

# DHW PRODUCTION AND STORAGE TANKS

## CORAL VITRO, COLLECTIVE DISTRIBUTED SOLAR



**DHW TANK GLASS LINED ACCORDING TO DIN 4753 T3.** Glass lining is the only coating process which guarantees perfect impermeability and resistance.

**RENEWABLE ENERGY.** Application with solar panels.

**PEU ENCOMBRANT.** Ces ballons ECS peuvent se mettre facilement dans une armoire.

**SOLAR COIL REACHES BOTTOM OF THE TANK.**

**HIGH PERFORMANCE INSULATION GUARANTEED.** Rigid polyurethane foam CFC free 0.025 w/m °k (for example a GX600P.I losses 0.18°c/h).

VITRIFIED STEEL

Technical characteristics		
Max. temperature DHW / primary circuit	°C	90/200
Max. pressure DHW tank / primary circuit	bars	8/25



Product designed for the production of DHW WITH COLLECTIVE SOLAR ENERGY

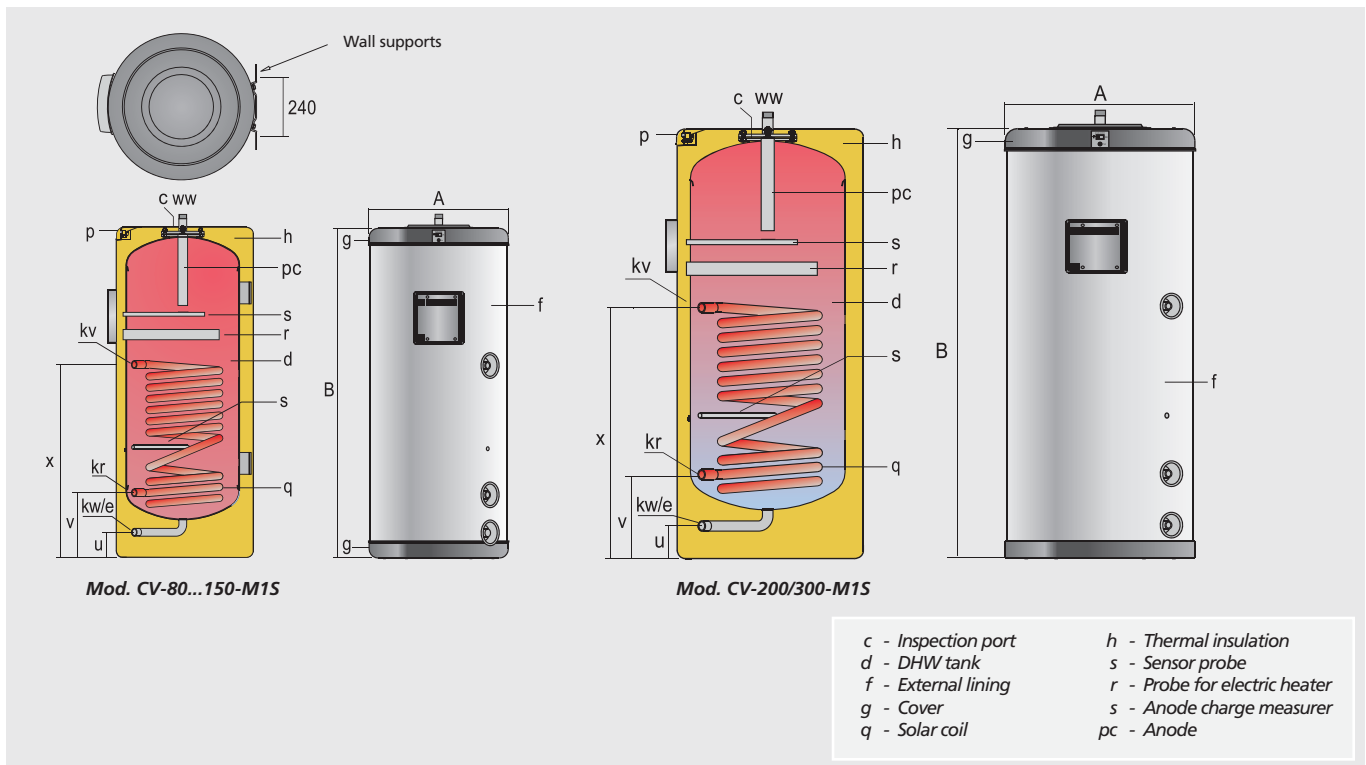


### DHW PRODUCTION AND STORAGE WITH SOLAR COIL (CV SERIES)

- DHW capacity: 80, 110, 150, 200 and 300 litres.
- DHW tank glass lined according to DIN 4753 with solar coil.
- High performance insulation guaranteed rigid polyurethane foam CFC free 0.025 w/m °k.
- Cathodic protection with magnesium anodes.
- RAL9016 white jacket and RAL7035 grey covers.
- 1 top inspection opening.
- Wall installation (80, 110 and 150 litres) / Vertical floor installation (80, 110, 150, 200 and 300 l.)
- Optional KR CER ceramic electric heater with safety and regulation thermostat included.
- Optional titanium permanent cathodic protection CORREX UP.

### Electric heating

Electric heaters compatible	Setting	kW/V	PHASE	CV-80-M1S	CV-110-M1S	CV-150-M1S	CV-200-M1S	CV-300-M1S
KRCER-15	Pocket at top part of tank	1,5/230	Mono	X	X	X	X	X



Characteristics / Connections / Dimensions		CV-80-M1S	CV-110-M1S	CV-150-M1S	CV-200-M1S	CV-300-M1S
DHW capacity	Litres	80	110	150	200	300
Surface échangeur solaire	m <sup>2</sup>	0,3	0,5	0,6	0,8	1,3
Heat loss rate	Wh/24h.l.K	0,30	0,29	0,27	0,18	0,16
Empty weight approx.	kg	40	45	60	65	75
kw, e: Cold water inlet / Drainage	"GAS/M"	3/4	3/4	3/4	1	1
ww: Hot water outlet	"GAS/M"	3/4	3/4	3/4	1	1
kv, kr: Coil connections	"GAS/F"	1/2	1/2	1/2	1/2	1/2
Dimension A: Diametre	mm	480	480	560	620	620
Dimension B: Total height	mm	935	1155	1260	1207	1685
KW solar coil - Flow through coil*	kW - m <sup>3</sup> /h	12 - 1	17 - 1	21 - 1	25 - 1	31 - 1

\* Secondary circuit water rise: 10-45°C / Incoming temperature to coil: 90°C.