

THE NEW GENERATION OF WARM AIR OIL FURNACES



Multiposition
Three-pass heat exchanger design

EACH MODEL IS CERTIFIED ENERGY STAR AT EVERY FIRING RATE*
EVEN MORE ENERGY SAVINGS WITH ECM MOTOR MODELS



EFFICIENT.
ENERGY STAR certified, an energy efficiency of up to 88%.

EASY TO SERVICE.
Thanks to its chamberless design.

COMFORTABLE.
You get even heating, and a fast and precise answer to thermostat-requested temperature.

CONVENIENT.
More compact and lightweight, thus easier to handle in stairs and tight spaces.

UNITS AVAILABLE WITH:

SHOWN WITH RIELLO BURNER. ALSO AVAILABLE WITH AFG BECKETT BURNER.

*ENERGY STAR certified with Riello and Beckett AFG series burners.

LOWBOY FURNACE (KLR)



Features	KLR-090	KLR-140	KHM-090	KHM-140
Input firing rate USGHP	0.55 - 0.75	0.90 - 1.15	0.55 - 0.75	0.90 - 1.15
Output MBTU/h	67 - 91	109 - 139	67 - 91	109 - 139
Air conditioning ready	3 tons	5 tons	3 tons	5 tons
Direct vent capable*	✓	✓	✓	✓
Quick-heat exchanger – chamberless SS combustion chamber	✓	✓	✓	✓
Electronic fan timer control	✓	✓	✓	✓
PSC blower motor	1/2 hp 4 spd	3/4 hp 4 spd	1/2 hp 4 spd	3/4 hp 4 spd
ECM blower motor	1/2 hp 5 spd	3/4 hp 5 spd	1/2 hp 5 spd	3/4 hp 5 spd
Utility savings (heating & cooling)	✓	✓	✓	✓
ENERGY STAR® certified	✓	✓	✓	✓
Downflow and horizontal flow installation**	N/A	N/A	✓	✓

Dimensions (in.)

Height	33	33	46 1/4	49 7/8
Width	21 1/2	21 1/2	21 1/2	21 1/2
Depth	49 1/8	55 1/8	26	30

Other specifications

Supply plenum (in.)	20 x 20	20 x 24	20 x 20	20 x 24
Return plenum (in.)	20 x 20	20 x 22	18 x 18	18 x 23
Air filter(s) (in.)	20 x 20 x 2	15 x 20 x 2(1) 20 x 20 x 2(1)	20 x 20 x 2	20 x 25 x 2
Cleanout	Rear access	Rear access	Front access	Front access
Breech (in.)	5	5	5	5
Shipping weight (lb.)	204	236	204	236

Clearance to combustible (in.)

Top	1	1	1	1
Front	24	24	24	24
Rear	24	24	0	0
Flue pipe	9	9	9	9
Side (access)	24	24	0	0
Side (no access)	1	1	0	0
Floor	Combustible	Combustible	Combustible	Combustible

*Available 2012 **Horizontal and downflow installation kit required

Features

COMMON TO BOTH FURNACES

- 100% stainless steel, non-refractory combustion chamber for more durability and quicker heating
- Round heat exchanger minimizing resistance, while maximizing air flow
- Direct drive blower fan
- Removable baffles
- Easy-to-access cleaning ports
- Easy access to electrical connections and controls
- Nonproprietary electrical components and controls thus easy to replace (electronic board, relays, terminal, etc.)
- Easy-to-change air filter

LOWBOY FURNACE

- Control box and electrical panels located at the ideal height for maintenance
- Fan housing easy to remove and reinstall

4-WAY MULTIPOISE FURNACE

- Sleek look and innovative design thanks to removable panel hiding control box
- Three-pass heat exchanger design
- Easy-to-remove slide-out blower housing
- Multiposition furnace adapted to any installation for easier inventory management:
 - upflow
 - downflow
 - horizontal to the right
 - horizontal to the left

4-WAY MULTIPOISE FURNACE (KHM)



FOR MORE INFORMATION,
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