

TERM. COMBI2 XC /WC

MULTI-HEAT ENERGY BUFFER WITH SANITARY TANK INSIDE - COMBI 2



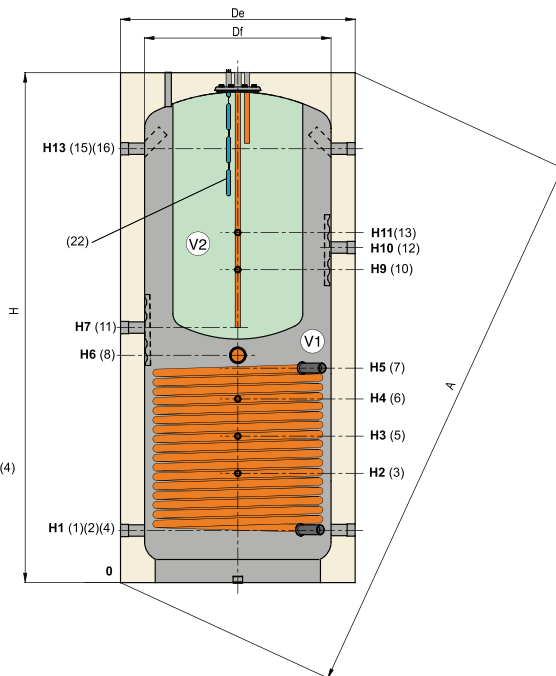
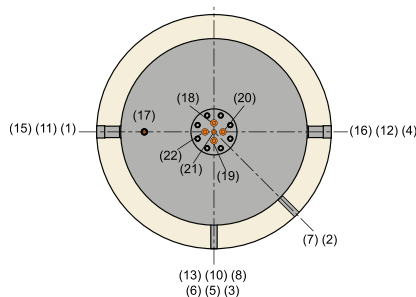
Capacity	TERM. COMBI2 XC		TERM. COMBI2 WC		Net volume storage (V1)	DHW volume (V2)	DHW surface (V2)	Lower fix coil volume	Lower fix coil surface	Weight
	[liters]	ART. NR.	ART. NR.							
570	3270162283151		3270162283101		388	146	1,3	18	2,8	131
800	3270162283152		3270162283102		582	191	1,6	20	3,1	160
1000	3270162283153		3270162283103		681	226	1,8	24	3,7	184
1500	--		3270162283104		952	412	2,5	32	4,9	267
2000	--		3270162283105		1345	566	3,1	35	5,4	336



Stainless Steel 316L Polywarm®

BUFFER TANK		TANK (V2)		TANK (V2)		EXCHANGER	
Pmax	Tmax	Pmax	Tmax	Pmax	Tmax	Pmax	Tmax
3 bar	99° C	6 bar	95° C	6 bar	90° C	12 bar	99° C

CONNECTIONS	
1	Boiler delivery/ Heating system backflow 1" 1/2 Gas F
2	Boiler delivery/Heating system backflow 1" Gas F
3	For indicator 1/2" Gas F
4	Boiler delivery/ Heating system backflow 1" 1/2 Gas F
5	For indicator 1/2" Gas F
6	For indicator 1/2" Gas F
7	Heat exchanger entry 1" Gas F
8	For electrical heating element 2" Gas F
10	For indicator 1/2" Gas F
11	Heat backflow 1" 1/2 Gas F
12	2 nd boiler delivery 1" 1/2 Gas F
13	For indicator 1/2" Gas F
15	Boiler backflow/ Heatin system delivery 1" 1/2 Gas F
16	2 nd boiler backflow 1" 1/2 Gas F
17	Breather 1/2" Gas F
18	Coldwater inlet 3/4" Gas F
19	Sanitary water exit 3/4" Gas F
20	Blow-by 3/4" Gas F
21	For indicator 1/2"
22	Magnesium anode chain



Technical descriptions

Multi-Heat Energy tanks are used in units with a typically discontinuous energy source for double use: heating system and sanitary hot water system.

The buffer is connected with the heating system and do not need any corrosion proofing and it's in carbon steel.

The inside tank can be either Stainless Steel Inox 316L or Polywarm, both suitable for drinking water according to D. M. n.174 del 06.04.04

Use

Production and Storage of hot water (heating) and sanitary water. Used to improve flexibility of pellets, stoves and burners.

Insulation

100 mm soft foam polyurethane, thermal conductivity 0.038W/mK.

External lining

Grey SCAI and top cover.

Heat exchanger

1 fixed coil in carbon steel

Cathode protection

The new magnesium anode chain allows to check the real consumption of the magnesium bar and can easily be checked

Warranty

Buffer 2 years
V2 Tank (either Stainless Steel or Polywarm) 5 years
See general sales conditions and warranty

Note: During installation always take care to fill first tank V2 (DHW) before tank V1 (Buffer).
By working avoid that the pressure of the buffer exceed the one of the DHW more than 1,5 bar.

Capacity	Df	De	H	A	H1	H2	H3	H4	H5	H6	H7	H9	H10	H11	H13
[liters]	[mm]														
570	650	850	1910	1957	220	445	603	760	860	920	1035	1225	1260	1420	1610
800	790	990	1880	1944	238	463	581	698	798	838	944	1078	1160	1278	1558
1000	790	990	2170	2226	228	463	621	778	908	963	1084	1388	1420	1638	1838
1500	950	1150	2260	2332	276	511	724	936	996	1056	1164	1436	1498	1686	1886
2000	1100	1300	2360	2448	321	546	724	901	1001	1071	1185	1471	1533	1721	1951

BOILERS

P.E.D. product planned and produced in conformity to the article 3.3 of norm 92/23/Ce