

Technical Standard Specification



Chill Plus CH3L / CH3L-2C

Medium: Water up to +90°C

Refrigerant:	R 513A
Refrigerant circuits:	1 circuit
Total filling refrigerant:	ca. 1,6 kg
Power supply:	380-415 V/50 Hz

Heating capacity:	see order confirmation
Heating capacity optionally:	3 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



General equipment

- Stainless steel tank, 30 liters, open system, completely insulated
- Self-supporting case with rollers, mobile
- Powder coating
- Unit for indoor placement
- Control cabinet IP 54

Cooling

Capacity

- 3.0 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: 2,000 m³/h
- Number of fans: 1 piece
- Inlet air temperature: max. +42°C

Pump

	Standard
Output rate (max.)	65 ltr/min
Pressure (max.)	4.7 bar
Motor capacity	0.65 kW

Booster pump

Dimensions/weights/colours

Dimensions L/W/H:	820 mm x 640 mm x 1,480 mm (w/o conn.) standard		
Net weight:	approx. 230 kg		
Colour:	case:	RAL 7035 light grey	
	front door:	RAL 7016 anthracite grey	

Connections

Circulating medium:	G 3/4 internal thread (optional 1/2 internal thread)
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- 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.