

DHW PRODUCTION AND STORAGE TANKS

CORAL VITRO, tank for outdoor installation

This weather-resistant solar tank is specially designed for thermosiphon solar energy installations.

In this type of installation, that is normally fitted on roofs or patios of dwellings, the domestic hot water production and storage tank is installed horizontally next to solar collectors in which, by means of the thermosiphon effect of the solar fluid, heat exchange occurs in the storage tank through its double wall.

In conventional facilities most of the hot water accumulated in the tank during the day is lost at night but this tank presents innovative solutions in its design that makes it stand out from the rest.

The storage tank is totally insulated with rigid, mould-injected polyurethane foam, eccentrically fitted, which considerably increases its storage capacity in the horizontal position. This feature, together with another of its chief characteristics: the non-existence of thermal bridges between the storage tank and the attachment brackets, means that heat loss by conduction is avoided, making this product one of the tanks with greatest storage capacity on the market.

Covered with a special ABS-based product for outdoor facilities, the tank has useful slots on the sides to help in handling and positioning.

Special attention has also been paid to the shape of the storage tank – its dimensions adapt to the widths of solar collectors to give these facilities an aesthetically attractive appearance.

VITRIFIED STEEL

SOLAR TANK FOR OUTDOOR INSTALLATION, RANGE CV

Tanks for the production and storage of domestic hot water, specially designed for horizontal outdoor thermosiphon solar installations.

Made in **vitrified steel** acc. to DIN 4753 with double-wall casing as an indirect heating system.

200 and 300-litre capacities

With special ABS-based coating for outdoor.

System of adjustable aluminium brackets for attachment to any type of frame, within the total length of the storage tank, without thermal bridges.

With slots at the ends for easy handling of the storage tank.

Eccentrically insulated with CFC-free, mould-injected, rigid polyurethane foam for optimum storage capacity.

Ready to be fitted with a backup heating element and temperature setting (option).

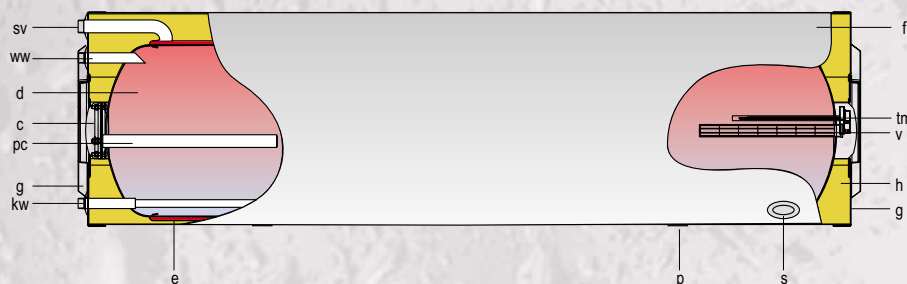
Optional supply: Kit comprising a ceramic element (1.5 Kw, 230 V, setting and safety thermostat, protective cover, wiring and wall bushing).



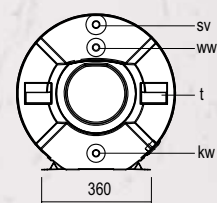
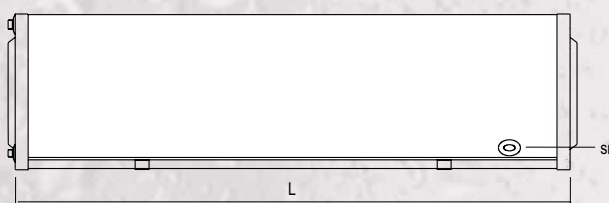
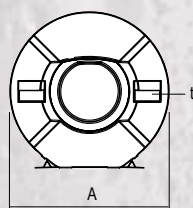
Product specially designed for the production of DHW using **SOLAR ENERGY**.

Common data

Maximum temperature of DHW	°C	90
Maximum temperature, heating circuit	°C	110
Maximum pressure in DHW tank	bar	8
Maximum pressure in heating circuit	bar	1



- c- Inspection port
- d- DHW storage tank
- e- Casing
- f- External lining
- g- Side covers
- h- Thermal insulation
- p- Attachment brackets
- tm- Probe tube for sensors
- v- Sheath for optional heating element
- t- Slots for handling

**Connections / Dimensions**

		CV-200-H	CV-300-H
DHW storage capacity	l.	200	300
Primary circuit capacity	l.	16	24
Heat exchange surface	m ²	1,6	2,4
Empty weight (approx.)	kg.	95	135
kw: Cold water inlet	"GAS/M	3/4	3/4
ww: DHW outlet	"GAS/M	3/4	3/4
sv: Primary circuit inlet	"GAS/M	1	1
sr: Primary circuit return	"GAS/F	1	1
Dimension A: external diameter	mm.	570	570
Dimension B: total length	mm.	1460	2000
Heating element power (optional)	kW (230V)	1,5	1,5

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