

1 - 2,5 KW

Closed-loop Waterchiller

(ATEX Group II, Cat. 2 Zone1)

The chiller is equipped with:

- Condensing Unit Bitzer, with Ex-protector motor, plate heat exchanger (evaporator)
- Circulation pump with Ex-protected Motor
- High and low pressure control
- Filter drier
- Sight glass with indicator
- Expansion valve
- Liquid gas separator
- Crankcase pressure regulator
- Capacity regulator
- Overflow valve
- Expansion pressure vessel
- Automatic float air vent
- Terminal box with Ex-protection
- Frame, cover, sheets, and water tubes made of stainless steel




Technical specifications

Water chiller type	KWS-Ex / 30-3 with closed loop cooling system
Cooling capacity	1 – 2,5 KW
Circulation temperature adjustability	Between -5 °C and +25 °C
Suitable for ambient temperatures	From -15 °C to +40 °C (also available in high temperature version for ambient temperatures up to +55 °C)
Circulation pump capacity	300l/h at dp 3,0 Bar (any other flowrate and pressure available)
Refrigerant	R 134a
Voltage	380-410V, 3Ph, 50 Hz, also available in 60 Hz
Current	6 A
Electrical Power	2,5 KW
Connections	<ul style="list-style-type: none"> • Water outlet: 1" G, external thread • Water inlet: 1" G, external thread • Filling line: ½ "G, external thread
Electrical connections power supply	Line up terminal 6 mm ²