

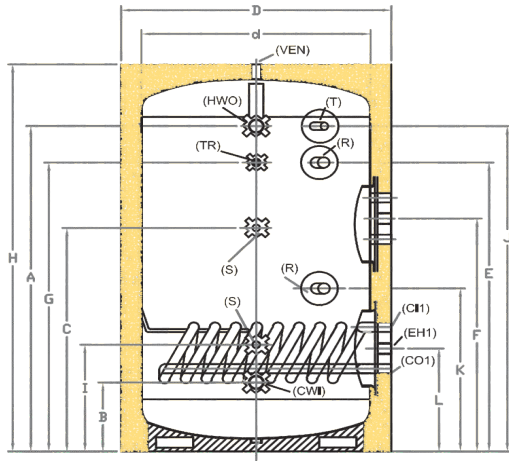


Enviro Energy Solutions Ltd
Your Gateway to the Sun

**DATA SHEET EBER SERIES
HIGH CAPACITY VERTICAL TANKS
WITH EXTRACTIBLE HEAT EXCHANGERS**

...BECAUSE WITH ENVIROENERGY SOLUTIONS THE SUN SHINES FOR EVERYONE...

800 - 9000 lt WITH ONE EXTRACTABLE HEAT EXCHANGER AND ONE INSPECTION FLANGE



Inner tank from low carbon steel

Coating with epoxy resin

Cathodic Protection with magnesium rod

Heat Exchanger from steel pipe

Maximum Working Pressure 8 bar

Maximum Working temperature 95°C

Maximum Heat Exchanger Working Pressure 25 bar

Maximum working temperature of the heat exchanger 100°C

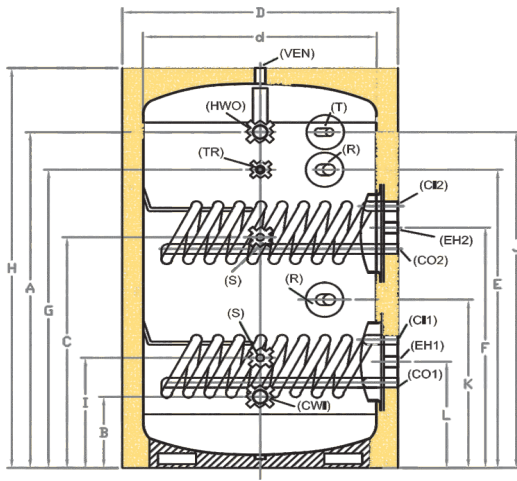
Insulation from soft ecological (CFC free) polyurethane (foam)
of 100mm thickness

External Coating from flexible PVC

(Metalic External Coating Upon request)

Model	EBER 800/1	EBER 1000/1	EBER 1500/1	EBER 2000/1	EBER 3000/1	EBER 4000/1	EBER 5000/1	EBER 7000/1	EBER 9000/1
Nominal Volume (Lt)	750	1000	1500	2000	3000	4000	5000	7000	9000
Actual Volume (Lt)	757	940	1480	1940	2940	3960	4700	6950	8960
Internal Tank Weight (kg)	265	405	420	490	645	850	930	1400	1800
3,2m² Heat Exchanger Weight (kg)	78					N/A			
5,4m² Heat Exchanger Weight (kg)	109							N/A	
7,8m² Heat Exchanger Weight (kg)	N/A						154		
External Cover and Insulation Weight (kg)	14	16	20	24	34	39	45	58	67
Total Boiler Weight with 3,2m² Coil (Kg)	357	499	518	592	757	----	---	---	---
Total Boiler Weight with 5,4m² Coil (Kg)	388	530	549	623	788	998	1084	1567	1976
Total Boiler Weight with 7,8m² Coil (Kg)	---	---	---	---	---	---	1129	1612	2021
Internal Tank Body Thickness (mm)	4	4	5			6		7	8
Internal Tank Upper and Lower Caps Thickness (mm)	4	4	6			7		8	9
Tilt Height (mm)	2060	2236	2386	2442	2916	3149	3287	3774	3966
Flange Ø (mm)	508								
Ventilation VEN	1 ½''	---	1 ½''						
Drain	1 ½''								
Electric Back-up Heating Element (EH1 and EH2)	1 ½''								
	POSITION ON TANK/ DIAMETER								
A Hot Water Outlet HWO (mm)	1410/ 1½''	1670/ 1½''	1705/ 2''	1705/ 2''	2245/ 2½''	2243/ 3''	2243/ 3''	2773/ 4''	2773/ 4''
B Cold Water Inlet CWI (mm)	275/ 1½''	295/ 1½''	365/ 2''	365/ 2''	365/ 2½''	383/ 3''	383/ 3''	413/ 4''	413/ 4''
C Sensor S (mm)	1000/ ½''	1155/ ½''	1185/ ½''	1185/ ½''	1482/ ½''	1503/ ½''	1503/ ½''	1833/ ½''	1833/ ½''
D External Diameter (mm)	1000	1000	1300	1400	1500	1700	1800	2000	2200
d Internal Tank Diameter (mm)	800	800	1100	1200	1300	1500	1600	1800	2000
E Recirculation R (mm)	1210/ 1''	1507/ 1''	1532 / 2''	1532/ 2''	2050/ 2 ½''	2050/ 3''	2050/ 3''	2580/ 3''	2580/ 3''
F Middle of Upper Flange and EH2 (mm)	1187	1198	1180	1180	1490	1723	1723	2280	2280
G Thermometer TR (mm)	1210/ 1½''	1507/ 1½''	1532 / ½''	1532 / ½''	2050/ ½''	2050/ ½''	2050/ ½''	2580/ ½''	2580/ ½''
H Total Height (mm)	1800	2000	2000	2000	2500	2650	2750	3200	3300
I Sensor S (mm)	510/ ½''	525/ ½''	565/ ½''	565/ ½''	565/ ½''	583/ ½''	583/ ½''	613/ ½''	613/ ½''
J Thermostat T (mm)	1410/ ½''	1670/ ½''	1725/ ½''	1725/ ½''	2245/ ½''	2245/ ½''	2245/ ½''	2773/ ½''	2773/ ½''
K Recirculation R (mm)	560/ 1''	---	862/ 2''	862/ 2''	1012/ 2½''	1030/ 3''	1030/ 3''	1060/ 3''	1060/ 3''
L Middle of Lower Flange CI1/CO1 and EH1 (mm)	500	515	520	520	530	565	565	593	593

800 - 9000 lt WITH TWO EXTRACTIBLE HEAT EXCHANGERS



Inner tank from low carbon steel

Coating with epoxy resin

Cathodic Protection with magnesium rod

Heat Exchanger from steel pipe

Maximum Working Pressure 8 bar

Maximum Working temperature 95°C

Maximum Heat Exchanger Working Pressure 25 bar

Maximum working temperature of the heat exchanger 100°C

Insulation from soft ecological (CFC free) polyurethane (foam of 100mm thickness

External Coating from flexible PVC

(Metalic External Coating Upon request)

Model	EBER 800/2	EBER 1000/2	EBER 1500/2	EBER 2000/2	EBER 3000/2	EBER 4000/2	EBER 5000/2	EBER 7000/2	EBER 9000/2
Nominal Volume (Lt)	750	1000	1500	2000	3000	4000	5000	7000	9000
Actual Volume (Lt)	757	940	1480	1940	2940	3960	4700	6950	8960
Internal Tank Weight (kg)	265	405	420	490	645	850	930	1400	1800
3,2m² Heat Exchanger Weight (kg)	78					N/A			
5,4m² Heat Exchanger Weight (kg)	109							N/A	
7,8m² Heat Exchanger Weight (kg)	N/A						154		
External Cover and Insulation Weight (kg)	14	16	20	24	34	39	45	58	67
Total Boiler Weight with 2 Coils of 3,2m² (Kg)	435	577	596	670	835	----	---	---	---
Total Boiler Weight with 1 Coil 3,2m² and 1 Coil 5,4m²(Kg)	---	---	627	701	866	----	---	---	---
Total Boiler Weight with 2 Coils of 5,4m² (Kg)	---	---	658	732	897	1107	1193	---	---
Total Boiler Weight with 2 Coils 7,8m² Coil (Kg)	---	---	---	---	---	---	---	1612	2021
Internal Tank Body Thickness (mm)	4	4	5			6		7	8
Internal Tank Upper and Lower Caps Thickness (mm)	4	4	6			7		8	9
Tilt Height (mm)	2060	2236	2386	2442	2916	3149	3287	3774	3966
Flange Ø (mm)	508								
Ventilation VEN	1 ½''	---	1 ½''						
Drain	1 ½''								
Electric Back-up Heating Element (EH1 and EH2)	1 ½''								
	POSITION ON TANK/ DIAMETER								
A Hot Water Outlet HWO (mm)	1410/ 1½''	1670/ 1½''	1705/ 2''	1705/ 2''	2245/ 2½''	2243/ 3''	2243/ 3''	2773/ 4''	2773/ 4''
B Cold Water Inlet CWI (mm)	275/ 1½''	295/ 1½''	365/ 2''	365/ 2''	365/ 2½''	383/ 3''	383/ 3''	413/ 4''	413/ 4''
C Sensor S (mm)	1000/ ½''	1155/ ½''	1185/ ½''	1185/ ½''	1482/ ½''	1503/ ½''	1503/ ½''	1833/ ½''	1833/ ½''
D External Diameter (mm)	1000	1000	1300	1400	1500	1700	1800	2000	2200
d Internal Tank Diameter (mm)	800	800	1100	1200	1300	1500	1600	1800	2000
E Recirculation R (mm)	1210/ 1''	1507/ 1''	1532 / 2''	1532/ 2''	2050/ 2 ½''	2050/ 3''	2050/ 3''	2580/ 3''	2580/ 3''
F Middle of Upper Flange and EH2 (mm)	1187	1198	1180	1180	1490	1723	1723	2280	2280
G Thermometer TR (mm)	1210/ 1½''	1507/ 1½''	1532 / ½''	1532 / ½''	2050/ ½''	2050/ ½''	2050/ ½''	2580/ ½''	2580/ ½''
H Total Height (mm)	1800	2000	2000	2000	2500	2650	2750	3200	3300
I Sensor S (mm)	510/ ½''	525/ ½''	565/ ½''	565/ ½''	565/ ½''	583/ ½''	583/ ½''	613/ ½''	613/ ½''
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L Middle of Lower Flange Cl1/CO1 and EH1 (mm)	500	515	520	520	530	565	565	593	593

Approval Number: 1606539
Test Report: M106145



Water Regulations Advisory Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

2nd September 2016

Soficor Mader
ZI no. 1 route de Crulai,
61300 L'Aigle,
France

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

COATINGS, PAINTS & LININGS - FACTORY APPLIED PIPE & FITTINGS COATINGS.

5030

'Cepox P05/95'. Factory applied, two part, yellow coloured epoxy coating. Mix part A & part B in a 100/26 weight ratio. Cure for 16 hours@70°C. For use with water up to 85°C.

APPROVAL NUMBER: 1606539

APPROVAL HOLDER: SOFICOR MADER

The Scheme reserves the right to review approval.
Approval 1606539 is valid between June 2016 and June 2021

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in dark ink, appearing to read 'J Furnival', written in a cursive style.

Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme

WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY

The material referred to in this letter is suitable for contact with water for domestic purposes. **Approval of this material does not signify the approval of its mechanical or physical properties for any use.**

Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that; 'the material as listed, having passed the tests of effect on water quality, is suitable for use in contact with wholesome water'

This may be abbreviated to 'Water Regulations Advisory Scheme - Approved Material' or 'WRAS Approved Material'.

The scope of an Approval does not extend to rebranded materials unless otherwise agreed by the Scheme.

Use of the WRAS Approved Material Logo

Approval holders may use the WRAS Approved Material logo and make reference to any approval issued by WRAS Ltd. in respect of a particular material or range of materials provided the approval is, and remains valid.

Approval holders are entitled to use the logo on the packing, promotional literature and point of sale advertising Approved Materials.

Modifications to existing Approvals

It is a condition of WRAS Material Approval that NO changes or modifications to the Approved Material, be made without the Approval Holder first notifying WRAS Ltd. Full details of the proposed changes must be provided to the Scheme. Failure to comply with this condition will immediately invalidate a previously granted Approval.

Re-Approval

WRAS will write to you 1 year before the approval expires asking whether you would like to renew it. Please complete the relevant section of the MA3 application form which will be included with the letter and return to WRAS (via e-mail or post).

Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.



Enviro Energy Solutions Ltd

Your Gateway to the Sun

**We do not inherit the earth
from our fathers,
We borrow it
from our children..."**



...BECAUSE WITH ENVIROENERGY SOLUTIONS THE SUN SHINES FOR EVERYONE...



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32011 Inofyta – Viotia - Greece