

# QUIET-ONE<sup>™</sup> 2000

## RECESSED POCKET WALL UNIT SERIES

MODELS  
PWU-4/6  
PWU-8/10  
PWU-13/15

### SUBMITTAL DATA INFORMATION

#### 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.

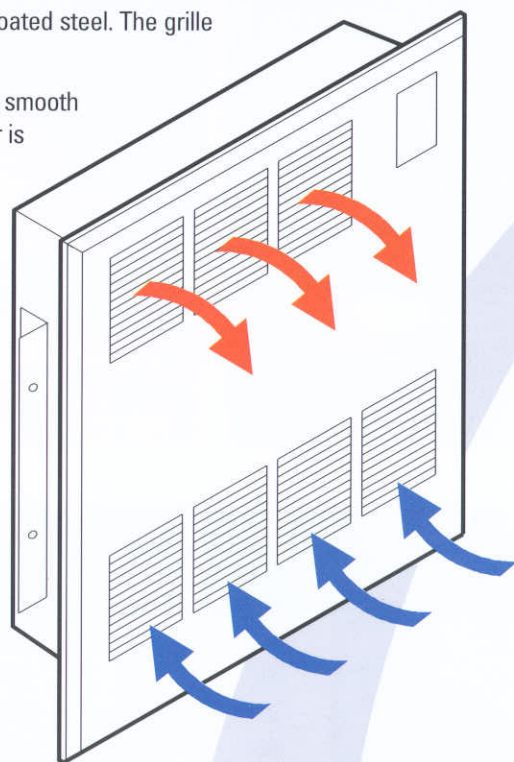
**Heat Exchanger.** A highly efficient, headered coil, made of copper tubes expanded into smooth aluminum plate fins (10 FPI), tested at 300 PSI, and sealed for quality. The heat exchanger is positioned in the unit for maximum heat transfer over the coil.

**Fan and Motor Assembly.** High spec tangential SEL 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 130°F+/-3°F and open at 110°F+/-3°F. For low temperature systems you will have to change out the aquastat located in the main electrical box easily removed from its hold on clip.

**Water Connections.** Supply and return connections are ½" 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.

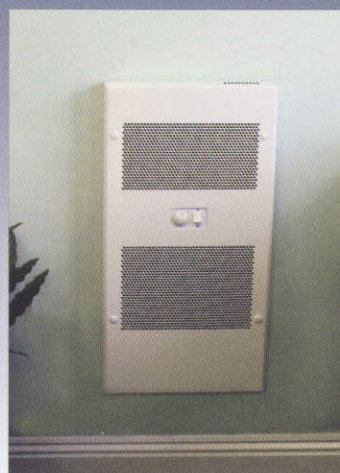
**Electrical Connections.** 120/60/1 power supply is required. All that's required is to knock out the junction box hole you want to use and wire to the L1 and L2 leads. There is a convenient one screw access plate on the top of the unit to get at the ground.



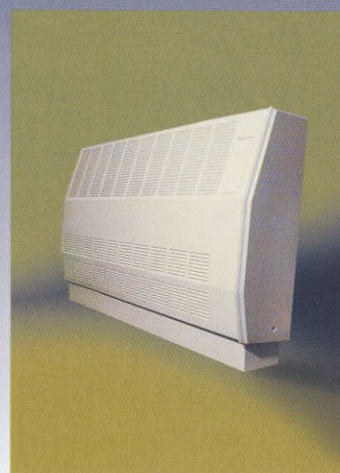
#### Other products by Smith's Environmental



Quiet-One Kickspace Units



Cold Front Heat & Cool



PSU Fan Convectors

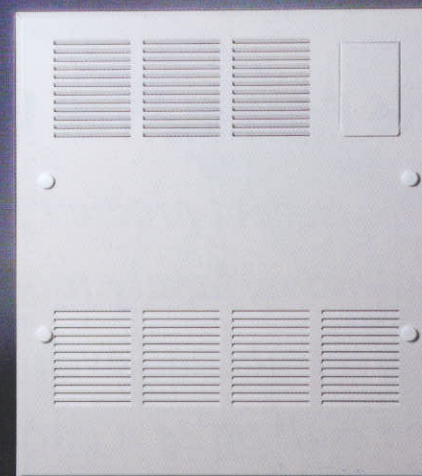


FL-100 In-Floor Unit

# QUIET-ONE<sup>™</sup> 2000

## RECESSED POCKET WALL UNIT SERIES

**Brand New!**  
from the  
**QUIET-ONE**



## The Pocket Wall Unit

Models  
**PWU 4/6**  
**PWU 8/10**  
**PWU 13/15**

### Fully Integrated Pocket Wall Fan Convactor

- The PWU Pocket Wall Units come completely assembled and ready to install... no assembly of a kickspace unit and separate wall kit is required
- 3 sizes with outputs ranging from 2,000 BTU/HR to 15,000 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



**ENVIRONMENTAL PRODUCTS**

300 Pond Street, Randolph, MA 02368 • (781) 986-2525 • [www.smithsenvironmental.com](http://www.smithsenvironmental.com)



ENVIRONMENTAL PRODUCTS®

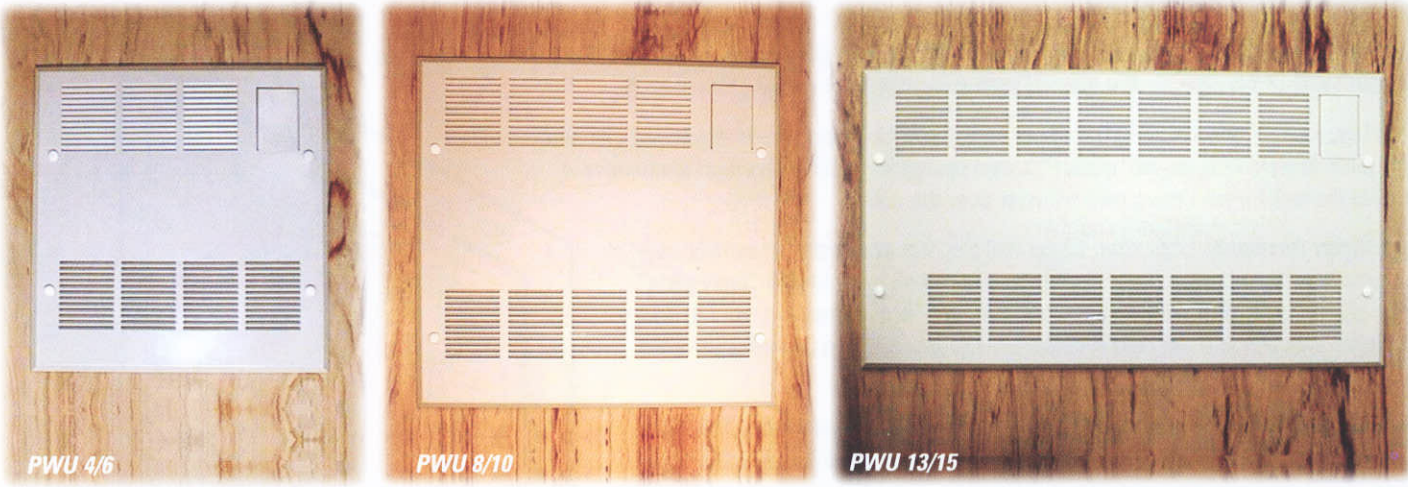
**Features & Benefits**

- **Completely Assembled**  
self-contained heating unit comes out of the box ready to install.
- **3 sizes to choose from**  
PWU-4/6 — 2,000-6,000 BTU/Hr.  
PWU-8/10 — 4,000-9,000 BTU/Hr.  
PWU-13/15 — 8,000-15,000 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.

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

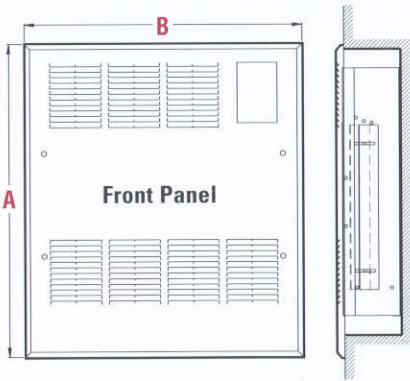
**The Pocket Wall Unit**

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



| PWU BTU/HR Ratings at high speed - Water Flow Rate (Gallons Per Minute) |           |            |             |           |            |             |           |            |             |
|-------------------------------------------------------------------------|-----------|------------|-------------|-----------|------------|-------------|-----------|------------|-------------|
| Entering Water Temperature (°F)                                         | 1 GPM     |            |             | 3 GPM     |            |             | 5 GPM     |            |             |
|                                                                         | Model 4/6 | Model 8/10 | Model 13/15 | Model 4/6 | Model 8/10 | Model 13/15 | Model 4/6 | Model 8/10 | Model 13/15 |
| 140°                                                                    | 2529      | 4185       | 7002        | 3294      | 5211       | 8154        | 4050      | 6030       | 8640        |
| 150°                                                                    | 2961      | 4689       | 8352        | 3645      | 5724       | 9045        | 4410      | 6480       | 9675        |
| 160°                                                                    | 3285      | 5175       | 9180        | 4050      | 6291       | 10017       | 4815      | 7110       | 10575       |
| 170°                                                                    | 3663      | 5634       | 10215       | 4482      | 6966       | 11556       | 5220      | 7840       | 12060       |
| 180°                                                                    | 3906      | 6174       | 11088       | 4941      | 7614       | 13068       | 5490      | 8505       | 13500       |
| 190°                                                                    | 4167      | 6696       | 12105       | 5292      | 8289       | 14121       | 5895      | 9180       | 14715       |
| 200°                                                                    | 4572      | 7200       | 12951       | 5670      | 8991       | 15120       | 6390      | 9855       | 15795       |

Ambient air temp: 65°F • Flow rates 1, 3 and 5 Gallons per Minute



| Dimensions  |      |     |      |      |     |
|-------------|------|-----|------|------|-----|
| Front Panel | A    |     | B    |      |     |
| PWU 4/6     | 19½" |     | 17½" |      |     |
| PWU 8/10    | 19½" |     | 21"  |      |     |
| PWU 13/15   | 19½" |     | 31½" |      |     |
| Chassis     | C    | D   | E    | F    | G   |
| PWU 4/6     | 17½" | 7½" | 3/8" | 14½" | 3½" |
| PWU 8/10    | 17½" | 7½" | 3/8" | 18½" | 3½" |
| PWU 13/15   | 17½" | 7½" | 3/8" | 28½" | 3½" |

