

Pfannenberg Project Book

PWS 7152 / PWS 7332

Air/Water Heat Exchanger

Cooling capacity

1500 W (5118 Btu/h)/ 3150 W (10748 Btu/h)



- Two performance classes, cut-out compatible
- UL 484 Listed, category ACVS, UL file #SA10300, CE approved for European use
- Maintains a UL Tested NEMA Type 12/3R/4 seal against enclosure with Ansi 61 and Ral 7035 versions and a UL Tested NEMA Type 12/3R/4 /4X seal against enclosure on Stainless Steel Options
- 304 Stainless steel cover to match enclosures, with # 3 polish
- Completely installable or mountable externally and internally
- Maintenance-free design
- Easy to mount seal, no elaborate reworking of the mounting cut-out
- Integrated thermostat and solenoid valve for temperature control
- Integrated temperature monitoring with alarm contact

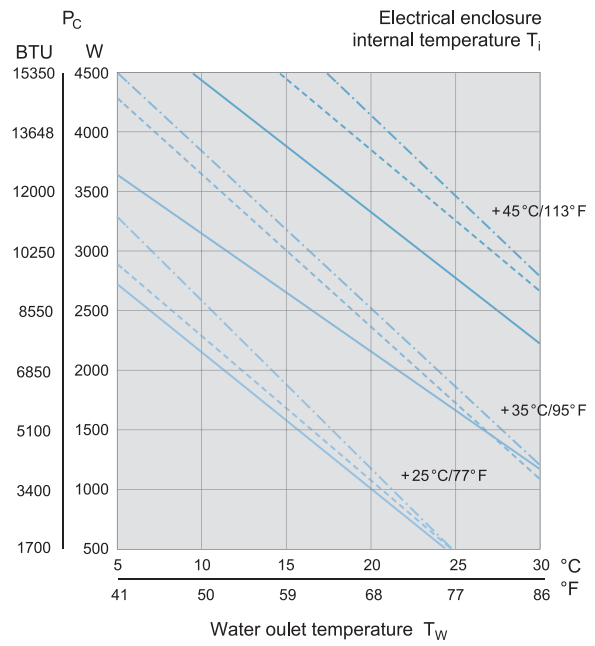
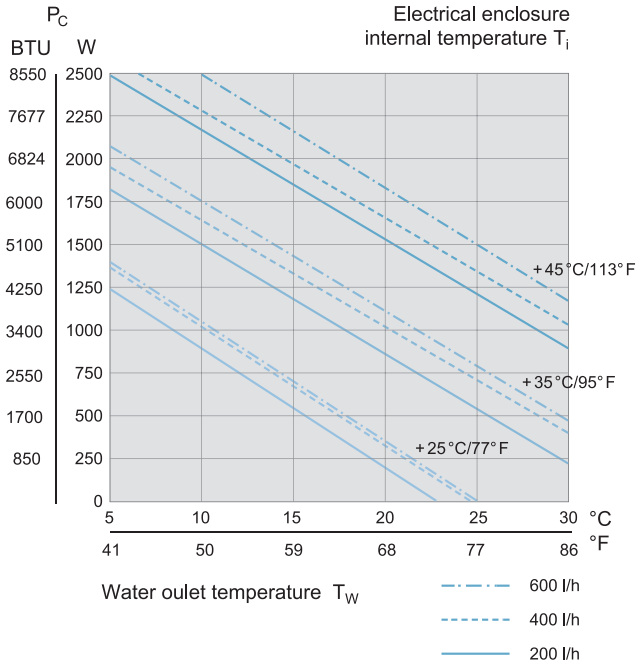
Data		PWS 7152		PWS 7332		Unit
Part number	Ansi 61 (Gray)	12351520001	12351510001	12353020001	12353010001	
	RAL 7035 (Lt. Gray)	12351520005	12351510005	12353020005	12353010005	
	304 Stainless Steel	12351520008	12351510008	12353020008	12353010008	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz	AC 60 Hz	AC 50 Hz / 60 Hz	AC 60 Hz	V
		230	115	230	115	
Cooling performance at 200 l/h	W10/A35	5118 (1500)		10748 (3150)		Btu/h (W)
Power consumption	W10/A35	125 / 182	186	295 / 385	453	W
Current consumption	W10/A35	0.55 / 0.79	1.7	1.3 / 1.95	3.8	A
Starting current	W10/A35	2 / 2	3.9	5.8 / 6.6	8.62	
Unimpeded airflow (free flow)	internal	500		980		CFM
Fuse (Recommended)		4	6	6	16	A
Connection	electro	spring-type terminal included with plug				
	fluid	13 mm hose nozzle; other connectors on request				
Noise level (according to EN ISO 3741)		53		54		dB(A)
Weight (without packaging)		46 (21)		51 (23)		lb (kg)
Ambient temperature range		> + 34 ... + 158 / > + 1 ... + 70				°F / °C
Control range (adjustable)		+ 47 ... + 122 / + 8 ... + 50; factory setting + 95 / + 35				
Water outlet temperature		> + 35 ... + 1 / > + 95 ... + 35				
Permissible operating pressure		max. 10				bar
Duty cycle		100 %				
Condensate management		condensate drain				
Protection System according to NEMA Type		NEMA Type 12/3R/4 or 4X on stainless, if used as intended by the manufacturer				
		NEMA Type 1 toward the surroundings when properly installed				
Design	housing	galvanized steel/electrostatically powder-coated (200 °C); or stainless steel				
	heat exchanger	copper pipe with aluminum fins; stainless steel piping on request				

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Cooling Capacity Performance Curve

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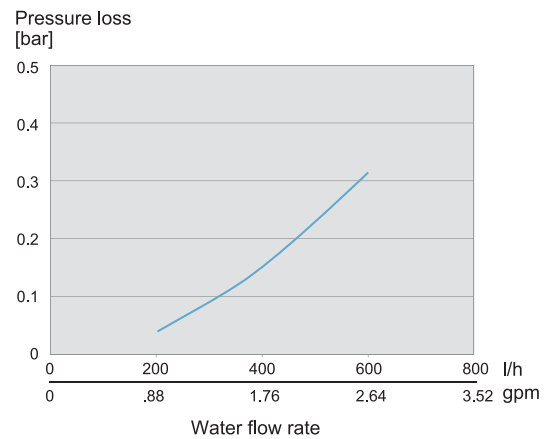
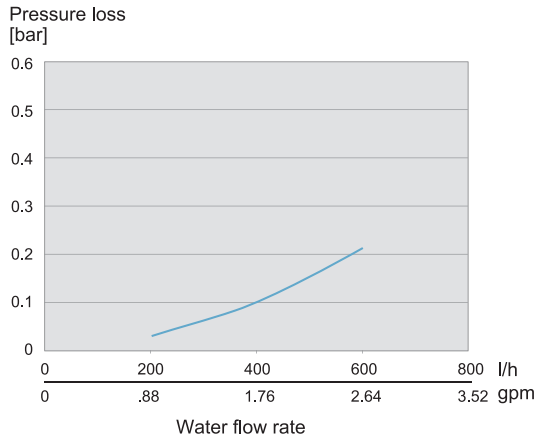
PWS 7332



Pressure Loss Performance Curve

PWS 7152

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Dimensions		
Dimension	PWS 7152	PWS 7332
	inches (mm)	inches (mm)
X	15.75 (400)	
Y	37.40 (950)	
Z	4.53 (115)	7.48 (190)
A	11.02 (280)	
B	18.23 (463)	
C	4.41 (112)	
D	1.46 (37)	
E	35.59 (904)	
F	13.39 (340)	
G	11.02 (280)	

Mounting holes \varnothing 8 mm

