



# Serie CMS/CDS

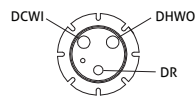
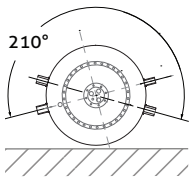
500-1500

BOLLITORI COMBINATI TANK-IN-TANK  
COMBINED TANK-IN-TANK BOILERS



- ▶ Bollitore tank-in-tank in acciaio al carbonio  
Combined carbon steel tank
- ▶ Trattamento di vetrificazione liquida a 850 °C (DIN 4753)  
Double internal vitrification treatment at 850 °C (DIN 4753)
- ▶ Sistema completo di protezione catodica (DIN 12438)  
System equipped with cathodic protection (DIN 12438)
- ▶ Design anti-batterico per il riscaldamento ACS  
Antibacterial design for DHW heating
- ▶ Disponibile con uno (CMS) o due (CDS) serpentine  
Available with one (CMS) or two (CDS) coils
- ▶ Rivestimento in PVC effetto cuoio  
PVC cover with leather effect
- ▶ Garanzia di 5 anni  
5-years Warranty

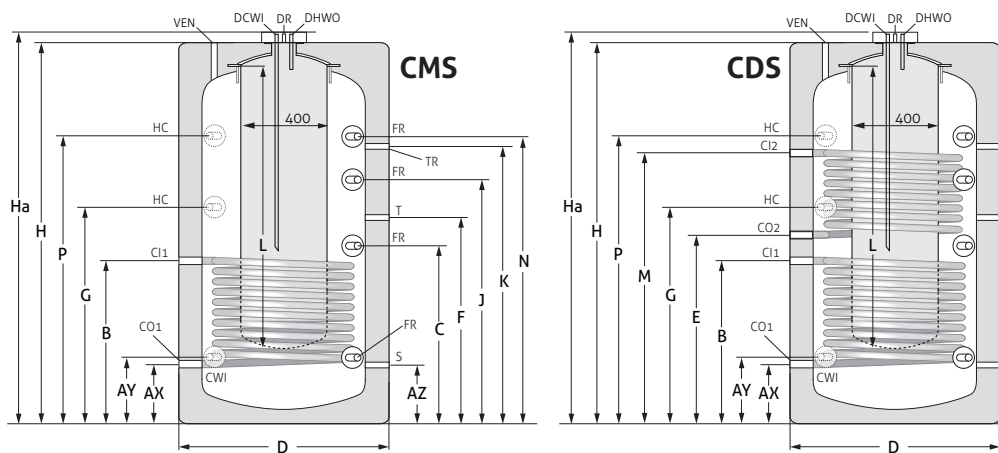
## DIMENSIONI [mm] DIMENSIONS



DHWO: Uscita Acqua Calda Sanitaria  
[1"] Domestic Hot Water Outlet

DCWI: Ingresso Acqua Fredda Sanitaria  
[1"] Domestic Cold Water Inlet

DWR: Ricircolo Acqua Sanitaria  
[3/4"] Domestic Water Recirculation



Quote / Dimensions	CMS	CDS	CMS	CDS	CMS	CDS	CMS	CDS	
	500		750		1000		1500		
<b>AX</b> Uscita Serp. Inferiore - CO1 / Lower Coil Outlet	251	[1"]	282	[1"]	312	[1"]	340	[1"]	
<b>AY</b> Ingresso Acqua Fredda - CWI / Cold Water Inlet	251	[1"]	282	[1"]	312	[1"]	403	[1"]	
<b>AY</b> Connessione libera - FR / Free Connection	251	[1"1/2]	282	[1"1/2]	312	[1"1/2]	403	[3"]	
<b>AZ</b> Sensore - S / Sensor	251	[1/2"]	282	[1/2"]	312	[1/2"]	372	[1/2"]	
<b>B</b> Entrata Serp. Inferiore - CI1 / Lower Coil Inlet	766	[1"]	797	[1"]	932	[1"]	955	[1"]	
<b>C</b> Connessione libera - FR / Free Connection	826	[1"1/2]	857	[1"1/2]	992	[1"1/2]	1030	[3"]	
<b>D</b> Diametro Esterno Ø / External Diameter Ø	840		1000		1000		1300		
<b>E</b> Uscita Serp. Superiore - CO1 / Upper Coil Outlet	-	886	[1"]	-	917	[1"]	-	1075	[1"]
<b>F</b> Termostato - T / Thermostat	986	[1/2"]	1017	[1/2"]	1227	[1/2"]	1265	[1/2"]	
<b>G</b> Connessione Caldaia - HC / Heater Connection	951	[1"1/2]	982	[1"1/2]	1142	[1"1/2]	1180	[3"]	
<b>H</b> Altezza / Height	1822		1874		2124		2188		
<b>Ha</b> Altezza Totale / Total Height	1862		1914		2164		2228		
<b>J</b> Connessione libera - FR / Free Connection	1136	[1"1/2]	1167	[1"1/2]	1347	[1"1/2]	1385	[3"]	
<b>K</b> Termometro - TR / Thermometer	1291	[1/2"]	1322	[1/2"]	1522	[1/2"]	1560	[1/2"]	
<b>L</b> Lunghezza Serb. ACS / HDW Tank Length	1220		1470		1470		1470		
<b>M</b> Entrata Serp. Superiore - CI2 / Upper Coil Inlet	-	1291	[1"]	-	1322	[1"]	-	1560	[1"]
<b>N</b> Connessione libera - FR / Free Connection	1341	[1"1/2]	1372	[1"1/2]	1652	[1"1/2]	1637	[1"1/2]	
<b>P</b> Connessione Caldaia - HC / Heater Connection	1401	[1"1/2]	1432	[1"1/2]	1672	[1"1/2]	1690	[1"1/2]	



## SPECIFICHE TECNICHE TECHNICAL SPECIFICATIONS

### SERBATOIO ACS / HDW TANK:

**MATERIALE:** Acciaio al carbonio secondo EN 10130, spessore lamiera 2.5. Saldatura automatica MAG.  
**MATERIAL:** Carbon steel according to EN 10130, sheet thickness 2.5. Automatic MAG welding.

**PROTEZIONE ANTI-CORROSIONE:** Trattamento di vetrificazione liquida a 850 °C, secondo DIN 4753, e anodo di magnesio (EN 12438).  
**ANTI-CORROSION PROTECTION:** Liquid enameling treatment at 850°C, according to DIN 4753, and magnesium anode (EN 12438).

**PRESSIONE MAX. OPERATIVA / MAX. WORKING PRESSURE:** 6 bar  
**PRESSIONE MAX. COLLAUDO / MAX. TEST PRESSURE:** 8 bar  
**TEMPERATURA MAX. OPERATIVA / MAX. WORKING TEMPERATURE:** 95 °C  
**DIAMETRO FLANGIA / FLANGE DIAMETER:** Ø 170 mm

### SERBATOIO RISCALDAMENTO / HEATING TANK:

**MATERIALE:** Acciaio al carbonio secondo EN 10130, spessore lamiera 2.5÷4 mm a seconda della taglia. Saldatura automatica MAG.  
**MATERIAL:** Carbon steel according to EN 10130, sheet thickness 2.5÷4 mm depending on the size. Automatic MAG welding.

**PRESSIONE MAX. OPERATIVA / MAX. WORKING PRESSURE:** 10 bar  
**PRESSIONE MAX. COLLAUDO / MAX. TEST PRESSURE:** 15 bar  
**TEMPERATURA MAX. OPERATIVA / MAX. WORKING TEMPERATURE:** 95 °C  
**DIAMETRO FLANGIA / FLANGE DIAMETER:** Ø 508 mm

### SERPENTINI / COILS:

**MATERIALE:** Tubo in acciaio 1", DC-01.  
**MATERIAL:** Steel pipe 1", DC-01.

**PRESSIONE MAX. OPERATIVA / MAX. WORKING PRESSURE:** 15 bar  
**PRESSIONE MAX. COLLAUDO / MAX. TEST PRESSURE:** 25 bar  
**TEMPERATURA MAX. OPERATIVA / MAX. WORKING TEMPERATURE:** 130 °C

### ISOLAZIONE / INSULATION:

**MATERIALE:** Schiuma di poliuretano flessibile e rimovibile, densità 20 kg/m<sup>3</sup>, spessore 100 mm.  
**MATERIAL:** Flexible and removable polyurethane foam, density 20 kg/m<sup>3</sup>, thickness 100 mm.

### RIVESTIMENTO / COVER:

**MATERIALE:** PVC morbido con effetto cuoio, colore rosso.  
**MATERIAL:** Soft red-coloured PVC with leather effect.

Versione Version	Numero Serpentine Number of Coils	Altezza Totale Total Height	Diametro Esterno External Diameter	Capacità Serb. Risc. Heating Tank Capacity	Capacità Serb. ACS DHW Tank Capacity	Capacità Serp. Inferiore Lower Coil Capacity	Capacità Serp. Superiore Upper Coil Capacity	Area Serp. Inferiore Lower Coil Area	Area Serp. Superiore Upper Coil Area	Spessore Isolamento Insulation Thickness	Spessore Serb. Risc. Storage Tank Thickness	Peso a vuoto Empty Weight	Codice Prodotto Product Code	Prezzo (IVA escl.) Price (VAT excl.)
		m	m	L	L	L	L	m <sup>2</sup>	m <sup>2</sup>	mm	mm	kg		
<b>CMS 500</b>	1	1.85	0.84	300	160	14.54	-	2.28	-	100	2.5	173	BK.500	
<b>CMS 750</b>	1	1.92	1.00	553	170	16.52	-	2.59	-	100	3.0	201	BK.750	
<b>CMS 1000</b>	1	2.17	1.00	670	170	19.83	-	3.11	-	100	3.0	246	BK.1000	
<b>CMS 1500</b>	1	2.23	1.30	1430	170	21.15	-	3.31	-	100	4.0	358	BK.1500	
<b>CDS 500</b>	2	1.85	0.84	283	160	14.54	14.54	2.28	2.28	100	2.5	205	BK2.500	
<b>CDS 750</b>	2	1.92	1.00	518	170	16.52	16.52	2.59	2.59	100	3.0	236	BK2.750	
<b>CDS 1000</b>	2	2.17	1.00	656	170	19.83	19.83	3.11	3.11	100	3.0	278	BK2.1000	
<b>CDS 1500</b>	2	2.23	1.30	1406	170	21.15	21.15	3.31	3.31	100	4.0	403	BK2.1500	