

Technical specifications

Chillers

	Hei-CHILL 250	Hei-CHILL 350	Hei-CHILL 600	Hei-CHILL 1200
Weight	28 kg	36 kg	52 kg	64 kg
Display	7-segment, LED	7-segment, LED	7-segment, LED	7-segment, LED
Temperature range	-10 – +40 °C	-10 – +40 °C	-10 – +40 °C	-10 – +40 °C
Thermal fluid fill volume	2–4 l	4–7 l	4–8 l	7–14 l
Cooling capacity at +20 °C (20 °C ambient temp.)	250 W	350 W	600 W	1,200 W
Cooling capacity at 0 °C (20 °C ambient temp.)	150 W	200 W	360 W	750 W
Cooling capacity at -10 °C (20 °C ambient temp.)	90 W	120 W	150 W	400 W
Temperature accuracy	±0.5K	±0.5K	±0.5K	±0.5K
Digital interface	RS 232	RS 232	RS 232	RS 232
Noise level	< 70 dB(A)	< 70 dB(A)	< 70 dB(A)	< 70 dB(A)
Ambient temperature range (storage)	5–40 °C	5–40 °C	5–40 °C	5–40 °C
Pump pressure max.	0.35 bar	0.35 bar	1.3 bar	1.3 bar
Pump flow max.	9 l/min	9 l/min	20 l/min	20 l/min
Overvoltage category	II	II	II	II
Alarm output connection	max. 30 V DC, 0.2 A	max. 30 V DC, 0.2 A	max. 30 V DC, 0.2 A	max. 30 V DC, 0.2 A
Contamination level	2	2	2	2
Distance to surroundings (front and rear)	40 cm	40 cm	40 cm	40 cm
Classification according to DIN 12876-1	I/NFL	I/NFL	I/NFL	I/NFL
Refrigerant	R-134a	R-134a	R-134a	R-134a
GWP (100a) according to IPCC IV	1430	1430	1430	1430
Transportation temperature range	-20 – +60 °C	-20 – +60 °C	-20 – +60 °C	-20 – +60 °C
Cooling	Air-cooled	Air-cooled	Air-cooled	Air-cooled
Standard supply voltage	230 V (50 Hz) or 115 V (60 Hz)	230 V (50 Hz) or 115 V (60 Hz)	230 V (50 Hz) or 115 V (60 Hz)	230 V (50 Hz) or 115 V (60 Hz)
Rated power intake (230 V/115 V)	230 W/230 W	500 W/ 500 W	700 W/750 W	1,100 W/1,150 W
Cooling output	250 W	350 W	600 W	1,200 W
Dimensions w/d/h	200×375×465 mm	240×430×500 mm	350×515×590 mm	450×585×640 mm
Permissible ambient conditions	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity	5–31 °C at 80% rel. humidity, 32–40 °C decreasing linearly up to max. 50% rel. humidity
Protection class DIN EN 60529	IP 32	IP 32	IP 32	IP 32