

# OPERATING INSTRUCTIONS

## STAINLESS STEEL TANK - Container -

### Materials

#### Metal

A.E.B. tanks are made of stainless steel type 304 (DIN 1.4301) which fulfills ASTM A240 specification.

#### Rubber

Rubber skirts placed on tops and bottoms meet ASTM D2000 specification. Gaskets are made of EPDM and meet NSF requirements.

#### Coupling plugs

Coupling plugs are made of stainless steel type AISI 303

**Maximum Working Pressure** : 7 bar

**Working Temperature:** from 0 °C (32 °F) to 45 °C (113 °F)

**Working Pressure of relief valve** : 7-9 bar / 100-130 psi  
(if equipped)

**The tank is not suitable to contain fluid of the GROUP 1**  
(concerning Directive CE 1272/2008 & 2014/68/UE)

### Directions before filling

**Before filling all tanks must be properly washed and sterilized. Do not use any detergent containing any hydrochloric acid for washing.**

- Relieve the pressure in the tank and leave valve open so that detergents can clean the inside of the valve.
- Lid and gasket must be washed and sterilized as thoroughly as tanks are.
- Check washed tank for detergent carryover and/or other contamination.
- Put pressure clean tank.

### Directions after filling

We recommend that the bottler/filler should give to the final user all directions to guarantee a proper and secure use of A.E.B. tanks.

## MAINTENANCE

All tanks must be properly handled. Repeated dropping and abusive handling may result in some tanks being continued in service beyond their safe service life. Any containers, which show substantial damage excessive wear, or significant metal removal must be removed from service.

***The tanks are not suitable to work in depression.***

## DENTS

All tanks must be visually inspected (inside and outside) for major dents or deviations from the original dimensions of the container. Any tank that has metal deformation that may compromise the structural integrity of the container must be removed from service.

## DENTS IN HANDLE /OPENING

Any tank with any dent , nick, or deformation in the area in contact with the closure gasket, that is of sufficient depth to prevent adequate sealing or pressurization of the tank, must be removed from service.

## COUPLING PLUGS

Coupling plugs should always be clean and free from any contamination. To guarantee the most hygienic conditions coupling plugs should be sealed after filling by the bottler and these seals should be removed just before connecting the tank to the counter dispenser.

## EXTERNAL O-RINGS FOR PLUGS

External O-Rings life depends from how much the tank is used, from the place where is storage and on climate conditions. A.E.B. Srl recommends that O-Rings should be changed at least once a year.

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All the tanks of our production are tested for a maximum working pressure of 7 bar: Not being equipped with specific equipment that can grant this limit of maximum pressure, they must be used in/with equipment equipped with pressure regulator and safety valves in accordance with the law and the norms of accidents prevention in place. Furthermore it's necessary to install the tanks far away from source of heat.

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All the tanks produced by A.E.B. Srl are realized in conformity with what indicated in the EC-regulation N° 1935/2004 and N° 1935/2004 and for this, in condition like when delivery, are suitable to be used with food.

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Lid, gaskets, coupling plugs, dip tubes and/or any other part that could come in contact with the drink should be replaced only with parts that have the same characteristics as the original ones.

**A.E.B. srl declines any liability for any damage caused by any improper and/or different use of the product. A.E.B. srl declines any liability for any damage caused by any change in the product or in parts of it made outside A.E.B. plant**

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