



# *HeatHandler*

by Pro-Fab Industries Inc.

## Water-to-Air Heat Exchanger



- MULTI-POSITION DIRECTIONAL AIR DISTRIBUTION
- RUGGED HEAVY GAUGE CABINET
- BUILT IN AIR FILTER RACK
- BUILT IN HANGERS FOR 3/8" ROD
- ON/OFF SWITCH
- EXTERNAL FAN SPEED SWITCH





The *HeatHandler* is a **water to air heat exchanger** offering clean, efficient heat for houses, offices, factories, greenhouses, barns, shops and garages. It can be used as a space heater or in conjunction with existing ductwork.

With three sizes ranging from 105,000 to 225,000 BTU's and a variety of installation arrangements, the *HeatHandler* offers options for every application. The *HeatHandler* maximizes comfort by **constantly circulating hot water** through the coil, eliminating cold blasts of air on start up. Acoustic insulation and a whisper quiet fan guarantee smooth, quiet operation.

## Applications



### HOUSES

Connect a *HeatHandler* directly to an existing duct system or in conjunction with a new boiler installation to circulate comfortable hydronic heat to every room of the house.



### BARNS

Position multiple *HeatHandlers* throughout the barn to keep air circulating at a consistent temperature.



### GREENHOUSES

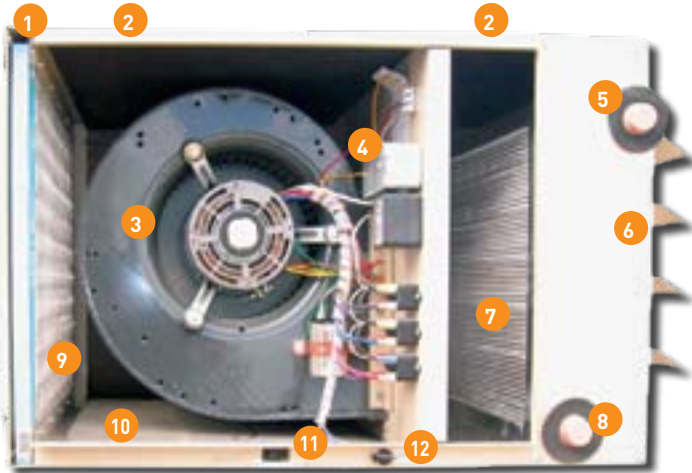
Install *HeatHandler* units directly onto the greenhouse frame to maintain air circulation and constant heat in any season.



### OFFICES, FACTORIES, SHOPS AND MORE...

Heat a building or room of any size with one of *HeatHandlers* many options. Install the unit vertically or horizontally as a space heater or connect it to existing duct work or in-floor heat. Besides providing comfortable, efficient heat, *HeatHandler* also circulates air throughout the work area, improving humidity and air quality.

# HeatHandler Up Close



- |  |  |
|--|--|
| <b>1 Durable powder coat painted cabinet</b> | <b>7 Heavy duty water coil</b>             |
| <b>2 Built in hangers for 3/8" rod</b>       | <b>8 Water inlet port</b>                  |
| <b>3 Quiet squirrel cage fan</b>             | <b>9 Air filter rack</b>                   |
| <b>4 Heavy duty electric circuitry</b>       | <b>10 High density acoustic insulation</b> |
| <b>5 Water outlet port</b>                   | <b>11 Power switch</b>                     |
| <b>6 Adjustable louvers (optional)</b>       | <b>12 Multi speed fan control</b>          |

# Features

## CONVENIENCE

- Removable service panel
- Easy access water and electrical hookup
- Easy to change filter
- Compatible with boiler and furnace installations
- Connect to duct work or in-floor heating systems
- Space heater
- Simple vertical or horizontal installation

## COMFORT

- Excellent air circulation
- No cold air on start up
- Whisper quiet fan
- Improved humidity and air quality
- Adjustable direction of air flow

## QUALITY

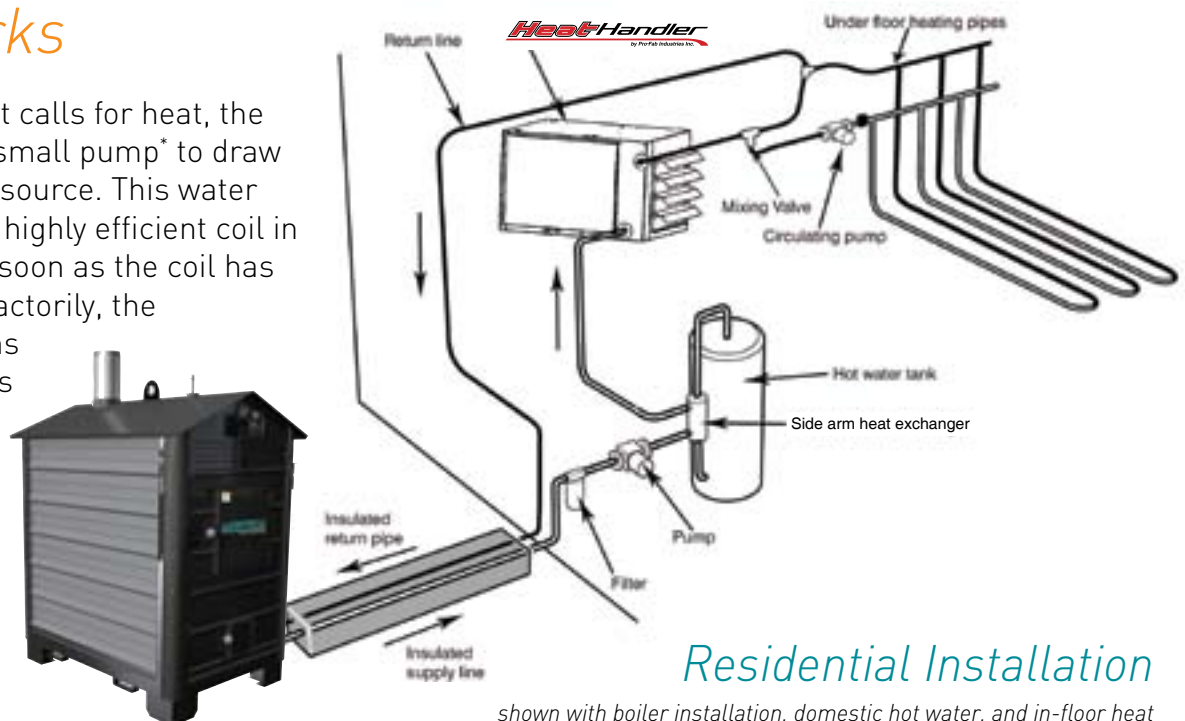
- Durable powder coat finish
- High efficiency 3-speed motor\*
- Low voltage connections
- Clean hydronic air heat

\*Not available in the WAH-90 model

# How it Works

When the thermostat calls for heat, the *HeatHandler* uses a small pump\* to draw water from the heat source. This water circulates through a highly efficient coil in the *HeatHandler*. As soon as the coil has heated the air satisfactorily, the *HeatHandler* fan turns on, moving air across the coil and into the room or duct work.

\*Kit sold separately



Empyre Outdoor Hot Water Furnace

## Residential Installation

shown with boiler installation, domestic hot water, and in-floor heat



WAH-90

WAH-110

WAH-220

## Sizes and Models

	WAH-90	WAH-110	WAH-220
Outside Dimensions	22-3/4" w 24" l 20-5/8" h	25-3/4" w 33-1/4" l 20-1/8" h	35-3/4" w 34-1/2" l 20-1/8" h
Total Weight	105 lbs	112 lbs	145 lbs
Max BTU Output*	105,000	150,000	225,000
Max CFM Output *	1,400	2,000	2,500
Load Amps	3.3	7.4	9.1
HP	1/4	1/2	3/4
RPM	1,075	1,075	1,075
Fan Speeds	1	3	3
Coil Size	3 row 18" x 18"	4 row 15" x 20"	4 row 20" x 30"
Blower Fan	16" 4 Blade	Squirrel Cage	Squirrel Cage
Thermostat (Not Included)	Direct In-line	24 volt trans & relay	24 volt trans & relay
Noise Control Insulation	N/A	1/2" high density acoustic	1/2" high density acoustic
Outlet Size	1"	1"	1"
Air Filter Size	20" x 20"	20" x 24"	32" x 24"
Electrical Requirements	115 volts	115 volts	115 volts
Louvers	Optional	Optional	Optional

\*With entering water temperature of 190° F

Pro-Fab Industries Inc., founded in 1989, is North America's premier designer of alternative heating products. With six manufacturing facilities across three countries, Pro-Fab Industries has the widest range of EPA certified clean burning units on the market.

Your Authorized **HEATHANDLER** Dealer



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