

**data sheet**

***Eurolux Beer Tanks in V2A 500 litres in AISI 304***  
***NEW***

Catalogue no. 11-1105(1)L

delivery time: approx.. 6 – 8 weeks

<b>Cat no.</b>	<b>Content Litre(s)</b>	<b>Diameter mm</b>	<b>Total length mm</b>	<b>Weight kg</b>
11-1105(1)	500	778	1230	85

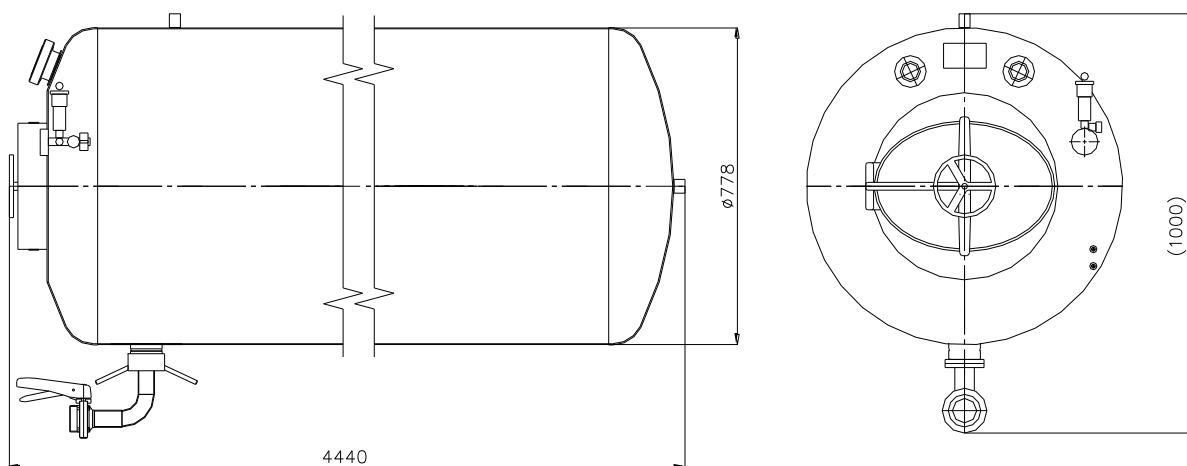
**Technical data:**

Max. operating pressure: 3.0 bar

Max. overpressure: 4.3 bar

Max. operating temperature: 20°C

Min. operating temperature: 5°C



Sketch beer tank 2000 litres  
Similar also for 500 and 1000 litres

The beer tank is a cylindrical horizontal container made from rust-free material which serves for storing and serving beer in restaurants. The container is dimensioned for  $N \leq 4,000$  complete operating cycles. Under the condition that a full operating cycle is one week, the service life is expected to be 76 years. The tank will be delivered without isolation and cooling. There is the option, however, to build tanks with isolation and after cooling. The tank rests on saddles which are screwed to the frame. At the dished end in front, there is an elliptical manhole (440x310mm) which serves to attach the PE sack in the tank. When the beer is drawn, it is pressed out of the tank by means of air pressure to the outside of the PE sack.

The compressed air reaches the inside of the container via a compact and complete air fitting comprising: safety valve with 3 bar, control manometer in the area between 0 and 6 bar and air bleed valve. For the visual inspection of the level, there are two inspection glasses with armoured glass with dimension DN65 for 500 litre and 1000 litre and DN 32 for 2000 litre tanks. A fitting with a valve at the end with dimension DN 40 helps to bottle and serve the beer from the container (PE sack).

### **Instruction manual**

#### ***Inspection and preparation of the tank before filling***

- Inspection of the inside - cleanliness.
- Inspection safety fitting.
- Inspection Mounting of the fitting for filling / fitting for emptying the tank
- Inspection of the manhole closure.

#### ***Attaching the PE sack***

A PE sack will be attached inside the tank via the manhole; a fitting for filling will be passed in the sack and secured with a subring and a union nut. The manhole and the valve of the lower outlet need to be locked.

#### ***Pressurizing the beer tank***

After locking the manhole, the compressor will be switched on. The tank will be pressurized to 2 bar via air supply. The safety valve ensures that the container is not overpressurized.

#### ***Filling the beer tank***

After pressurizing the tank with air, the fitting for filling will be connected to the tank with the help of a hose and the PE sack will be filled with beer. The counter-pressure in the container ensures that the beer does not foam. After filling, the closure valve will be locked.

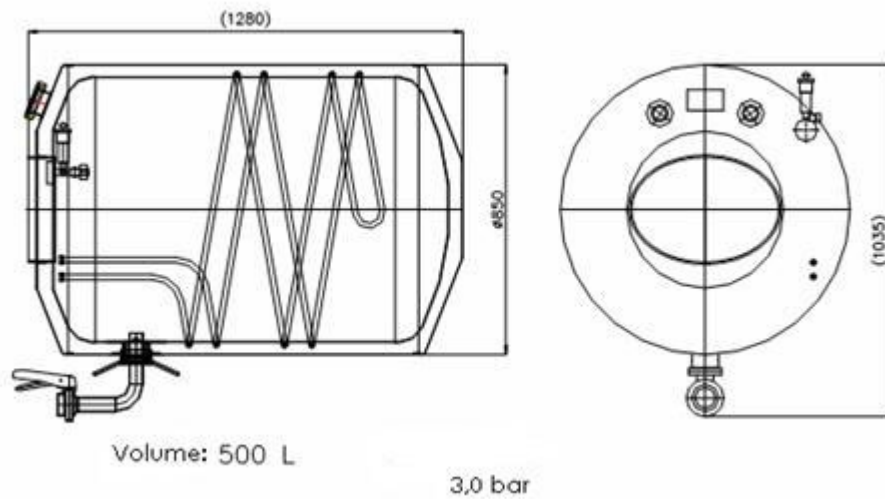
#### ***Drawing beer***

An end piece will be connected to the fitting for filling. The tank will be connected for serving with a hose. The closure valve of the lower outlet will be opened. When the beer is drawn, it is pressed out of the tank by means of air pressure to the outside of the PE sack (PE sack acts as a barrier).

Beer tanks 500, 1000, 2000 litres is a technical device manufactured according to EN 13445. A technical examination and a pressure test are carried out for the beer tanks.

<b>Not isolated</b> <b>No after cooling</b>
<b>500 litres</b>

<b>isolated</b> <b>with after cooling</b>
<b>500 litres</b>



*Fig. 2*  
 500 litres  
 Tank with isolation and after cooling

***Depending on the quantity and position, frames will also be fitted for the beer tanks.***





*All prices are valid Ex-Works, excl.VAT  
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*Freight Charges: not included  
Subject to prior sale*

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