Hei-CHILL 5000

P/N: 591-01710-00



Comprehensive spectrum of services for demanding temperature control tasks with a cooling capacity of 5,000 W.

- Filling opening at the top, drain tap at the rear
- Integrated programmer with 150 segments, can be divided into 5 programs
- Electronic level indicator and low-level alarm
- SmartCool system for digital, energy-saving cooling control, including automatic compressor control
- Clearly arranged control elements, large TFT display and membrane keypad
- USB interface and an alarm contact are integrated as standard features

Hei-CHILL 5000 - Technical Data

Admissible Session	5 – 31 °C at 80 % rel. humidity 32 – 40 °C decreasing lineary up to max 50% rel. humidity
Weight	▯▯ kg
Protection class (EN 60529)	IP 32
Display	3.5" TFT display (320 x 240 pixels)
Temperature range	-20 – +40 °C
Thermal fluid fill volume	20 – 33 l
Cooling capacity at +20 °C (20 °C ambient temp.)	▯▯▯▯▯ W
Cooling capacity at 0 °C (20 °C ambient temp.)	▯▯▯▯▯ W
Cooling capacity at -10 °C (20 °C ambient temp.)	▯▯▯▯▯ W
Cooling capacity at -20 °C (20 °C ambient temp.)	▯▯▯▯▯ W
Dimensions (w/d/h)	550 x 650 x 970 mm
Digital Interface	USB
Noise level	< 70 dB(A)
Ambient temperature range (storage)	-20 – 50 °C
Pump pressure max.	▯ bar
Pump flow max.	▯▯ l/min
Overvoltage Category	II
Alarm output connection	max. 30 V DC, 0.2 A
Contamination level	2
Distance to surroundings (front and rear)	50 cm
Classification according to DIN 12876-1	I/NFL
Refrigerant	R-449A
GWP(100a) according to IPCC IV	1397
Cooling	Air-cooled

Standard supply voltage	400 V 3/N/PE (50 Hz) or 208 – 220 V 3/PE (60 Hz)
Cooling output	□□□□□ W
Rated Power	400 V 3,300 W / 208 – 220 V 3,600 W
Temperature stability	± 0.05 K