



Pocket Wall Units

by Smith's Environmental Products

Recessed Pocket Wall Units Fully Integrated Pocket Wall Fan Convectors



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Engineering Specifications

Construction. The one piece chassis and grille is manufactured from high grade zinc coated steel. The grille and exposed parts of the chassis are painted with a neutral color baked enamel finish.

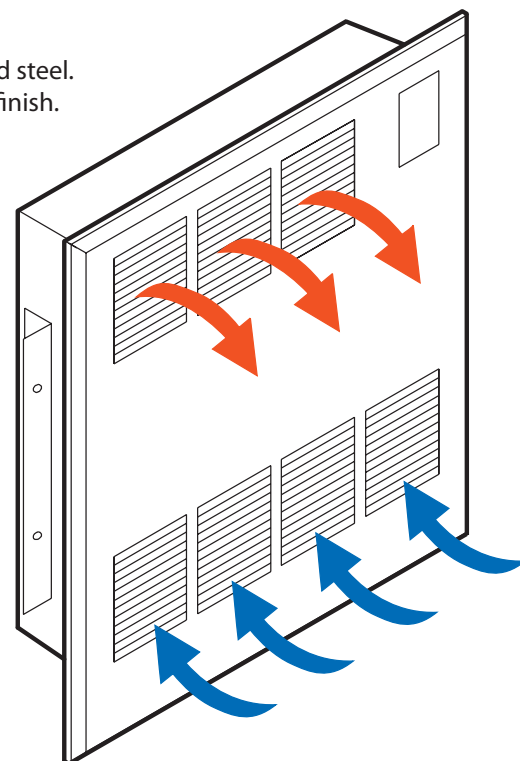
Heat Exchanger. A highly efficient, headered coil, made of copper tubes expanded into smooth aluminum plate fins (10 FPI), tested at 300 PSI, and sealed for quality. The heat exchanger is positioned in the unit for maximum heat transfer over the coil.

Fan and Motor Assembly. High spec tangential EBM fan and motor assembly consists of high static fan wheel and scroll, detachable motor, replaceable "easy glide" sleeve bearings, and the fan and motor cut out are protected to UL/CSA specifications. This fan and the motor assembly are designed to run whisper quiet without vibration.

Controls. The units have integral two speed, max.-off-min., fan switches. The LTC – low limit aquastat is also a high spec item with a close tolerance designed to close on a rise to 110°F+/-3°F and open at 90°F+/-3°F.

Water Connections. Supply and return connections are 1/2" sweat connections located to the left of the unit as you face the grille. A water vent with wide convenient screwdriver slot is accessible through the grille.

Electrical Connections. 120/60/1 power supply is required. All that's required is to knock out the junction box hole you want to use and wire to the L1 and L2 leads. There is a convenient one screw access plate on the top of the unit to get at the ground.



Other products by Smith's Environmental



Quiet-One Kickspace Units



Heating Edge Perimeter Units



PSU Fan Convectors



FL-100 In Floor Units

- The PWU Pocket Wall Units Come Completely Assembled And Ready To Install
- 5 Sizes With Outputs Ranging From As Low As 1730 BTU/HR To 15795 BTU/HR
- Whisper Quiet Operation That Quiet-One Products Are Known For
- Attractive And Highly Crafted Grille Design
- Easily Accessible Air Vent Is Built Into The Product
- Two Position Speed Control Hidden Behind Access Door
- 5 Year Warranty

PWU 2/3
PWU 4/6
PWU 6/8
PWU 8/10
PWU 13/15

Designed to deliver maximum heat in the minimum amount of space... quietly and reliably

Features & Benefits

- Completely Assembled self-contained heating unit comes out of the box ready to install.
- 5 sizes to choose from
PWU-2/3 — 1730 - 3800 BTU/Hr.
PWU-4/6 — 2529 - 6390 BTU/Hr.
PWU-6/8 — 3525 - 8529 BTU/Hr.
PWU-8/10 — 4185 - 9855 BTU/Hr.
PWU-13/15 — 7002 - 15795 BTU/Hr.
- Quality Sheet Metal
The PWU grille and chassis are quite possibly the finest examples of sheet metal crafting in the industry.
- Quiet Performance
In the tradition of The Quiet-One family, the PWU is a silent, yet powerful performer thanks to our proven Teflon bearing technology.
- Protrudes only 7/8"
This makes the PWU the perfect choice in applications where space is at a premium.
- Header Type Coil
This mechanically bonded heat exchanger is positioned in such a way that it fully utilizes the air stream as it gently thrusts heat into the room.
- 5 Year Warranty
Our confidence in the quality of our products allows us to extend this generous warranty.
- User Friendly Features
2 speed fan control and air vent are easily accessed through our finely crafted, unique gravity-glide access door.
- Installer Friendly Features
Our integrated design assures you'll be off the job quickly.
- UL Approved
Our products are tested to UL standards.



The Pocket Wall Unit

The perfect product for foyers, hallways, family rooms, finished basements and even for taking the chill off of a garage



PWU's Thermal Performance								
Model	Flow (Gals.)	Entering Water Temperature (Entering Air Temp @ 65°F)						
		140°F	150°F	160°F	170°F	180°F	190°F	200°F
PWU 2/3	1 GPM	1730	1942	2153	2415	2634	2864	3104
	3 GPM	2142	2359	2538	2786	3037	3282	3542
	5 GPM	2298	2516	2725	2983	3254	3524	3800
PWU 4/6	1 GPM	2529	2961	3285	3663	3906	4167	4572
	3 GPM	3294	3645	4050	4482	4941	5292	5670
	5 GPM	4050	4410	4815	5220	5490	5895	6390
PWU 6/8	1 GPM	3525	4016	4441	4880	5292	5703	6180
	3 GPM	4435	4918	5429	6010	6591	7130	7697
	5 GPM	5292	5717	6260	6856	7347	7915	8529
PWU 8/10	1 GPM	4185	4689	5175	5634	6174	6696	7200
	3 GPM	5211	5724	6291	6966	7614	8289	8991
	5 GPM	6030	6480	7110	7840	8505	9180	9855
PWU 13/15	1 GPM	7002	8352	9180	10215	11088	12105	12951
	3 GPM	8154	9045	10017	11556	13068	14121	15120
	5 GPM	8640	9675	10575	12060	13500	14715	15795

Dimensions						
Front Panel	A		B			
PWU 2/3	16½"		14⅝"			
PWU 4/6	19½"		17⅞"			
PWU 6/8	19½"		17⅞"			
PWU 8/10	19½"		21"			
PWU 13/15	19½"		31½"			
Chassis	C	D	E	F	G	
PWU 2/3	14½"	7⅞"	3/8"	12⅞"	3½"	
PWU 4/6	17½"	7⅞"	3/8"	14⅞"	3½"	
PWU 6/8	17½"	7⅞"	3/8"	14⅞"	3½"	
PWU 8/10	17½"	7⅞"	3/8"	18⅜"	3½"	
PWU 13/15	17½"	7⅞"	3/8"	28⅞"	3½"	

