

# Hei-CHILL 5000

## Technical datasheet



|  |   |
|--|---|
| <b>Dimensions (W × H × D)</b>                    | 550 x 970 x 650   |
| <b>Weight</b>                                    | 98 kg   |
| <b>Display</b>                                   | 3.5" TFT display (320 x 240 pixels)   |
| <b>Protection class (EN 60529)</b>               | IP 32   |
| <b>Acoustic pressure</b>                         | < 70 (dB(A)) (in accordance with IEC 61010)   |
| <b>Protection class</b>                          | 1   |
| <b>Overvoltage category</b>                      | II  |
| <b>Operating temperature</b>                     | -20 to 40 °C  |
| <b>Control accuracy</b>                          | ±0.05 K   |
| <b>Circulation pump</b>                          | Max. flow rate (L at 1 bar, H <sub>2</sub> O 20°C): 20   Max. flow pressure (bar, H <sub>2</sub> O 20°C): 2 |
| <b>Class. acc. DIN 12876</b>                     | I/NFL   |
| <b>Refrigerant</b>                               | R-449A  |
| <b>Alarm output connection</b>                   | max. 30 V DC, 0.2 A   |
| <b>Contamination level</b>                       | 2   |
| <b>Distance to surroundings all around (cm)</b>  | 50  |
| <b>Cooling</b>                                   | Air-cooled  |
| <b>Refrigerant fill weight max. (kg)</b>         | 1,1   |
| <b>Thermal fluid fill volume (max./min. (L))</b> | 33/20   |
| <b>Standard supply voltage</b>                   |   |

1 x 400 V 3/N/PE (50 Hz) or 1 x 208 - 220 V 3/PE (60 Hz)

**Cooling output (W)** 5000

**GWP(100a)\*** 1397

**Rated power** 400 V 3300 W | 208 - 220 V 3600 W

**Exhaust air m<sup>3</sup>/h** 2500

**CO<sub>2</sub> equivalent (t)** 1.5

**Storage temperature range** -20 to 50 °C