

Air/Water Heat Exchanger: 5000 W for side-mounting



- high air flow rate
- compact design
- suitable for external installation
- thermostat and solenoid valve for temperature control
- integrated temperature monitoring system with alarm contact
- sealed: no extra work on the installation cutout necessary
- maintenance free



Cutout compatibility



Max. distance between air inlet and -outlet



Min. unit depth



Suitable for both 50 Hz and 60 Hz



System of protection



Outside installation

Refrigeration data	PWS 7502
Cooling capacity at W10/A35 – nominal conditions*	5200 W
Air volume (free-flow)	1670 m ³ /h
Water volume	400 l/h
Water intake temperature	+10 °C (> +1 °C – +35 °C)
Air intake temperature	+35 °C
Thermostat setting	adjustable within a range of +8 °C – +50 °C, factory-set +35 °C
Noise level (3 m distance)	57 dB (A)
Condensate discharge	drip pan with safety overflow
Duty cycle	100%
Admissible operating pressure	1 – 10 bar

* water intake temperature +10 °C (W10), air intake temperature +35 °C, water volume= 400 l/h

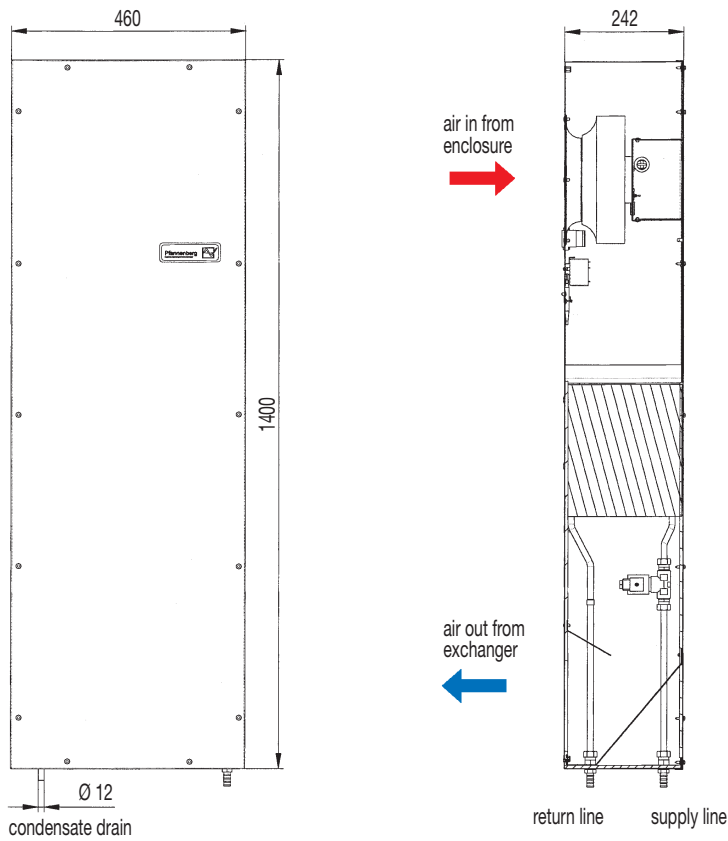
Electrical data	PWS 7502	
Rated voltage**	230 V	115 V
Rated frequency	50 Hz/60 Hz	60 Hz
Voltage range according to DIN IEC38	198 V ... 252 V	104 V ... 127 V
Power consumption	295/385 W	384 W
Current consumption	1,3/1,7 A	3,45 A
Starting current	5,8/6,6 A	8,33 A
Type of connection	plug-in connector	
Primary fuse T	6 A	

** other voltages available on request

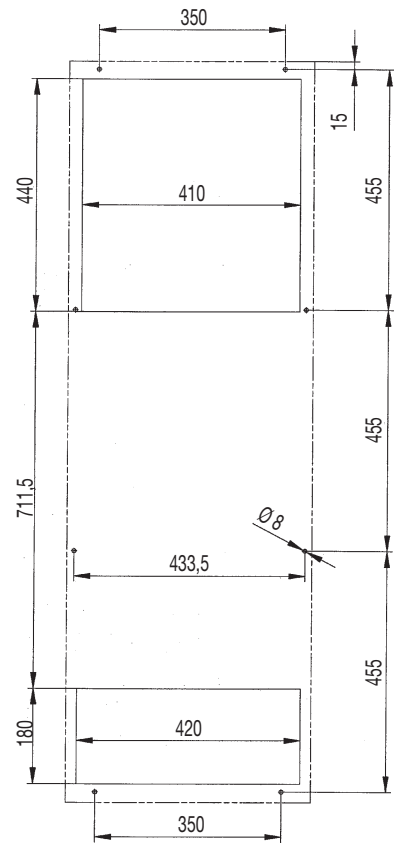
Supplementary data	PWS 7502
Weight (without packaging)	39 kg
Connection to water supply	13 mm hose nipple, special connections available on request
Orientation	vertical
Construction material	sheet steel, enclosure stainless steel 1.4301 (240 corundum) available on request
Colour	RAL 7035, RAL 7032, other colours available on request
Electric shock protection	according to EN 60529
Climatic data	max. ambient temperature +70 °C / max. relative humidity 90%
System of protection	IP 55 (EN 60529) against the enclosure, when used as recommended, IP 65 on request
Standard scope of supply	incl. sealing material, fixing material, operating instructions. Connection to water supply with inside taper
Temperature monitoring	integrated thermostat with changing contact, capacity 16 A, adjustable range +8 °C – +50 °C
Alarm contact	10 K using setpoint
Approvals	see overview cooling units / approvals

Mechanical data:

PWS 7502



**Installation cutout
outside mounting**



Characteristic curves: PWS 7502 - Effective refrigeration capacity

