

WL 110.20

Water chiller



2E

Specification

- [1] device for cold water supply
- [2] main components: refrigeration unit to chill water, water tank, circulating pump
- [3] electronic controller for water temperature
- [4] suitable for the units: CE 310, ET 262, ET 350, ET 352, WL 210, WL 220, WL 376
- [5] connection to WL 110 and other devices using hoses with rapid action couplings
- [6] refrigerant R513A, GWP: 632

Technical data

Centrifugal pump

- max. flow rate: 600L/h
- max. head: 30m
- power consumption: 120W

Refrigeration system

- refrigeration capacity: 833W at -10/32°C
- power consumption: 367W at -10/32°C

Tank: 15L

Refrigerant

- R513A
- GWP: 632
- filling volume: 1kg
- CO₂-equivalent: 0,6t

230V, 50Hz, 1 phase
 230V, 60Hz, 1 phase
 120V, 60Hz, 1 phase
 UL/CSA optional
 LxWxH: 1000x630x530mm
 Weight: approx. 76kg

Scope of delivery

- 1 water chiller
- 1 set of hoses
- 1 manual

Description

■ cold water supply optimised for WL 110, operation with other devices possible

WL 110.20 is designed for use with the supply unit for heat exchangers WL 110. The setpoint temperature is specified via the touch screen of the PLC in WL 110.

The cold water supply also completes other units that have specific water supply requirements, for example CE 310, ET 262, WL 376 or WL 210. In this case, the setpoint temperature is specified directly on the controller. The cold water supply allows reasonable operation at high ambient and water temperatures.

The unit is equipped with an integral refrigeration system, water tank and circulating pump. In the water tank, a pipe coil acts as an evaporator for the refrigeration cycle and cools the water.

An electronic controller keeps the water temperature constant.