

DHW PRODUCTION AND STORAGE TANKS

CORAL VITRO, STORAGE



VITRIFIED STEEL

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

ENERGY SAVING. High performance insulation guaranteed with 80mm rigid polyurethane CFC free foam 0.026 w/m °k (example a 300 litres will lose 0,1°C/h).

ANTILEGIONELLA DESIGNED COIL, which reaches the very bottom of the tank avoiding cold zones.

EASY MAINTENANCE 2 access for cleaning and maintenance. 1 top 1 on the side.

PASSES THROUGH 800 mm wide doors thanks to its pre-cutted insulation.

LONG LIFE IMMERSION HEATERS made in INCOLOY825 with low density of charge.

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



BALLON STOCKAGE E.C.S (série CV)

- DHW tank in glass lined steel according to DIN 4753.
- Factory Insulated with high performance hard foam mould injected CFC and HCFC free polyurethane foam. 0.025 W/m°K.
- Magnesium cathodic protection with charge measurer as standard.
- RAL9016 white PU jacket.
- S control panel with temperature gauge.
- Vertical floor installation.
- Detachable precutted insulation sides to allow the tank go through 800 mm wide doors.
- Optional - TD control panel: Thermometer and safety and regulation thermostat + summer/winter switch.
- Optional - TPA control panel: Thermometer and safety and regulation thermostat + summer/winter switch and analogic programmer.
- Optional - Lapesa CORREX UP maintenance free electric Titanium cathodic protection.

Mod. R

- DHW capacity: 200, 300, 500, 800, 1000 and 1500 litres.
- 2 access holes; 1 at the top of the calorifier and one on the side.
- Optional Electric immersion heater KRB in Incoloy 825 to be fitted on the side inspection flange.

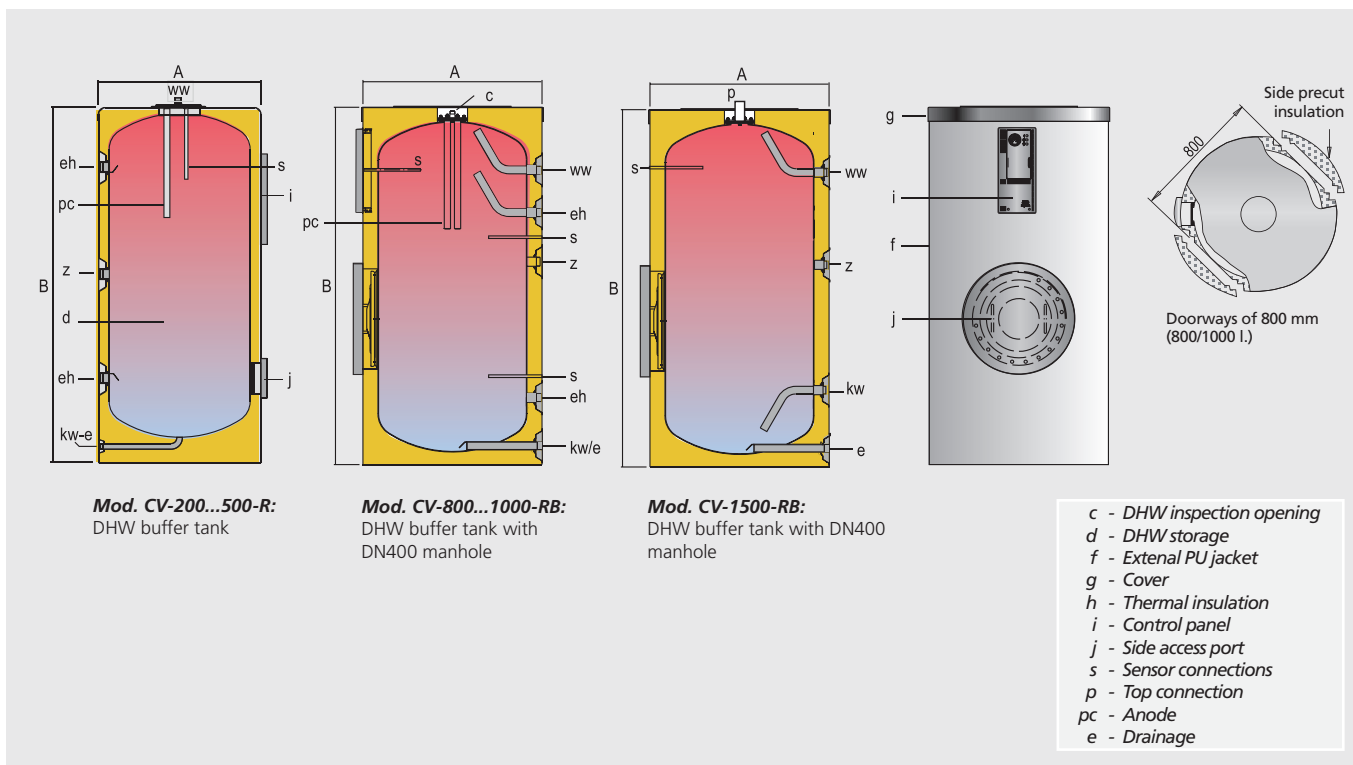
Mod. RB

- DHW capacity: 800, 1000 and 1500 litres.
- 2 access - DN400 side manhole + 1 access flange at the top of the tank.
- Optional KRA3/2 electric immersion heater in Incoloy 825 to be fitted on a 1-1/2" threaded connection at the top of the tank.
- Optional DN400 flange with 2" connections for several immersion heaters see page 38.

Electric heating

Compatible electric heater	Setting	kW/V	PHASE	CV-200 R	CV-300 R	CV-500 R	CV-800 R	CV-800 RB*	CV-1000 R	CV-1000 RB*	CV-1500 RB*
KRA3/2-25	1,5" side connection	2,5/230	Mono					X		X	
KRA3/2-50	1,5" side connection	5/230-400	Mono/Tri					X		X	
KRB-25CV	Side access flange	2,5/230-400	Mono/Tri	X	X	X	X		X		
KRB-50CV	Side access flange	5/230-400	Mono/Tri	X	X	X	X		X		
KRB-75CV	Side access flange	7,5/230-400	Mono/Tri	X	X	X	X		X		
KRB-100CV	Side access flange	10/230-400	Mono/Tri			X	X		X		

*RB models can accommodate a DN400 flange to which several immersion heaters can be added. Please consult with us for more details.



Characteristics / Connections / Dimensions		CV-200-R	CV-300-R	CV-500-R	CV-800-R/RB*	CV-1000-R/RB*	CV-1500-R/RB*
DHW capacity	litres	200	300	500	800	1000	1500
Heat loss rate	Wh/24h.l.K	0,18	0,16	0,13	0,11	0,09	0,07
Empty weight approx.	kg	70	90	130	170	200	343
kw, e: Cold water inlet / Drainage	"GAS/M"	1	1	1	1-1/4	1-1/4	1-1/2
ww: Hot water outlet	"GAS/M"	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2
z: DHW recirculation	"GAS"	1-1/4M	1-1/4M	1-1/4M	1-1/2F	1-1/2F	1-1/2M
eh: Side connection	"GAS/M"	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2	2
R: Side connection	"GAS/M"	-	-	-	1-1/2	1-1/2	2
s: Sensor connections	"GAS/M"	3/4	3/4	3/4	3/4	3/4	3/4
p: Top connection		-	-	-	-	-	1-1/2
Dimension A: Diameter	mm	620	620	770	950**	950**	1160
Dimension B: Total height	mm	1205	1685	1690	1840	2250	2320

*RB model with DN400 manhole. R model with side inspection opening.

** 800 and 1000 litres pass through 800 mm wide doors thanks to its pre cutted detachable insulation.