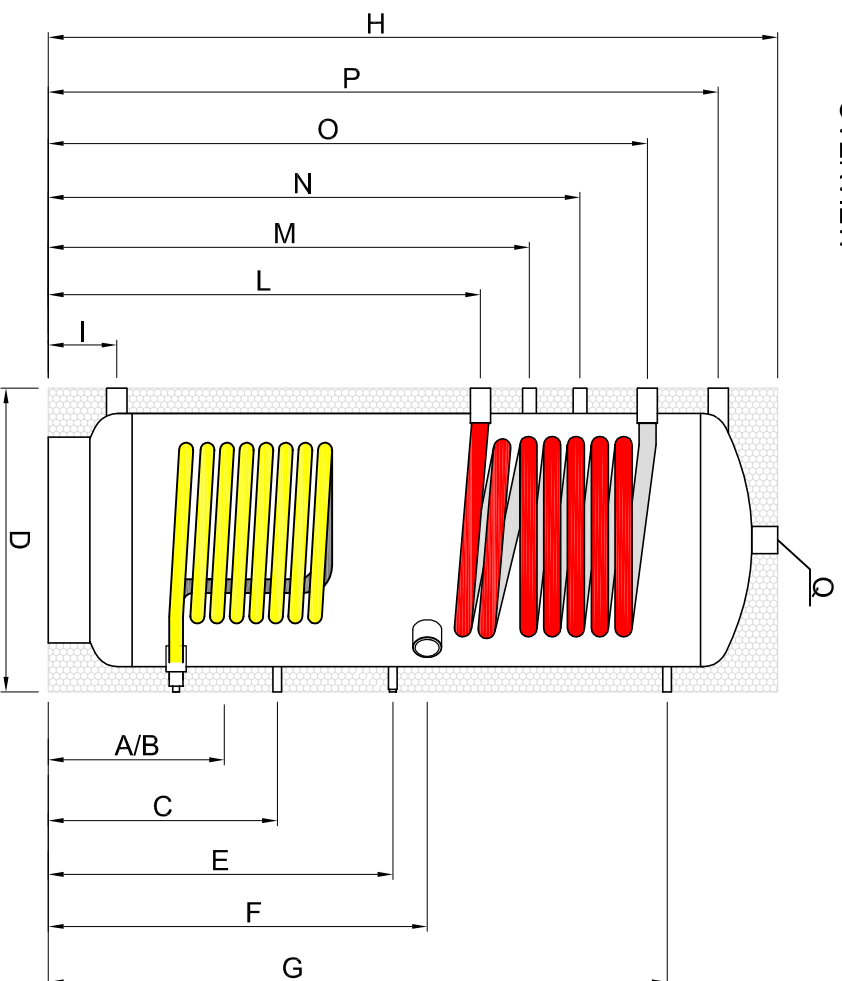
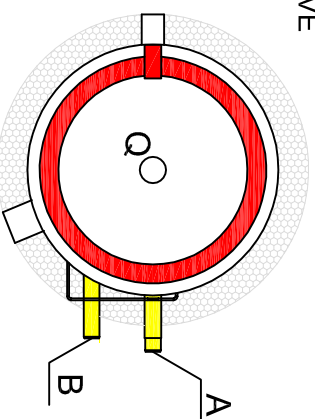


OVERVIEW



VIEW FROM ABOVE



TECHNICAL DATA PUMP	
WILLO YONOS PARA HU297.0	
	μm valvone
Power	W 3 - 45
Supply voltage	V 230
Frequency	Hz 50/60
Overcurrent	A 0.44
Maximum head	m 7.3
Solar attacks	mm Ø18

PERFORMANCE DATA

- Conditions of use 70-60-45-10 °C (supply boiler Sep accumulation -ACS-AFS)
- Maximum power greater exchanger 16,8 kW
- NL 1,6 (DIN4708 method)
- Initial Performance (10 minutes) 175 liters
- Continuous production (ACS = 45 ° C; AFS = 10 ° C) 412 l / h

SUPPLY KIT KETTLE

- Manual for the solar control instructions TR 501.
- Operating and maintenance instructions accumulation.
- Technical card accumulation.
- 1 PT1000 temperature probe wired.

TECHNICAL DATA

Accumulation tank able to cool the production of sanitary, hot water, internally glass lined in accordance with the German standard DIN 4753, specific for integration with combined boiler and solar thermal systems. The upper coil ensures an efficient process of heat transfer to the boiler. In the lower part of the accumulation tank is positioned the second coil specially designed to make the most of the thermal integration of the solar panels. The storage tank is manufactured with rigid polyurethane foam, non-removable, 50 mm thick, it formed directly, which gives the remarkable insulating capacity system. The Eco Compact system features compact Mowco solar panels, factory-installed on the accumulation, together with an electronic high efficiency pump Vito Yonos 4 Star H252 / 70. The solar station is equipped with: air separator with manual vent, safety unit, the manual air vent on the impeller of the pump, non-return valve, load and exhaust valves. The system is run by a solar controller with the inputs for temperature and control output PWM. The flow rate control is carried out automatically, without the help of the flow regulator. The Eco Compact system is supplied pre-wired at the factory. External finish in white and red upper thermomated PVC. Manufactured in accordance with ISO 9002. Warranty 5 years accumulation, two years for the control unit and the circulation pump.

VOLUME CYLINDER	[l]	228
CONTENTS UPPER EXCHANGER	[l]	5,0
CONTENTS SOLAR EXCHANGER	[l]	6,4
SURFACE UPPER EXCHANGER	[m²]	0,8
SURFACE SOLAR EXCHANGER	[m²]	1,0
EMPTY WEIGHT	[kg]	94
MAX PRESSURE UPPER EXCHANGER	[bar]	10
MAX PRESSURE SOLAR EXCHANGER	[bar]	10
MAX PRESSURE CYLINDER	[bar]	10
MAXIMUM TEMPERATURE OF WORKING	[°C]	95
INSULATION THICKNESS	[mm]	50
TYPING HEIGHT (including insulation)	[mm]	1485
A - OUTPUT EXCHANGE SOLAR (cold) - OUTSIDE THE COVER	[mm]	400
B - INPUT EXCHANGE SOLAR (hot) - OUTSIDE THE COVER	[mm]	360
C - SOLAR PROBE HOLDER COCKPIT	[mm]	452
D - DIAMETER WITH INSULATION (max overall)	[mm]	610
E - SCREW FOR FIXING CARTER	[mm]	680
F - SLEEVE FOR ELECTRICAL RESISTANCE	[mm]	730
G - PROBE HOLDER COCKPIT (factory wired not firm)	[mm]	1122
H - HEIGHT WITH INSULATION (max overall)	[mm]	1350
I - INLET COLD WATER HEALTH	[mm]	135
L - OUTPUT UPPER EXCHANGER	[mm]	790
M - PROBE HOLDER COCKPIT	[mm]	900
N - RECYCLING HEALTH	[mm]	1000
O - INPUT UPPER EXCHANGER	[mm]	1105
P - OUT SIDE HOT WATER	[mm]	1203
Q - ANODE MAGNESIUM (L = 700 mm)	[mm]	1320
ONDUCTIVITY THERMAL	[W/mK]	0,0202
HEAT LOSS ACCORDING EN 12897	[kWh/24h]	1,8

It is recommended to provide all around and above the kettle the space required for the connection operations and maintenance of the hydraulic connections and the temperature sensors, as well as for the control and replacement of the anode to the magnesium.

PLEION srl

SOLAR SYSTEMS AND ENERGY

DESCRIPTION:

Cylinder ECO COMPACT 200 for the accumulation and the production of sanitary hot water

This drawing is purely indicative and does not constitute any commitment or responsibility on the part of Pleion and/or employees.

The final design and subsequent implementation will be carried out in strict compliance with the laws in force.

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CLIENT:

SCHEME : data sheet	DATE :	DESIGNED :	CHECKED :
REVIEW : Version 1.1	01.04.16	E.L.	F. G.