

CHILLER, ICE WATER GENERATOR, AQUAZERO 12 KW



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.

Compact water chiller AquaZero 12,0 kW:

- Cooling water temperature range from: -5°C* to +15°C
- Ambient temperature range from: +5°C to +42°C
- Cooling capacity: 12,00 kW
- Refrigerant: R407C
- According to F-Gas Regulation (EU) No. 517/2014 up to 13.5 kW NO leak test required**
- Power supply: 400 Volt, 3-Phase, 50 Hertz
- Connection cable: 4 meter with plug

- Waterin-/outlet-Connection: 3/4 Zoll external thread
- Water tank volume: 160 litre
- Incl. Bypassvalve, Pressure gauge, Strainer, floating switch for water deficiency
- Dimensions: L 880 x H 1.600 x D 750 mm
- Weight: 250 kg without water and additional options
- Chassis: steel plate, powder-coated

BENEFITS:

- Connection cable 4 meters with plug
- Sieve installed in the water inlet
- Bypass incl. Pressure gauge installed in the device
- Float switch installed for low water alarm
- Digital display with fault and operational signals and external remote release via Nano Terminal
- MicroGroove condenser (micro-channel filter, as sensitive to dirt)
- Evaporator: copper plain tube coil
- A series for min. outlet temperature of -5 ° C.
- Many possible configurable and already assembled e.g. overflow protection
- Made in Germany!

Additional Options:

- Castor set: 2x fixed castors galvanized, 2x swivel castors galvanized, one of them with parking brake
- Overflow protection: positively controlled solenoid valve (0bar) in the return, non-return valve in the flow
- Heating temperature control: heating cartridge with thermostat and safety temperature limiter, 3-way control valve to increase preheating
- Outdoor installation: Compressor with oil sump heating, winter start device for cooling circuit, roof plate closed, operating area outside air temperature extended: -20°C to + 43°C.
- Automatic filling: solenoid valve and float switch max. 6 bar, max. 25 l / min, max. + 60°C
- AquaZero Control EASY | External: Remote control unit with operating module, collective alert lamp, ON-OFF-AUTO switch, wall bracket and 10 meter cable
- Pump pressure increase: Pump pressure increases by 1 to 1.5 bar

Cooling Capacity:

- 15°C Coolant – supply flow temperature
- 20°C Coolant – return flow temperature
- 32°C Outside air temperature of the cooling unit

*An antifrogen should be used if the flow temperature is below + 10 ° C.

**according to F-Gas Ordinance No. 517/2014 January 1st, 2015