

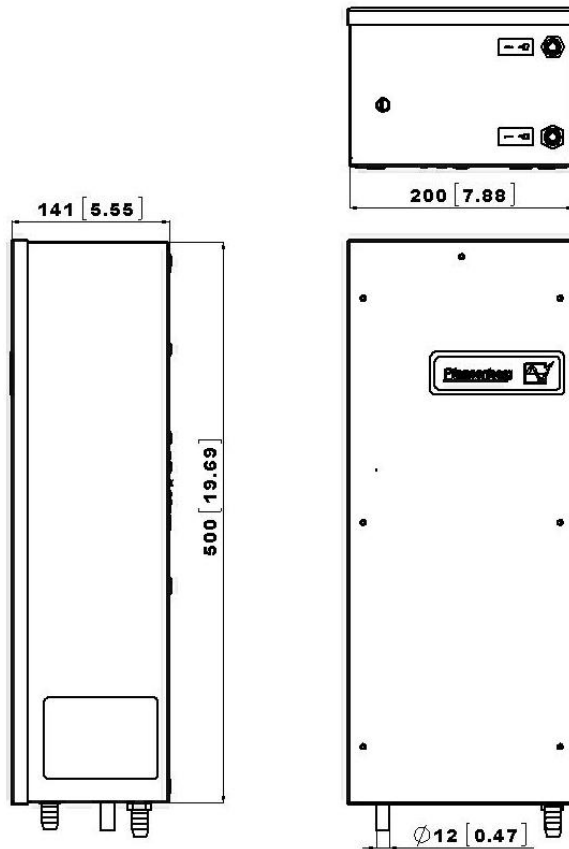
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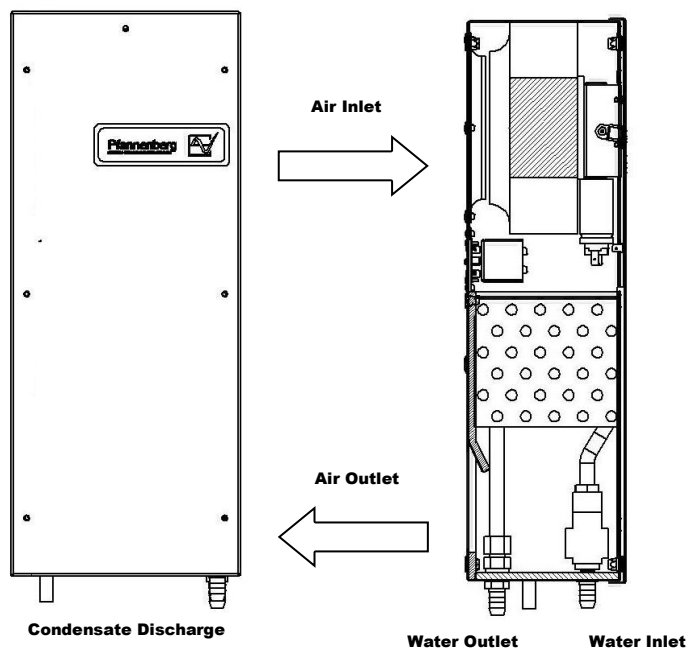
1. Technical Data

Model	PWS 7102
Cooling data	
Cooling capacity at (cab temp. 35°C / water temp. 10 °C/ water flow rate 200 l/h)	950 W
Refrigerant	Water
Thermostat setting (factory setting)	+35°C / 95°F
Thermostat range of adjustment	min. 8°C / 46,4°F - max. 50°C / 122°F
Water flow rate	200 l / h (53 Gal / h)
Water inlet temperature (nominal /range)	10°C (>+1°C to +35°C) / 50°F (>+34°F to +95°F)
Operating pressure	1 to 10 bar (14.5 to 145 psi)
Air volume	260 m ³ / h (153 CFM)
Ambient air temperature	+2°C / 36°F . . . +70°C / 158°F
Enclosure internal temp.	+25°C / 77°F . . . +45°C / 113°F
Duty cycle	100 %
Noise level (1m)	48 db(A)
Condensation discharge	Through condensate drain connection
Electrical data	
Rated voltage	115V / 230V AC
Mains frequency	60 Hz
Power consumption	95 W / 84 W
Rated current	0.69 A / 0.4 A
Starting current	1.4 A / 1.8 A
Terminal connection wire gauge	max. 2,5 mm ² / AWG 16
Pre-fuse T	4 A gG
Temperature monitoring (alarm)	max.230V AC, 8 (1,5)A cosφ=1 (0,6) max. 230V DC, 0,25A
Alarm switch setting (Thermostat Option Only)	+10°C over temperature set point
Dimensions	
Height x Width x Depth: mm (in)	500 x 200 x 138 (19.69 x 7.87 x 5.43)
Weight without packaging: kg (pounds)	7.5 (16.5)
other	
Installation orientation	vertical
Cooling water connection	Hose nipple 13mm (1/2")
Condensate discharge	Pipe d=12mm
Unit construction	steel
Corrosion protection	Galvanized steel, electrostatically powder coated (200°C) / stainless steel
Protective category (UL)	Type 12 / 3R4 / 4X (stainless steel)

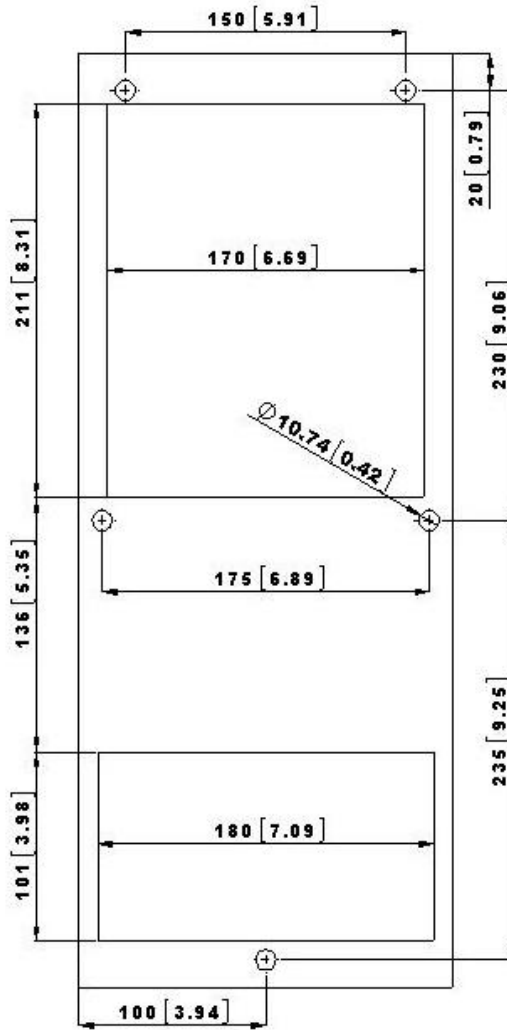
2. unit (main measurements)



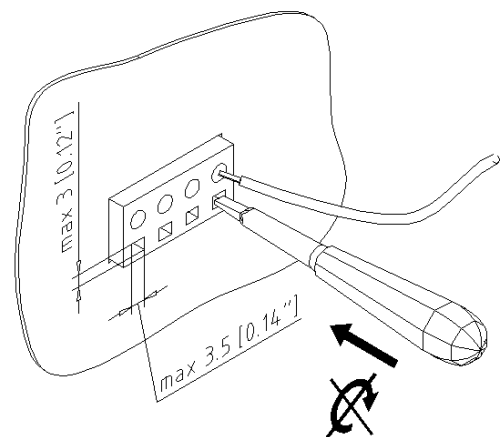
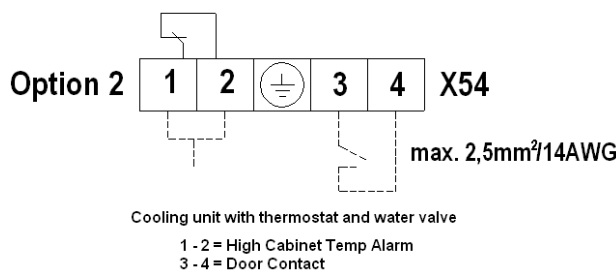
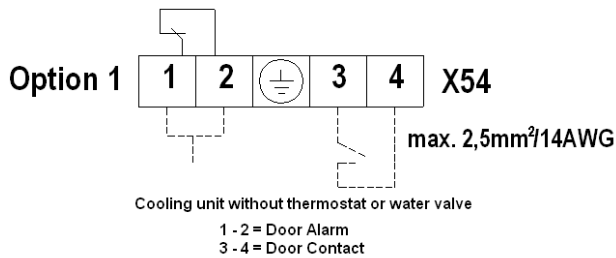
3. operational principle



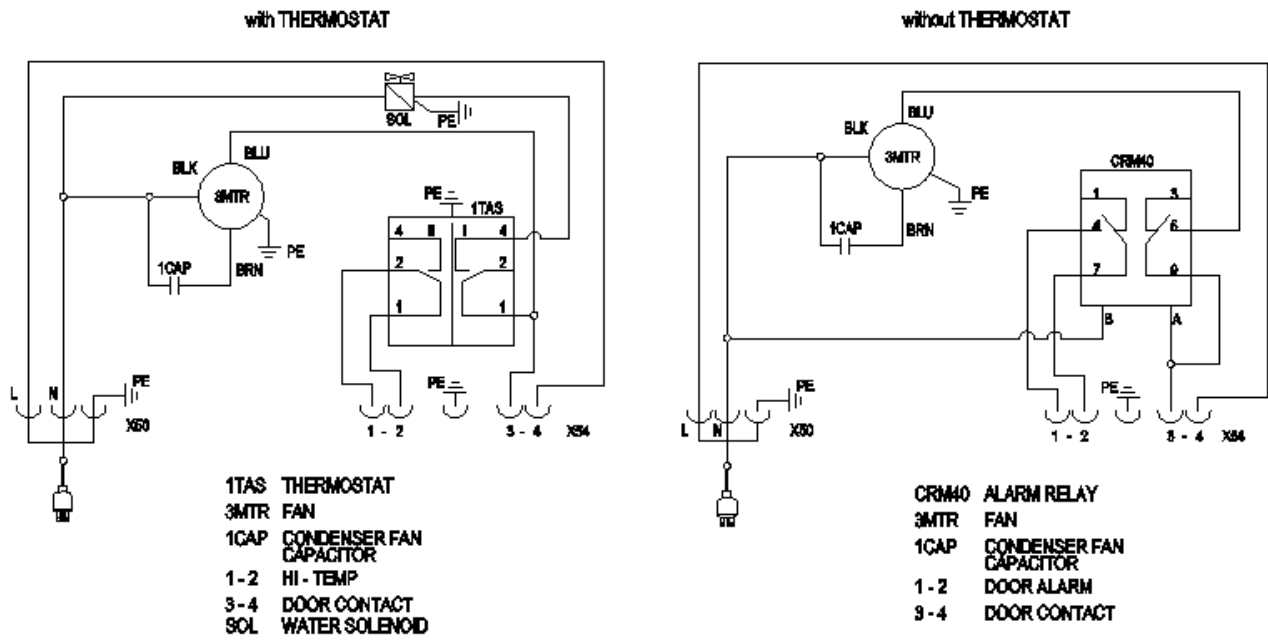
4. Mounting cut out



5. electrical connection (external)



6. Circuit Diagram (internal)



7. Spare parts

Please order your spare parts only with the Pfannenberg-parts-number.

115V Fan	1811100007	230V Fan	18811100009
Single solenoid valve	18715000000	thermostat	18713000001