

Technical Standard Specification



Chill Plus CH20L / CH20L-2C

Medium: Water up to +90°C

Refrigerant: R 513A
 Refrigerant circuits: 1 circuit
 Total filling refrigerant: ca. 4,5 kg
 Power supply: 380-415 V/50 Hz

Heating capacity: see order confirmation
 Heating capacity options: 12 kW and 18 kW

Functional equipment

- Controller: Smart Controller (optional Smart Controller plus for extra charge)
- Set value and actual value display, alarm display and many other features
- Fully hermetical scroll compressor
- Heating with Incolloy stainless steel tube heaters
- Protection grid over condenser in colour of case
- Oil sump heating
- Draining device
- Corrosion-resistant components (stainless steel / nonferrous metal)
- Level monitoring by magnetic float switch
- Dirt trap installed in return line of circulating medium
- Heating control by solid state relay (SSR)
- High and low pressure controller acc. to DIN EN 378
- Attention: pressure rise possible due to integrated pre-pressure pump (depending on construction)



General equipment

- Stainless steel tank, 80 liters, open system, completely insulated
- Self-supporting case with rollers, mobile
- Powder coating
- Unit for indoor placement
- Control cabinet IP 54

Cooling

Capacity

- 19.7 kW in relation to +10°C temperature to process at +30°C ambient temperature
- Temperature range to process standard: +10°C up to +90°C

Condenser

Set-up

- Air-cooled:
- Air quantity: 9,000 m³/h
- Number of fans: 2 pieces
- Inlet air temperature: max. +30°C

Pump

	Standard
Output rate (max.)	150 ltr/min
Pressure (max.)	4.0 bar
Motor capacity	1.1 kW

Booster pump

Output rate (max.)	150 ltr/min
Pressure (max.)	7.5 bar
Motor capacity	2.2 kW

Dimensions/weights/colours

Dimensions L/W/H:	1,465 mm x 750 mm x 1,680 mm (w/o conn.)	
Net weight:	approx. 490 kg	
Colour:	case:	RAL 7035 light grey
	front door:	RAL 7016 anthracite grey

Connections

Circulating medium: DN 32

- Subject to technical changes; latest update: 16.04.2024; changed by B.Nebel -

This unit complies with the European Directives. Other directives and standards are met only if they listed in the order confirmation. This technical specification represents the standard equipment. For non-standard specifications upon customer's request see quotations or O/Cs. In case of contradictory information the quotation or O/C applies.