

think **+P**

UNIQUE TECHNOLOGY
IN EUROPE

+PLEION[®]

SOLAR ENERGY SYSTEMS

**ECO
COMPACT**



**PLEION
EXCLUSIVE
RIGHT**



**CREATED
FOR ENERGY
SAVINGS**

CONSUMPTION? LESS THAN 10 EUROS YEAR

Energy savings that no one else
can provide

HOW TO CONTROL? DO IT ITSELF

Flow regulator is gone now
there is the self-control

INSTALLATION? DO IT ITSELF

The high-tech electronic control
allows the **automatic installation**

APPEARANCE ? UNIQUE IN DESIGN AND DETAILS

Components pre-installed
and pre-wired in the new Control Cover



ECO COMPACT

**THE NEW AGE ACCUMULATION HOT WATER
START HERE**

Pleion introduces **Eco Compact**, the most important innovation in recent years
in solar thermal market, the first in Europe.

With this product Pleion marks a breakthrough in the management concept of domestic
hot water.

Eco Compact was DESIGNED TO CUT ENERGY COSTS of each household.

It succeeds very well as it SAVES OVER 40% of energy.

Eco Compact has a DNA and an instinct devoted to the perfect management of
resources: it is able to regulate itself thanks to the latest generation of electronic circulator
programmed to understand at all times how to meet parameters requested.

Eco Compact is self-installing because from the first moment you will understand that it
is designed to make your life easier and to be more independent than any other device in
its class.

Eco Compact has every component ALREADY PRE-INSTALLED AND PRE-WIRED
inside the sleek line of his Control Cover. Technology is harmonically combined with
aesthetic.

First in Europe, **Eco Compact**, has reached this maximum work efficiency,
with the minimum energy cost.



NEW CONTROL COVER

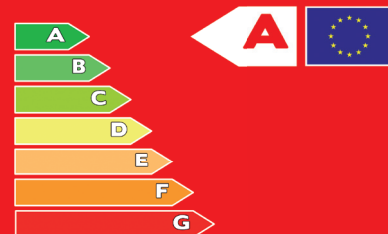
INSIDE, THE BEST OF INNOVATION

CONTROL AND ELECTRONIC COMPONENTS PERFECTLY
INTEGRATED IN THE CONTROL COVER

ELECTRONIC PUMP WITH HIGH EFFICIENCY CLASS "A"

- Extraordinary saving of costs
- Electric power modulating and variable
- Valves front for easy loading system
- Compact size and aesthetic care

28 kWh/year



COMPARISON

TRADITIONAL PUMP SOLAR SYSTEM

Average consumption = 210 kWh / year
Cost = 57 € / year

ELECTRONIC PUMP OF ECO COMPACT SOLAR SYSTEM

Average consumption = 28 kWh / year
Cost = 7 € / year

THECNICAL	u.m.	value
Nominal Power	W	37
Speed	rpm	800 - 4300
Energy consumption	W	3 - 45
Electricity	A	0,03 - 0,44

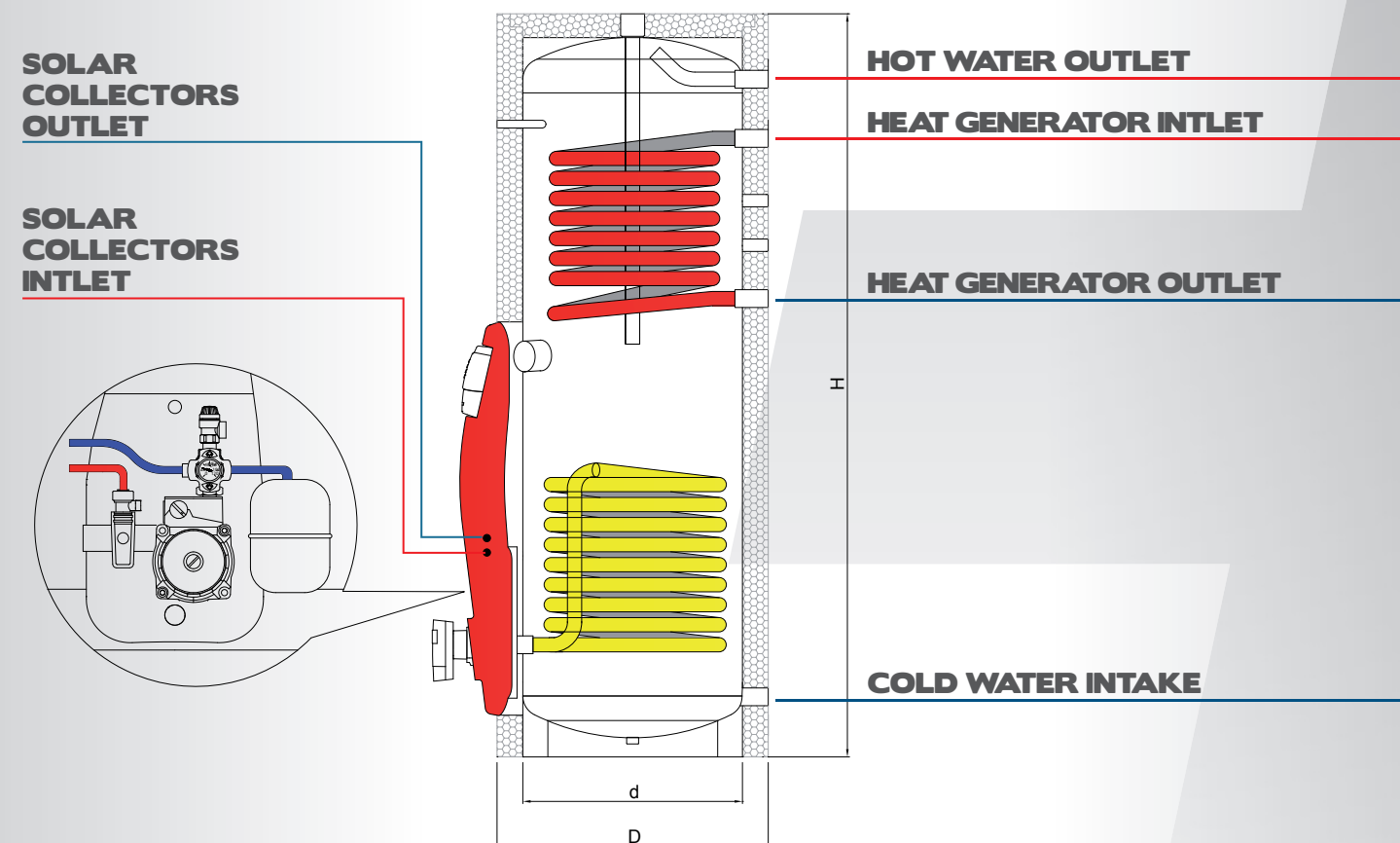
CYLINDER TECHNICAL DATA

Cylinder with double enamel coating according to DIN 4753, available in sizes 200-300-500 liters, two fixed coils, preparing electrical resistance of the central sleeve, rigid polyurethane foam insulation and finish with removable PVC outer white. Complete with two-way compact solar station with pump high efficiency, safety unit 6 bar with manometer, electronic, 3 PT1000 temperature, all fully assembled and wired in a casing made of ABS red.

TECHNICAL DATA	U.M.	ECO COMPACT 200	ECO COMPACT 300	ECO COMPACT 500
Water content	l	228	290	509
Total Height (H)	mm	1350	1670	1740
Diameter with insulation (D)	mm	610	610	760
Diameter without insulation (d)	mm	500	500	650
Insulation thickness	mm	55	55	55
Surface of the top fixed coil	m ²	0,8	1,0	1,4
Surface of the bottom fixed coil	m ²	1,0	1,5	2,1
Weight	kg	94	124	190
Power of the top fixed coil*	kW	16,8	21,0	29,3
NL	DIN 4708	1,6	2,2	4,0

* Hot Water Continuous production inlet temperature 10 ° C, 45 ° C output and boiler flow temperature 70 ° C

Cylinder pressure: 6,0 bar · Coils pressure: 10,0 bar · Max running temperature: 95°C



ITEM	DESCRIPTION
1030302111	Accumulo Eco Compact 200
1030303131	Accumulo Eco Compact 300
1030305141	Accumulo Eco Compact 500

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ECO COMPACT ENG - REV 07/11/2013

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PLEION S.r.l.

via Venezia, 11 - 37053 Cerea - Verona - Italy

tel. +39 0442.320295

fax +39 0442.327742

info@pleion.it

Visit our new website

www.pleion.it