



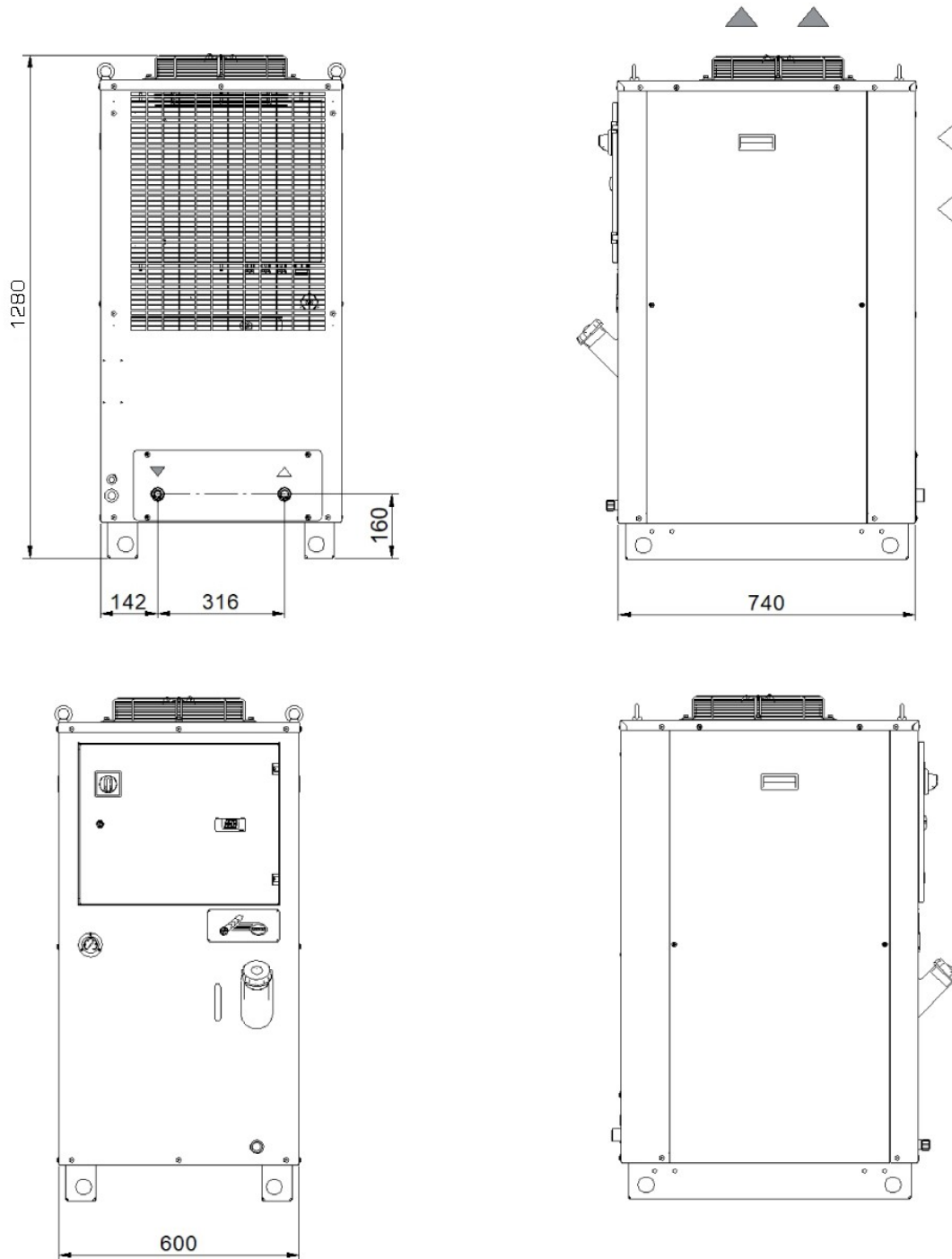
FEATURES:

Air cooled packaged glycol chiller designed for brewery and industrial cooling, including:
Integral 2.7 Bar pump (optional 4.6 Bar pump available)
Integral buffer tank
Refrigerant - R134a
Suitable for indoor or outdoor siting

Specification Overview

Model	TAL93
Cooling Duty @ 25°C Fluid, 20°C Ambient	16.5 kW
Cooling Duty @ 8°C Fluid, 20°C Ambient	8 kW
Cooling Duty @ -4°C Fluid, 20°C Ambient	7.1 kW
Refrigerant / Charge	R134a / 1.3 kg
Fluid	Water/Glycol 30%
Settable Fluid Temperature Range	-8°C to +15°C
Fluid Flow Rate	1,560 to 4,200 Litres/Hour
Ambient Temperature Operating Range	-10°C to +45°C
Internal Pump Nominal Pressure	2.7 Bar
Internal Tank Capacity	50 Litres
Connection Sizes	¾" BSP
Power	400V/3Ph/50Hz
Full Load Amps	9 Amps
Dimensions (mm)	1280 (H) x 740 (L) x 600 (W)
Net Weight	170 Kg
Suitable for Indoor or Outdoor Siting	Fully Weatherproof

Dimensions



STRUCTURE

In powder-coated steel sheet, RAL 7035 textured finish. Easily removed panels

COMPRESSOR

Hermetic reciprocating compressor, cooled by the refrigerant, complete with thermal cut-out.

REFRIGERATION CIRCUIT

Complete with charging port, drier filter, capillary, high-pressure safety pressure switch, R134a refrigerant.

EVAPORATOR

Brazed stainless-steel plate model.

AIR CONDENSER

Finned high-efficiency copper tube condensing coil, complete with safety grille.

AXIAL FAN

Axial fan, complete with thermal cut-out and safety grille.

LIQUID CIRCUIT

Non-ferrous liquid circuit composed of peripheral electric pump, plastic storage tank complete with visual level indicator, 0-10 bar pressure gauge, protective flow switch, regulation sensor.

ELECTRICAL PANEL

With main disconnect switch, fused motor protection.

MANAGEMENT AND CONTROL

The TX110 control unit manages the chiller's operation, providing warnings including high/low temperature alarms and a general serious fault alarm, with the display indicating if this refers to the refrigeration or liquid circuit. An on-off contact allows the machine to be switched on remotely (pump included). Control disconnect switch for switching on the machine.

PAINT/COATING

Standard colour: RAL 7035 textured.

OPTIONAL ACCESSORIES

- BA - Mechanical bypass valve protecting the pump
- RU - Castors
- TD - Differential fluid temperature management (two sensors)
- BGC - Hot gas bypass for +/- 1 K temperature precision
- BGP - Hot gas bypass for +/- 0.5 K temperature precision
- LS - Liquid circuit for laser application
- UL1 - UL certified electrical panel and components
- High pressure pump - 4.6 bar