

# PUFFER

HEATING WATER BUFFER TANK



## APPLICATION

Efficient storage of heating hot water mostly using biomass, heat pumps or solar thermal energy sources.

## MATERIAL

Mild steel outside painted. 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.

## TECHNICAL DESCRIPTION

Used to improve flexibility of pellets, stoves and burners. PUFFER are used in units with a typically discontinuous energy source such as biomass boiler and solar thermal system.

## INSULATION

- HARD: High thermal insulation with ecological polyurethane hard foam.  
- SOFT: NOFIRE® polyester fleece 100% made of recyclable material, with high thermal insulation. Fire resistance class B-s2d0 according to EN 13501.

Grey PVC external lining complete with top and flange cover

## WARRANTY

5 years - See general sales conditions and warranty

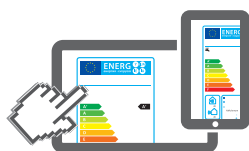
## ACCESSORIES AND SPARE PARTS

See Accessories section for the entire list.



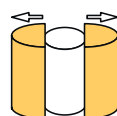
**STOCK**  
AVAILABILITY

HARD FOAM INSULATION



[www.cordivari.com/erp](http://www.cordivari.com/erp)

On line ErP label tool



## PUFFER VB

ENERGY  
EFFICIENCY  
CLASS

Model	HARD FOAM insulation	Art. Nr.	ErP
200		3251162312501	B
300		3251162312502	C
500		3251162312503	C
600		3251162312504	C
750		3251162312525	C
800		3251162312526	C
1000		3251162312527	C
1250		3251162312508	C
1500		3251162312509	C
2000		3251162312510	C

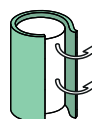
Model	DISMOUNTABLE HARD FOAM insulation	Art. Nr.	ErP
750		3251162312505	C
800		3251162312506	C
1000		3251162312507	C



ENERGY  
EFFICIENCY  
CLASS

## PUFFER VC

Model	DISMOUNTABLE SOFT FLEECE insulation	Art. Nr.	ErP
750		3251162282804	C
800		3251162282805	C
1000		3251162282806	C
1500		3251162282807	C
2000		3251162282808	C
3000		3251162282608	
5000		3251162282610	



Accessories on request

### Thermometer

Art. Nr.
5032240000107
5 units box



### Buffer tanks connecting kit

Art. Nr.	Connection
5006170001001	1" 1/2
Stainless steel extensible connecting kit - (200 ÷ 400 mm)	



# PUFFER

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### STORAGE

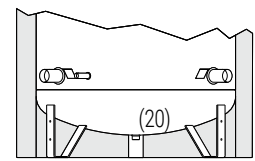
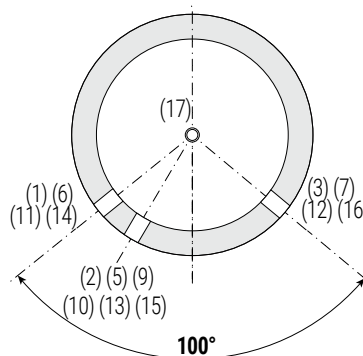
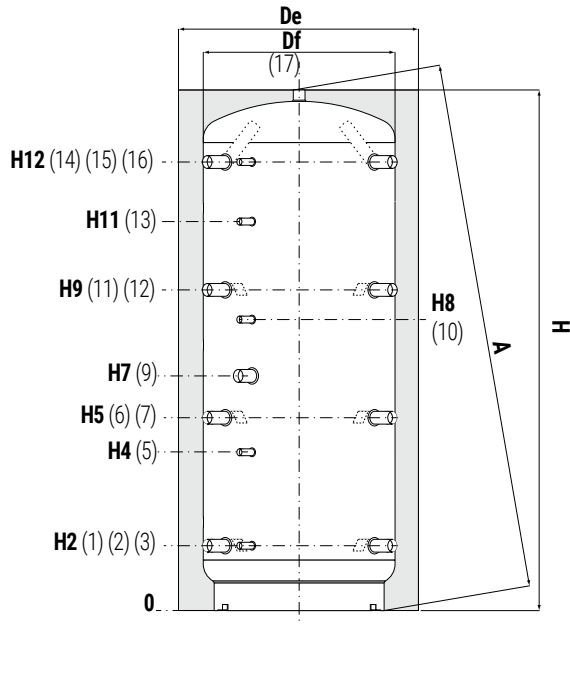
Pmax	Tmax
3 bar	99 °C



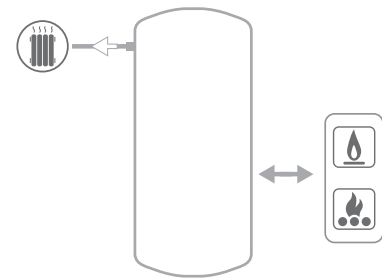
**CORDIVARI Lab**  
TÜV Rheinland Energie  
und Umwelt GmbH states  
that test procedures and  
Cordivari LAB are certified conforming  
to European standard EN 15332, as  
indicated by Ecodesign ErP Directive.



**ASK ALWAYS FOR  
CERTIFIED LABORATORIES  
DATA RESULTS**



Only for models 3000 e 5000



**1-3-6-7** Heating return/To Generator

**2-5** Connection for instrumentation 1/2" Gas F

**9** Electrical immersion

**10** Connection for instrumentation 1/2" Gas F

**11-12-14-16** Heating delivery/ Heating return

**13** Connection for instrumentation 1/2" Gas F

**15** Connection for instrumentation 1/2" Gas F

**17** Heating delivery

**20** Drain only for models 3000 e 5000

Model	Volume [lt]	Df (vers. VC) [mm]	De (vers. VC) [mm]	De (vers. VB) [mm]	H	A [mm]	H2	H4
<b>200</b>	180	//	//	550	1299	1410	218	430
<b>300</b>	279	//	//	650	1340	1489	232	444
<b>500</b>	478	//	//	750	1620	1784	247	533
<b>600</b>	560	//	//	750	1870	2014	247	582
<b>750</b>	717	790	1010	950	1658	1911	265	584
<b>800</b>	805	790	1010	950	1840	2071	265	584
<b>1000</b>	946	790	1010	950	2130	2332	265	656
<b>1250</b>	1248	//	//	1050	2201	2439	313	705
<b>1500</b>	1454	950	1210	1100	2250	2504	313	736
<b>2000</b>	1973	1100	1360	1300	2320	2659	347	770
<b>3000</b>	2915	1250	1450	//	2814	3079	556	1017
<b>5000</b>	4985	1600	1800	//	2929	3338	586	1047

Model	H5	H7	H8	H9	H11	H12
<b>200</b>	500	576	711	782	871	1064
<b>300</b>	514	590	725	796	885	1078
<b>500</b>	629	841	930	1011	1231	1343
<b>600</b>	695	915	1060	1144	1382	1593
<b>750</b>	630	823	938	995	1180	1371
<b>800</b>	690	823	988	1115	1332	1541
<b>1000</b>	787	998	1188	1309	1588	1831
<b>1250</b>	835	986	1168	1357	1568	1879
<b>1500</b>	845	1061	1286	1377	1653	1909
<b>2000</b>	879	1060	1300	1411	1687	1943
<b>3000</b>	1071	1693	1879	1786	2140	2402
<b>5000</b>	1101	1691	1889	1816	2159	2432

1-3-6-7-9 11-12-14-16-17	20
Connections Gas F	
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
1" 1/2	//
2"	1"
2"	2"