

BRV

RAPID WATER HEATERS WITH FIXED COIL GLASS LINED FLOOR STANDING



USE

Water heater for rapid production and storage of Domestic Hot Water (DHW).
Working temperature: max 90°C.
Working pressure: max 8 bar.

ANTICORROSIVE COATING

GLASS-LINING: inorganic coating (VITREOUS ENAMEL) heated at 950°C, suitable for potable water according to DIN 4753.3 standards.

EXCHANGER

Fixed spiral coil.
Working temperature: max 99°C.
Working pressure: max 12 bar.

INSULATION

It is completely insulated with hard polyurethane thickness 30mm. (PUR30)

EXTERNAL JACKET

SCAI grey colour RAL 7038.

CATHODIC PROTECTION



Magnesium Anodes (AMS) made of special alloy AZ63, complete with welded plug.



Smalliflon steel flange.

PACKING

110÷200l carton box.
300÷1000l pallet + Polythen bubble sheet.

ANTICORROSION WARRANTY

5 years.

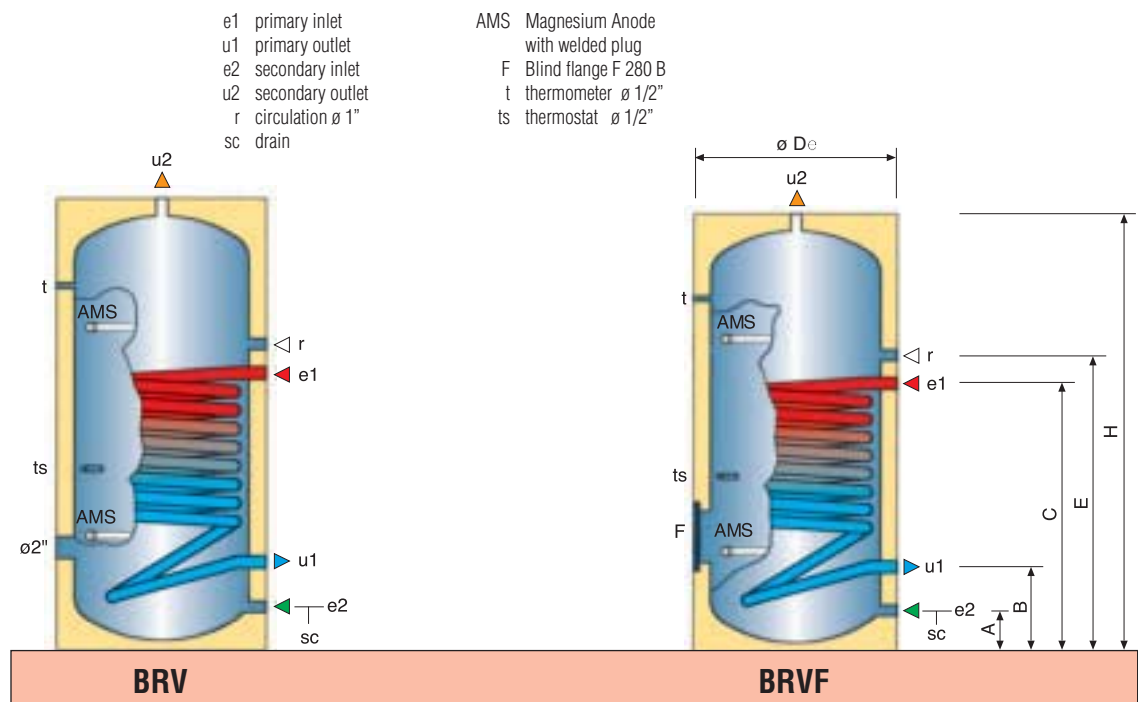
LITRES	CODE	EXCHANGER m ²	HEAT OUTPUT kW	HEAT UP TIME (1) min	DHW PRODUCTION (2)			Δp(3) m H ₂ O	WEIGHT kg
					l/h	l/10'	l/60'		
110	BRV 110	0,8	25	15	614	243	755	0,50	45
150	BRV 150	0,8	25	20	614	295	807	0,50	50
200	BRV 200	1,3	42	16	1032	429	1289	1,50	65
300	BRV 300	1,3	56	18	1376	615	1762	0,60	85
500	BRV 500	2,2	74	23	1818	946	2461	1,60	130

800	BRVF 0800	2,3	95	28	2334	1417	3362	2,60	190
1000	BRVF 1000	2,7	130	26	3194	1817	4479	5,40	215

- (1) Time to heat domestic water 10÷60°C
- (2) DHW production 10÷45°C with primary 80÷70°C and storage at 60°C: continuous (l/h); first 10 minutes peak (l/10'); first hour peak (l/60')
- (3) Exchanger head loss.

90 °C	8 bar	120 °C	5 years	Art. 3.3 Dir. n. 97/23/EEC
WATER HEATERS		GASKETS	WARRANTY	PED

LITRES	DIMENSIONS mm						Ø CONNS.		ANODES TYPE
	A	B	C	Ø De	E	H	e1-u1	e2-u2	
110	140	265	645	520	740	950	1" 1/4	1" 1/4	2 x AMS 5
150	140	265	645	520	775	1120	1" 1/4	1" 1/4	2 x AMS 5
200	150	290	830	570	920	1220	1" 1/4	1" 1/4	2 x AMS 5
300	155	295	835	670	930	1230	1" 1/4	1" 1/4	2 x AMS 5
500	175	345	1085	720	1205	1680	1" 1/4	1" 1/4	2 x AMS 5
800	245	375	1225	870	1370	1830	1" 1/2	1" 1/2	2 x AMS 1
1000	245	375	1430	870	1600	2080	1" 1/2	1" 1/2	2 x AMS 1



**SOLAR WATER HEATERS WITH FIXED DOUBLE COIL
GLASS LINED FLOOR STANDING** DRV

LITRES	CODE	SOLAR COIL						INTEGRATION COIL						WEIGHT kg
		EXCHANGER m ²	HEAT OUTPUT kW	HEAT UP (1) min	DHW PRODUCTION (2)			EXCHANGER m ²	HEAT OUTPUT kW	HEAT UP (3) min	DHW PRODUCTION (2)			
					l/h	l/10'	l/60'				l/h	l/10'	l/60'	
300	DRV 0300	1,1	37	21	909	537	1295	0,6	22	19	540	261	711	80
500	DRV 0500	1,6	57	23	1400	876	2043	1,1	37	19	909	436	1194	125
800	DRV 0800	2,2	71	30	1744	1318	2772	1,2	44	25	1081	637	1538	185
1000	DRV 1000	2,7	95	28	2334	1674	3619	1,2	44	32	1081	751	1652	200

(1) Time to heat the whole content of domestic water from 10 to 60°C
 (2) DHW production 10-45°C with primary 80-70°C and storage at 60°C: continuous (l/h); first 10 minutes peak (l/10'); first hour peak (l/60')
 (3) Time to heat from 10 to 60°C the 40% of domestic water, i.e. the volume heated by the integration exchanger.



USE
 Water heater for rapid production and storage of Domestic Hot Water (DHW) through solar energy and heat integration from traditional fuel. Working temperature: max 90°C. Working pressure: max 8 bar.

ANTICORROSIVE COATING:
 GLASS-LINING: inorganic coating (VITREOUS ENAMEL) heated at 950°C, suitable for potable water according to DIN 4753.3 standards.

EXCHANGER
 Fixed spiral coil. Working temperature: max 99°C. Working pressure: max 12 bar.

INSULATION
 It is completely insulated with hard polyurethane thickness 30mm (PUR30).

EXTERNAL JACKET
 SCAI grey colour RAL 7038.

CATHODIC PROTECTION



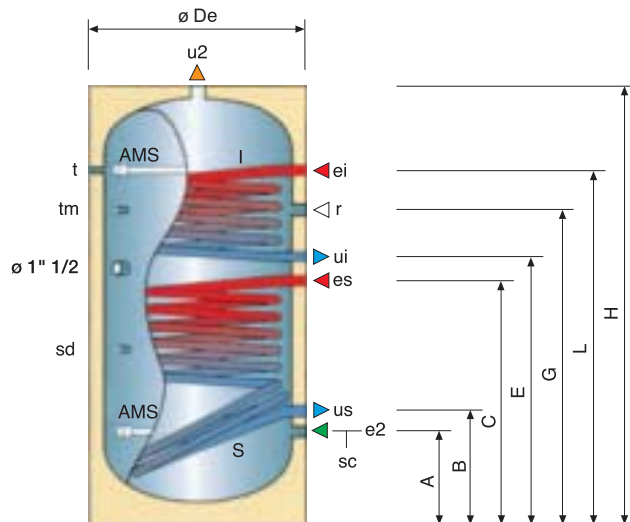
Magnesium Anodes (AMS) made of special alloy AZ63, complete with welded plug.

PACKING
 Pallet+Polythen bubble sheet.

90 °C	6 bar	5 years L. 296/2006	Art. 3.3 Dir. n. 97/23/EEC
WATER HEATERS		WARRANTY	PED

LITRES	DIMENSIONS mm								Ø CONNS.			ANODES TYPE
	A	B	C	Ø De	E	G	H	L	es-us	ei-ui	e2-u2	
300	225	300	740	620	840	970	1360	1100	1"	1"	1" 1/4	AMS 5
500	240	315	865	720	980	1175	1640	1365	1"	1"	1" 1/4	AMS 5
800	345	445	995	870	1115	1290	1850	1465	1" 1/2	1" 1/2	1" 1/2	AMS 1
1000	345	445	1145	870	1265	1440	2100	1615	1" 1/2	1" 1/2	1" 1/2	AMS 1

- ei integration inlet
- ui integration outlet
- es solar inlet
- us solar outlet
- e2 secondary inlet
- u2 secondary outlet
- r circulation ø 3/4"
- sc drain
- AMS Magnesium Anode with welded plug
- I Integration exchanger
- S Solar exchanger
- sd probe ø 1/2"
- t thermometer ø 1/2"
- tm thermostat ø 1/2"



DRV LITRI 300÷1000

ANTICORROSION WARRANTY
 5 years.