



# AquaZero 10,50

## standard chiller I open system

The Chiller is compact and easily connectet to an existing pipeline system. They are equipped with a water tank and centrifugal pump. In outlet temperatures below + 10 ° C is the use of antifreeze (glycol, 34%) required.

### Technical specifications:

#### Cooling capacity at water inlet / outlet and ambient temperature:

- **Cooling capacity:** **12.00 kW**  
15 ° C / 20 ° C supply / return, 32 ° C outside temp.
- Operating range Cold water inlet temperature: -5 ° C \* to + 15 ° C
- Operating range outside air temperature: + 5 ° C - + 42 ° C
- Refrigerant: R407C
- CO<sup>2</sup> equivalent: in examination
- Tightness test: NO required \*\*

#### Electrical data:

- Voltage: 400V
- Connection cable: 4m rubber cable with plug
- Power consumption 15/32 ° C: 6.00 kW
- Rated power: 7.00 kW
- Rated current: 12.0 A
- Setpoint constancy: +/- 1K

#### Sounds:

- Noise pressure level: 75 db (A) \*\*\*

#### Air-cooled version:

- Air flow: 6.000 m<sup>3</sup> / h
- Water tank capacity: 160 liters
- Pump pressure: 3.6 bar
- Water volume flow: 1.80 m<sup>3</sup> / h
- Pipe connection: Rp 3/4 " external thread
- Bypass valve with pressure gauge: included
- Dirt trap in the cooling circuit: included
- Float switch f. Wassermangelvoralarm: i ncluded

#### Dimensions:

- Length: 880 mm
- Width: 750 mm
- Height of floor space: 1.600 mm
- Footprint: 0.68 m<sup>2</sup>
- Housing: steel sheets, powder-coated
- Weight, unfilled: 250 kg
- Weight, filled: 410 kg

Danger! Note that when used with water, an inhibitor is added which protects the system parts against corrosion. When operating with water there is a risk of freezing, that is why we recommend to use food save glycol as antifreeze. This already contains the Inhibitor. The mixing ratio should be 34% glycol to 66% water.

All other liquids or additives are not permitted!

\* without condensation protection!

\*\* according to F-Gas Ordinance No. 517 / 20141.1.2015

\*\*\* 1 m distance in free field and 1.2 m height (according to DIN) (tol +/- 1db (A))