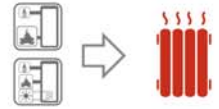


Renewable Energy Solutions From MIBEC LTD

BUFFER TANKS
and
ACCUMULATORS



HEATING WATER BUFFER TANK WITH OR WITHOUT HEAT EXCHANGER



STORAGE		EXCHANGER	
Pmax	Tmax	Pmax	Tmax
3 bar	99°C	12 bar	110°C
Coil version			

For temperature of exchanger > 110°C see page 102

Capacity	PUFFER VC VT	
[liters]	ART. NR.	
200	3251162282501	
300	3251162282502	
500	3251162282503	
800	3251162282504	
1000	3251162282505	
1500	3251162282506	
2000	3251162282507	
3000	3251162282508	
5000	3251162282510	

PUFFER VC VT (WITH COIL)		
Capacity	ART. NR.	Exchanger surface
[liters]		[m ²]
300	3251162282201	1,0
500	3251162282202	2,1
800	3251162282203	2,5
1000	3251162282204	3,1
1500	3251162282205	3,8
2000	3251162282206	4,6
3000	3251162282207	6,2
5000	3251162282209	7,5



PROMPT DELIVERY
Grey highlighted products are dispatched in 1-5 working days. (Delivery time excluded)

Application

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

Technical descriptions

Buffers are used in units with a typically discontinuous energy source. The buffer tank is connected with the heating system and do not need any coating inside. Made in carbon steel outside painted.

Version with heat exchanger allows use together with a solar installation.

Material

There is no need of any anti-corrosion treatment due to the fact that the buffer is in a closed circuit without any adding air.

Heat exchanger:

Carbon steel fixed coil

Insulation

100 mm soft polyester fibre with high Thermal insulation with Thermal conductivity: 0.035 W/mK. Fire resistance class B-s2d0

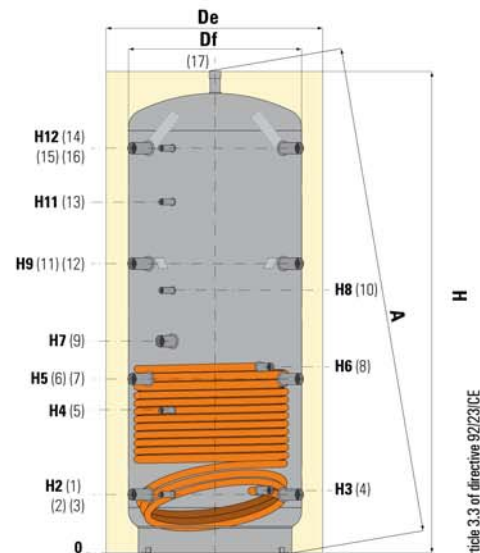
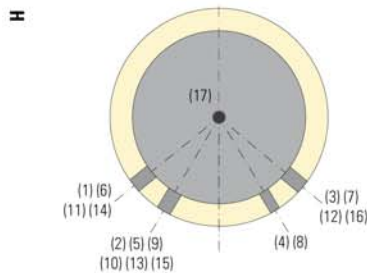
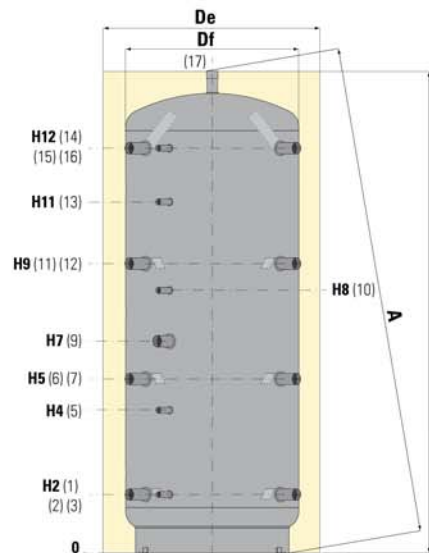
according to EN 13501.

Grey PVC external lining complete with top cover.

Warranty

-2 years See general sales conditions and warranty.

CONNECTIONS			
1-3	Heating return/To Generator	10	Connection for instrumentation 1/2" Gas F
6-7	1" 1/2 Gas F	11-12	Heating delivery/From Generator 1" 1/2 Gas F
2-5	Connection for instrumentation 1/2" Gas F	14-16	Connection for instrumentation 1/2" Gas F
4	Heat exchanger outlet	13	Heating delivery/From Generator 1" 1/2 Gas F
8	Heat exchanger inlet	15	Drain (for Capacity > 2000 lt)
9	Connection for electrical integration 1" 1/2 Gas F	17	
		18	



Capacity	Df	De	H	A	H2	H4	H5	H7	H8	H9	H11	H12	1-3-6-7-9-11-12-14-15-17	18	Puffer with coil		
															H3	H6	8-4
[liters]														[mm]			
													CONNECTIONS Gas F				
200	450	650	1349	1366	218	430	500	576	711	782	871	1064	1" 1/2	-	-	-	1"
300	550	750	1390	1413	232	444	514	590	725	796	885	1078	1" 1/2	-	217	514	1"
500	650	850	1720	1745	247	533	629	800	941	1011	1167	1393	1" 1/2	-	260	745	1"
800	790	990	1890	1925	265	584	690	823	988	1115	1332	1541	1" 1/2	-	278	762	1"
1000	790	990	2180	2210	265	656	787	1013	1188	1309	1588	1831	1" 1/2	-	284	953	1"
1500	950	1150	2300	2345	313	736	845	1061	1286	1377	1653	1909	1" 1/2	-	336	1006	1"
2000	1100	1300	2370	2430	347	770	879	1060	1300	1411	1687	1943	1" 1/2	-	370	1001	1"
3000	1250	1450	2854	2881	546	1007	1061	1683	1869	1776	2130	2392	2"	1"	569	1551	1"1/4
5000	1600	1800	3152	3186	669	1130	1184	1772	1972	1899	2242	2515	2"	2"	692	1323	1"1/4