

15 Technical specifications

Model No. SK	3201.200	3201.300
Dimensions in mm	W 125 H 400 D 155	
Operating voltage in volts, Hz	100 – 240 V AC, 50/60 Hz	24 V DC
Useful cooling output $\dot{Q}_k$ to DIN 3168	L 35 L 35	100 W (heating output 200 W [min. 100 W])
Power consumption P_{el} to DIN 3168	L 35 L 35	Max. 100 W
Refrigeration factor (max.)/COP	L 35 L 35	1.0
Power pack	integral	–
Housing colour	RAL 7024/anodised aluminium	
Protection category according to EN 60 529	Internal circuit External circuit	IP 54 IP 24
Weight	3.0 kg	2.4 kg
Noise level	Max. 63 dB(A)	
Operating temperature	–30°C to +55°C	–30°C to +60°C
Storage temperature	–30°C to +70°C	
Installation position	Horizontal or vertical	
Air throughput, unimpeded air flow	Internal circuit External circuit	132 m³/h 132 m³/h
Temperature setting range – cooling/heating	+5°C to +55°C/–10°C to +20°C	
Cooling/heating activation temperature	+35°C (factory setting)/+5°C	
Type of connection	Plug-in terminal strip	
Pre-fuse gG	4 A	10 A
Floating change-over contact; contact loading	DC: 6...30 V/0.1...2 A AC: 250 V/2 A	

Tab. 3: Technical specifications

Technical modifications reserved.

Variable	Range	Default value	EEPROM
Cooling setpoint	+5°C to +55°C	+35°C	Yes
Alarm message – overtemperature	(0)2...15 K (0 = off)	5 K	Yes
Setpoint heating	–10°C to +20°C	+5°C	Yes
Alarm message – temperature too low	(0)2...15 K (0 = off)	5 K	Yes

Tab. 4: Setting ranges

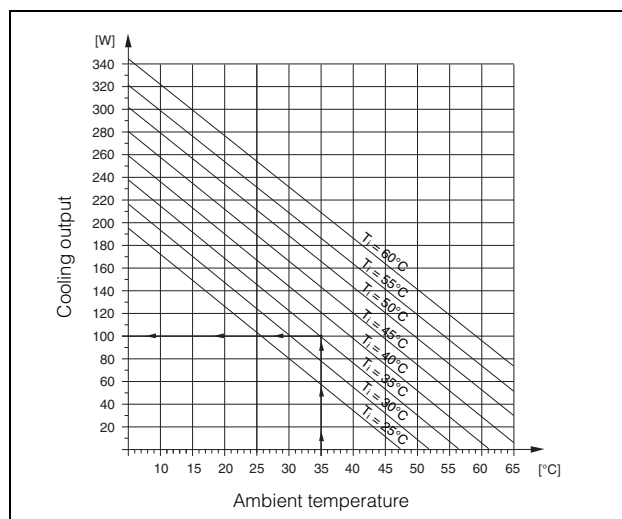


Fig. 23: Cooling output characteristic curve for full internal mounting and an enclosure internal temperature T_i of 35°C

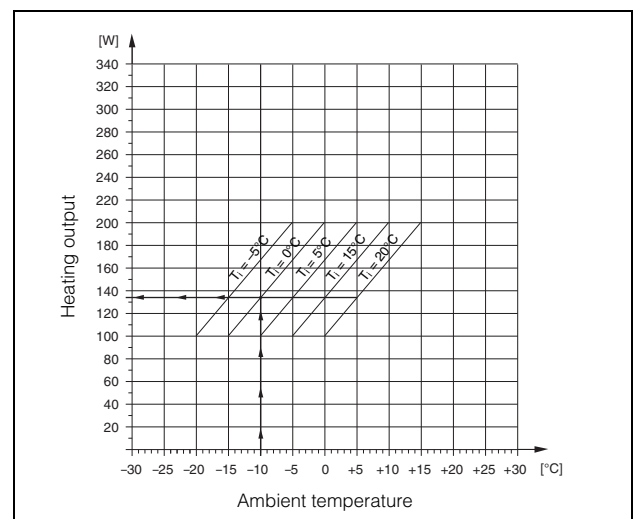


Fig. 24: Heating output characteristic curve for full internal mounting and an enclosure internal temperature T_i of –10°C

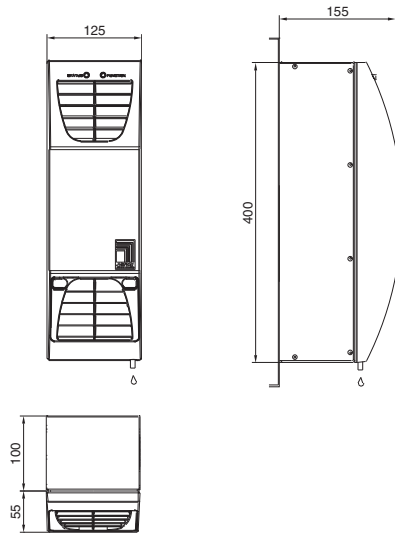
Climate control

Cooling units

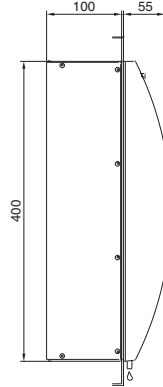
Thermoelectric coolers

SK 3201.200, SK 3201.300

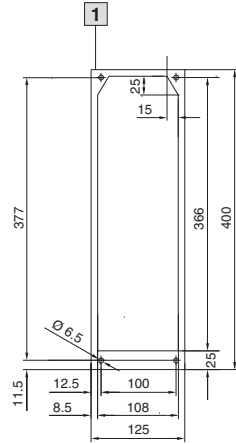
External mounting



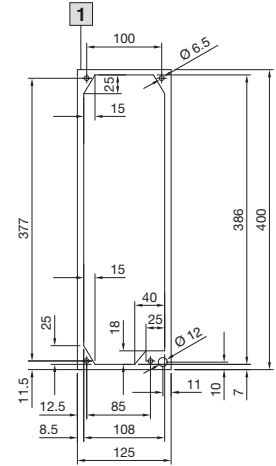
Internal mounting



Mounting cut-out for external mounting



Mounting cut-out for internal mounting

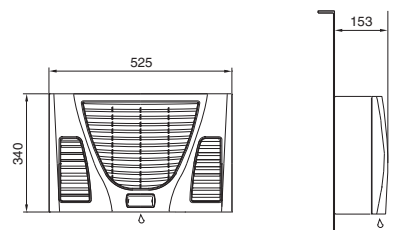


1 Outer contour of climate control unit

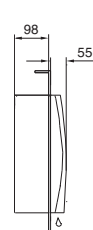
Wall-mounted cooling units

TopTherm, horizontal format, SK 3302.300, SK 3302.310

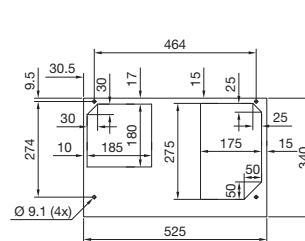
External mounting



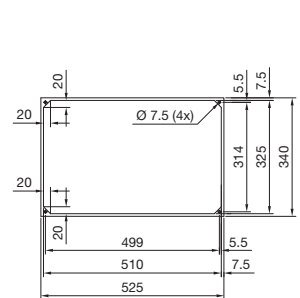
Internal mounting



Mounting cut-out for external mounting

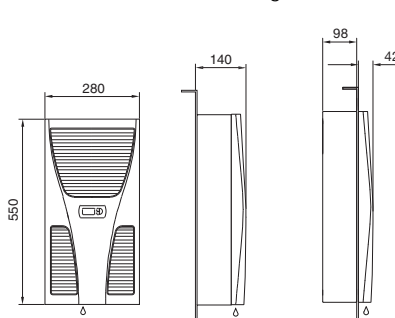


Mounting cut-out for internal mounting

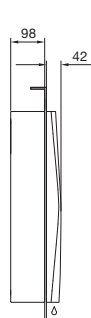


TopTherm, SK 3302.XXX

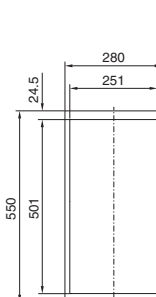
External mounting



Internal mounting



Mounting cut-out for external mounting



Mounting cut-out for internal mounting

