

Ice water tank ZLV 10

Description

This ice water tank is designed for accumulation of cold in water and its following utilisation for beer cooling in the second cooling stage and for further cooling of particular vessels and tanks in breweries. This tank is coupled with 2 pumps with capacity of 54 l/min for closed primary and secondary circuits.

The primary circuit should be installed with a condensation unit and a plate heat exchanger for own cooling and the secondary circuit should be coupled with particular vessels. It is possible to install more condensation units in series.

The tank itself is mounted on 6 adjustable feet and closed with a stainless cover.

We recommend keeping condensation units within a max. distance from the ice water tank of 25 m. Antifreezer is not included in the delivery. We recommend non-toxic(green product) liquid according to your possibilities.

Parameters

Total capacity	1 000 l
Effective capacity	940 l
Width without additional framing of condensation units	800 mm
Height	1 118 mm
Depth	1 250 mm
Material	1.4301
Polyurethane insulation	50 mm
Insulation covered with ground metal sheets 1 mm thick	1.4301
Water inlet branch 2x	DN 32
Water outlet branch 2x	DN 32
NTC probe box	Ø10 mm
Min. operating temperature	-15°C
Max. operating temperature	80°C

Accessories

Discharge and filling armatures	DN 25
2x water inlet branch	DN 32
2x water outlet branch	DN 32
Framing for 2 condensation units	
NTC probe box	
Probe NTC	
2x pumps Ebara	230V 50 Hz 54 L/min Hmax 2,8 bar
Electric switchboard	
Main switch	380V 16A
Digital regulator DIXEL XR 10 D	230V 50 HZ
Compressor contactor	3x230V 50 Hz 10A
2x motor starter	4-6A 380V

Warranty:

Tank 3000 l	36 months
Pump	24 months
Electric components	24 months

