

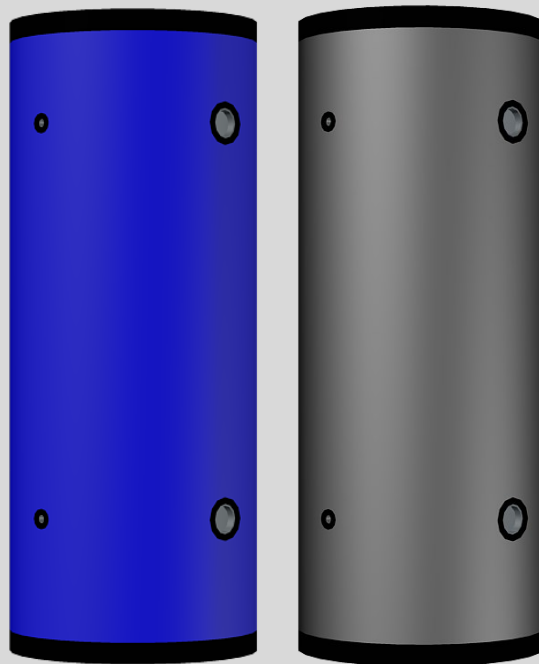
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SCAMBIATORI - BOLLITORI - SERBATOI



VT-X



CHILLED WATER STORAGE TANK
MADE OF STAINLESS STEEL 316L

Chilled water storage tank designed to increase the thermal inertia in air conditioning systems..

The anti-condensation insulation made of hard foam polyurethane injected of closed cell elastomer foam, ensure minimum cold dissipation and allows reduced temperature variations of the stored water. This will result in a reduced number of chiller start-up and consequent saving of operating costs.

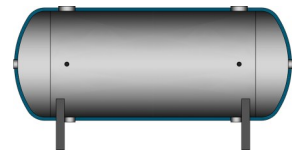
This series is manufactured in Stainless Steel AISI 316L for the most demanding applications.

The outer cladding can be both in PVC for indoor installation or aluminium for indoor & outdoor installation.

CONSTRUCTION



VT-XE



VT-0X

TANK MATERIAL	Stainless Steel AISI 316L	Stainless Steel AISI 316L
INTERNAL SURFACE TREATMENT	—	—
EXTERNAL SURFACE TREATMENT	Pickling	Pickling
CAPACITY	100 ÷ 5000 L	100 ÷ 5000 L
VERSION	Vertical	Horizontal
CONNECTIONS TYPE	Threaded	Threaded
INSULATION 100 ÷ 5000 L	Closed cell elastomer foam 20 mm	Closed cell elastomer foam 20 mm
CLADDING	<ul style="list-style-type: none"> • PVC Blue RAL5015 • Aluminium 	<ul style="list-style-type: none"> • PVC Blue RAL5015 • Aluminium

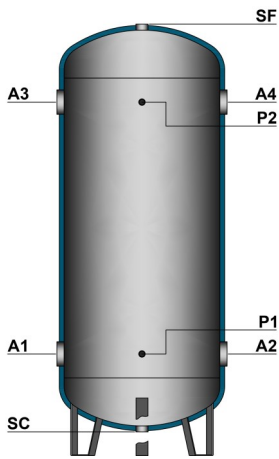
WORKING CONDITIONS

	Capacity	100	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
Tank working pressure	bar	ATM÷10	ATM÷10	ATM÷10	ATM÷8	ATM÷8	ATM÷8	ATM÷8	ATM÷8	ATM÷8	ATM÷6	ATM÷6	ATM÷6
Tank working temperature	°C	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65	-10 ÷ 65

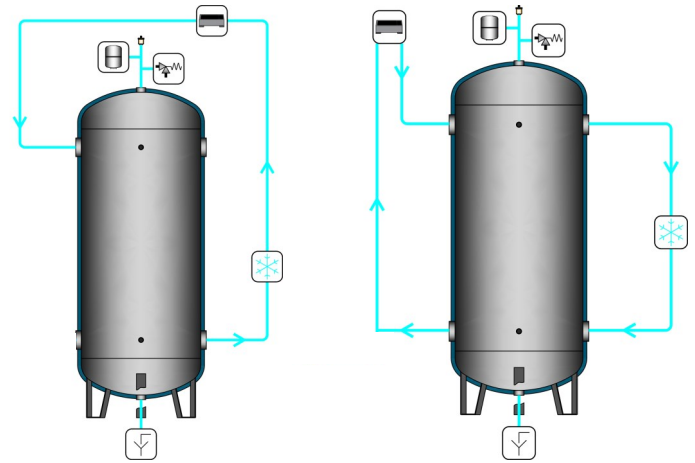
REGULATORY COMPLIANCE

European Pressure Equipment Directive (PED) 2014/68/UE | Sound Engineering Practice - excluded from CE marking - Art. 4.3

Cooke Industries - Phone: +64 9 579 2185 Email: sales@cookeindustries.co.nz Web: www.cookeindustries.co.nz

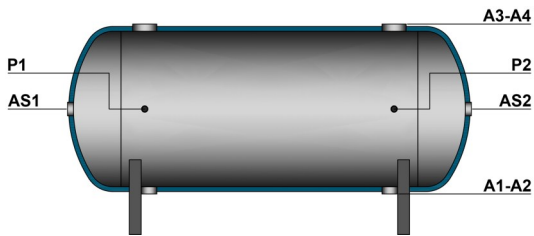


IPOTESI DI INSTALLAZIONE

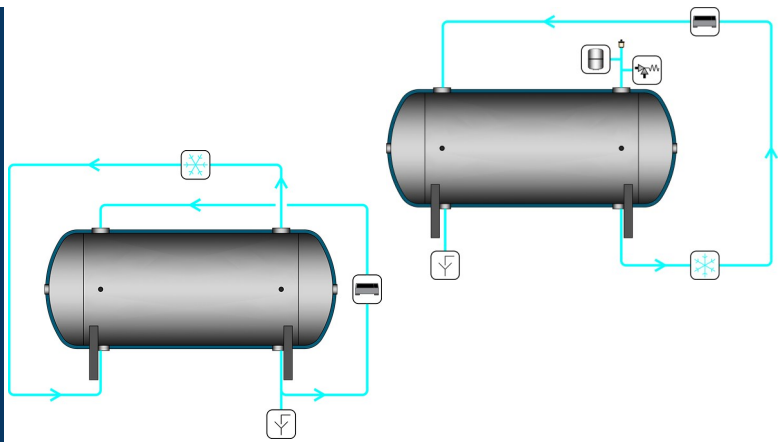


GENERAL CHARACTERISTICS VT-XE - VERTICAL VERSION

	Capacity	100	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
DIMENSIONS													
Ø w/o insulation	mm	400	450	550	650	800	800	1000	1200	1200	1250	1400	1600
Ø w/insulation	mm	440	490	590	690	840	840	1040	1240	1240	1290	1440	1640
Overall height	mm	1057	1468	1508	1799	1875	2125	2169	2239	2565	2750	2845	2915
Overturning height	mm	1068	1477	1519	1811	1893	2141	2200	2289	2600	2777	2893	3004
CONNECTIONS													
A1-A2 Inlet/Outlet	mm Ø	377 1 1/4"	393 2"	408 2 1/2"	424 3"	460 3"	460 3"	500 3"	524 3"	550 3"	565 4"	600 4"	660 4"
A3-A4 Inlet/Outlet	mm Ø	802 1 1/4"	1193 2"	1208 2 1/2"	1474 3"	1510 3"	1760 3"	1800 3"	1824 3"	2150 3"	2325 4"	2360 4"	2420 4"
P1 Sensor	mm Ø	377 1/2"	393 1/2"	408 1/2"	424 1/2"	460 1/2"	460 1/2"	500 1/2"	524 1/2"	550 1/2"	565 1/2"	600 1/2"	660 1/2"
P2 Sensor	mm Ø	802 1/2"	1193 1/2"	1208 1/2"	1474 1/2"	1510 1/2"	1760 1/2"	1800 1/2"	1824 1/2"	2150 1/2"	2325 1/2"	2360 1/2"	2420 1/2"
SF Air vent	mm Ø	1057 1 1/4"	1468 1 1/4"	1508 1 1/4"	1799 1 1/4"	1875 1 1/4"	2125 1 1/4"	2169 1 1/4"	2239 1 1/4"	2565 1 1/4"	2765 1 1/4"	2825 1 1/4"	2935 1 1/4"
SC Drain	mm Ø	122 1 1/4"	118 1 1/4"	108 1 1/4"	99 1 1/4"	95 1 1/4"	95 1 1/4"	130 1 1/4"	109 1 1/4"	135 1 1/4"	125 2"	115 2"	145 2"
EMPTY WEIGHT													
Empty weight	kg	45	55	60	85	125	135	215	260	285	340	380	535



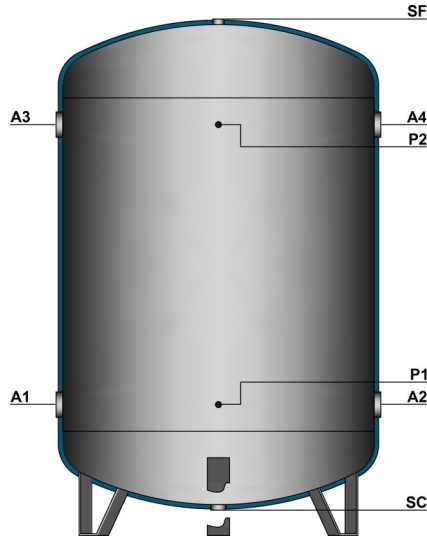
IPOTESI DI INSTALLAZIONE



GENERAL CHARACTERISTICS VT-OX - HORIZONTAL VERSION

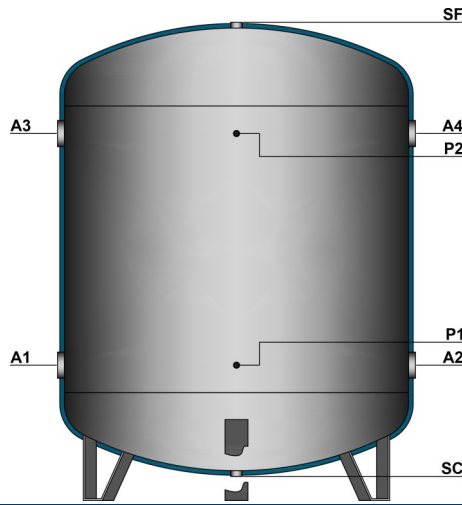
	Capacity	100	200	300	500	800	1000	1500	2000	2500	3000	4000	5000
DIMENSIONS													
Ø w/o insulation	mm	400	450	550	650	800	800	1000	1200	1200	1250	1400	1600
Ø w/insulation	mm	440	490	590	690	840	840	1040	1240	1240	1290	1440	1640
Overall height	mm	576	624	781	880	1021	1021	1231	1419	1419	1521	1661	1852
Overturning height	mm	935	1350	1400	1700	1780	2030	2040	2128	2431	2621	2710	2770
CONNECTIONS													
A1-A2 Inlet/Outlet	mm Ø	126 1 1/4"	124 2"	181 2 1/2"	170 3"	161 3"	161 3"	171 3"	159 3"	159 3"	211 4"	201 4"	192 4"
A3-A4 Inlet/Outlet	mm Ø	576 1 1/4"	624 2"	781 2 1/2"	880 3"	1021 3"	1021 3"	1231 3"	1419 3"	1419 3"	1521 4"	1661 4"	1852 4"
P1-P2 Sensor	mm Ø	351 1/2"	374 1/2"	481 1/2"	525 1/2"	591 1/2"	591 1/2"	701 1/2"	789 1/2"	789 1/2"	866 1/2"	931 1/2"	1022 1/2"
AS1-AS2 Spare	mm Ø	351 1 1/4"	374 1 1/4"	481 1 1/4"	525 1 1/4"	591 1 1/4"	591 1 1/4"	701 1 1/4"	789 1 1/4"	789 1 1/4"	866 1 1/4"	931 1 1/4"	1022 1 1/4"
EMPTY WEIGHT													
Empty weight	kg	45	55	60	85	125	135	215	260	285	340	380	535

Note: All the measurements of the connections are considered "from the ground" - The threads are female GAS type (unless otherwise specified). The products higher than 2200mm will be packaged horizontally. In this case, should the cladding be Aluminium type, it will come disassembled to avoid transportation damages. The proposed diagrams are purely by way of example.



GENERAL CHARACTERISTICS VT-XR - VERTICAL-LOW VERSION

	Capacity	1500	2000	2500	3000	4000	5000
DIMENSIONS							
Diameter without insulation	mm	1100	1250	1400	1400	1600	1800
Diameter with insulation	mm	1140	1290	1440	1440	1640	1840
Overall height	mm	1920	1977	2074	2324	2415	2457
Overturning height	mm	1973	2051	2176	2399	2527	2607
CONNECTIONS							
A1-A2 Inlet/Outlet	mm Ø	495 3"	512 3"	569 3"	589 4"	650 4"	661 4"
A3-A4 Inlet/Outlet	mm Ø	1545 3"	1562 3"	1619 3"	1849 4"	1910 4"	1921 4"
P1 Sensor	mm Ø	495 ½"	512 ½"	569 ½"	589 ½"	650 ½"	661 ½"
P2 Sensor	mm Ø	1545 ½"	1562 ½"	1619 ½"	1849 ½"	1910 ½"	1921 ½"
SF Air vent	mm Ø	1920 1"¼	1977 1"¼	2074 1"¼	2324 1"¼	2415 1"¼	2457 1"¼
SC Drain	mm Ø	123 1"¼	102 1"¼	114 1"¼	114 2"	145 2"	125 2"
EMPTY WEIGHT							
Empty weight	kg	215	250	365	405	475	635



GENERAL CHARACTERISTICS VT-XX - VERTICAL EXTRA-LOW VERSION

	Capacity	3000	4000	5000
DIMENSIONS				
Diameter without insulation	mm	1500	1700	2000
Diameter with insulation	mm	1540	1740	2040
Overall height	mm	2085	2175	2047
Overturning height	mm	2210	2338	2332
CONNECTIONS				
A1-A2 Inlet/Outlet	mm Ø	590 4"	650 4"	696 4"
A3-A4 Inlet/Outlet	mm Ø	1600 4"	1666 4"	1456 4"
P1 Sensor	mm Ø	590 ½"	650 ½"	696 ½"
P2 Sensor	mm Ø	1600 ½"	1666 ½"	1456 ½"
SF Air vent	mm Ø	2085 1"¼	2175 1"¼	2047 1"¼
SC Drain	mm Ø	105 2"	135 2"	105 2"
EMPTY WEIGHT				
Empty weight	kg	400	540	630

Note: All the measurements of the connections are considered "from the ground" - The threads are female GAS type (unless otherwise specified)
 The products higher than 2200mm will be packaged horizontally. In this case, should the cladding be Aluminium type, it will come disassembled to avoid transportation damages.

CHILLED WATER STORAGE TANK MADE OF STAINLESS STEEL 316L

HOW TO ORDER

V → Vertical
O → Horizontal
R → Vertical-LOW
X → Vertical EXTRA-LOW

6 → 6 bar
8 → 8 bar
0 → 10 bar

VT - V 8 X E B / 0200

A → Aluminium cladding
B → PVC cladding

Capacity - L

ACCESSORIES & SPARE PARTS

ITEM

PART NO.

PROBE SOCKET Ø½" | L=50 mm | Ø_{int} 10 mm

POZZETTO_S



SHORT PROBE SOCKET

PROBE SOCKET Ø½" | L=150 mm | Ø_{int} 10 mm

POZZETTO_L



LONG PROBE SOCKET

ANTI-CORROSION PROTECTION STEEL TREATMENT

PROTECTIVE TREATMENTS FOR STAINLESS STEEL TANKS

Pickling

Tanks made of Stainless Steel 316L are treated with full immersion pickling procedures

INSULATIONS

Insulating material	Removable	Thickness	Density	Thermal conductivity coefficient at 45°C	Operating temperature	Fire reaction class Euroclass EN13501-1
Closed cell elastomer foam	X	20 mm	30 kg/m ³	λ = 0,032 W/mK	-10°C / +90°C	C-s3, d0

Closed cell elastomer foam

Insulation with high anti-condensation properties made of closed cell elastomer, CFC-free, asbestos free, odourless.

It is resistant to the diffusion of water vapour, chemical agents, mould, parasites, ozone, adverse weather conditions and UV rays.



CLADDINGS

PVC

External cladding made of coloured PVC with hinge closing, suitable for installations in locations protected against adverse weather conditions. The standard colours of each product are indicated in their construction characteristics, but different colours can be requested for each model as shown in the following table.

ITEM

PART NO.

PVC CLADDING YERLLOW RAL1023	COVER-RAL1023
PVC CLADDING OREANGE RAL2004	COVER-RAL2004
PVC CLADDING RED RAL3000	COVER-RAL3000
PVC CLADDING BLUE RAL5015	COVER-RAL5015
PVC CLADDING WHITE RAL9016	COVER-RAL9016
PVC CLADDING LIGHT GREY RAL7035	COVER-RAL7035
PVC CLADDING DARK GREY RAL7024	COVER-RAL7024
PVC CLADDING BLACK RAL9004	COVER-RAL9004



ALUMINIUM

External cladding made of embossed aluminium sheeting suitable also for outdoor installations. The insulations made with this type of cladding consist of panels joined together by means of rivets and extruded aluminium slats with an exclusive design, specifically designed to facilitate assembly even directly at the installation site. The coverings and flange covers made of same material securely anchored to the insulation guarantee the same levels of quality in terms of duration and outside appearance and do not risk being damaged by the wind and adverse weather conditions.



www.pacetti.it



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