THE NEW GENERATION
OF OIL-FIRED WARM AIR
FURNACES

+ PERFORMANCE
ENJOY UP TO 82% ELECTRICITY ENERGY EFFICIENCY WITH ECM TECHNOLOGY!

+ COMFORTABLE
A MORE EVEN HEAT AND A QUICKER, MORE PRECISE RESPONSE TO A CALL FOR HEAT FROM THE THERMOSTAT

+ ECONOMICAL OPERATION
ANNUAL EFFICIENCY RANGING FROM 86% TO 95.8%

+ VERSATILE
CERTIFIED FOR CONVERSION TO GAS BURNER (88+ SERIES)

ABOUT GRANBY
Since 1954, Granby Industries has been the North American leader in manufacturing and marketing steel tanks for storage of oil products and high-efficiency boilers and furnaces. Our continuous research and development program answers the needs of our customers in regards to energy-efficiency and comfort by providing affordable and innovative solutions. Granby Industries offers a complete line of safe, durable and reliable quality-built products.

Specifications

Furnace model

<table>
<thead>
<tr>
<th>Model</th>
<th>KLC-100</th>
<th>KLR-100</th>
<th>KLR-200</th>
<th>KLF-100</th>
<th>KLF-200</th>
<th>KHM-100</th>
<th>KHM-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating rate USGPH (oil)</td>
<td>0.55-0.65</td>
<td>0.55-0.65-0.75</td>
<td>0.85-1.00-1.15</td>
<td>0.55-0.65-0.75</td>
<td>0.85-1.00-1.10</td>
<td>0.55-0.65-0.75</td>
<td>0.85-1.00-1.15</td>
</tr>
<tr>
<td>Input capacity MBTU/H (oil)</td>
<td>77-91</td>
<td>77-91-105</td>
<td>119-147-161</td>
<td>77-91-105</td>
<td>119-140-154</td>
<td>77-91-105</td>
<td>119-147-161</td>
</tr>
<tr>
<td>AFUE % (oil)</td>
<td>95.8</td>
<td>86.2 to 87.1</td>
<td>86.5 to 87.8</td>
<td>86.2 to 87.1</td>
<td>86.3 to 88.6</td>
<td>86.0 to 86.8</td>
<td>86.4 to 87.5</td>
</tr>
<tr>
<td>ENERGY STAR certification at every firing rate* (oil, ECM motor only)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Furnace model</th>
<th>KLF-100</th>
<th>KLF-200</th>
<th>KHM-100</th>
<th>KHM-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating rate USGPH (gas)</td>
<td>N/A</td>
<td>105</td>
<td>155</td>
<td>105</td>
</tr>
<tr>
<td>Input capacity MBTU/H (gas)</td>
<td>N/A</td>
<td>87</td>
<td>131</td>
<td>87</td>
</tr>
<tr>
<td>Output capacity MBTU/H (gas)</td>
<td>N/A</td>
<td>87</td>
<td>131</td>
<td>87</td>
</tr>
<tr>
<td>AFUE % (gas)</td>
<td>N/A</td>
<td>83.5</td>
<td>83.5</td>
<td>83.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Furnace model</th>
<th>KLC-100</th>
<th>KLR-100</th>
<th>KLR-200</th>
<th>KLF-100</th>
<th>KLF-200</th>
<th>KHM-100</th>
<th>KHM-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (in.)</td>
<td>36 3/8</td>
<td>33</td>
<td>31</td>
<td>29 5/8</td>
<td>26 1/8</td>
<td>24 5/16</td>
<td>22 9/16</td>
</tr>
<tr>
<td>Height</td>
<td>36 3/8</td>
<td>33</td>
<td>31</td>
<td>29 5/8</td>
<td>26 1/8</td>
<td>24 5/16</td>
<td>22 9/16</td>
</tr>
<tr>
<td>Width</td>
<td>21 1/2</td>
<td>21 1/2</td>
<td>21 1/2</td>
<td>21 1/2</td>
<td>21 1/2</td>
<td>21 1/2</td>
<td>21 1/2</td>
</tr>
<tr>
<td>Depth</td>
<td>50 1/4</td>
<td>49 1/8</td>
<td>49 1/8</td>
<td>50 1/4</td>
<td>50 1/4</td>
<td>50 1/4</td>
<td>50 1/4</td>
</tr>
<tr>
<td>Supply plenum size</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
</tr>
<tr>
<td>Return plenum size</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
<td>20 x 20</td>
</tr>
</tbody>
</table>

*Certification to ENERGY STAR version 4.0 (with ECM motor)

ECM HIGH-EFFICIENCY MOTOR VERSUS PSC MOTORS

ENJOY UP TO 82% ELECTRICITY ENERGY EFFICIENCY WITH ECM TECHNOLOGY!

†Electronically controlled motor

Comparative Annual Heating Oil Consumption Chart

- Fuel Oil Heat Losses (all)
- Furnace Efficiency (all)
- Furnace AFUE

Example of a yearly heating oil consumption (liters) * Annual Fuel Utilization Efficiency

<table>
<thead>
<tr>
<th>Furnace model</th>
<th>KLC-100</th>
<th>KLR-100</th>
<th>KLR-200</th>
<th>KLF-100</th>
<th>KLF-200</th>
<th>KHM-100</th>
<th>KHM-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating rate USGPH (oil)</td>
<td>0.55-0.65</td>
<td>0.55-0.65-0.75</td>
<td>0.85-1.00-1.15</td>
<td>0.55-0.65-0.75</td>
<td>0.85-1.00-1.10</td>
<td>0.55-0.65-0.75</td>
<td>0.85-1.00-1.15</td>
</tr>
<tr>
<td>Input capacity MBTU/H (oil)</td>
<td>77-91</td>
<td>77-91-105</td>
<td>119-147-161</td>
<td>77-91-105</td>
<td>119-140-154</td>
<td>77-91-105</td>
<td>119-147-161</td>
</tr>
<tr>
<td>AFUE % (oil)</td>
<td>95.8</td>
<td>86.2 to 87.1</td>
<td>86.5 to 87.8</td>
<td>86.2 to 87.1</td>
<td>86.3 to 88.6</td>
<td>86.0 to 86.8</td>
<td>86.4 to 87.5</td>
</tr>
<tr>
<td>ENERGY STAR certification at every firing rate* (oil, ECM motor only)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Furnace model</th>
<th>KLF-100</th>
<th>KLF-200</th>
<th>KHM-100</th>
<th>KHM-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating rate USGPH (gas)</td>
<td>N/A</td>
<td>105</td>
<td>155</td>
<td>105</td>
</tr>
<tr>
<td>Input capacity MBTU/H (gas)</td>
<td>N/A</td>
<td>87</td>
<td>131</td>
<td>87</td>
</tr>
<tr>
<td>Output capacity MBTU/H (gas)</td>
<td>N/A</td>
<td>87</td>
<td>131</td>
<td>87</td>
</tr>
<tr>
<td>AFUE % (gas)</td>
<td>N/A</td>
<td>83.5</td>
<td>83.5</td>
<td>83.5</td>
</tr>
</tbody>
</table>

A/C ready electronic operating control
Direct vent – Granby DVS (oil)
Direct vent – Granby DVS (gas)
Approved plastic through the wall or roof venting options

ABOUT GRANBY
Since 1954, Granby Industries has been the North American leader in manufacturing and marketing steel tanks for storage of oil products and high-efficiency boilers and furnaces. Our continuous research and development program answers the needs of our customers in regards to energy-efficiency and comfort by providing affordable and innovative solutions.

Granby Industries offers a complete line of safe, durable and reliable quality-built products. For over five decades, service and innovation have helped Granby earn an enviable reputation as well as value-added expertise for its customers.

For more information, please visit: sales@granbyindustries.com
THE CONFORTO CHE, CONSIDERED A HIGH-EFFICIENCY FURNACE, IS THE FIRST OIL-FIRED FURNACE BUILT FOR HOMEOWNERS WHO EXPECT UNERLICALED PERFORMANCE AND ENERGY EFFICIENCY. ITS IMMEDIATE INSTALLATION WILL HAVE YOU PROFIT FROM A NEW, HEATING EFFICIENCY ALONG WITH LUXURY PERFORMANCE AND COMFORT. THE CONFORTO CHE WAS DESIGNED TO GIVE YOU THE CONTROL OF YOUR HEATING OIL CONSUMPTION AND COULD REDUCE YOUR GREENHOUSE GAS (GHG) EMISSIONS BY UP TO 50% OR MORE. IN ADDITION TO ITS ATTRACTIVE LOOK, THE CONFORTO CHE WOULD THE ENERGY STAR CERTIFICATION AT ALL FIRING RATES. ITS CONCEPTION, CORRESPONDING PERFORMANCE AND DURABILITY WILL BRING YOU THE BEST COMFORT POSSIBLE AND THE EASE OF MAINTENANCE THAT YOU ARE LOOKING FOR.

**FEATURES**

1. **ROBUST AND DURABLE CONSTRUCTION CHAMBER**
   - 100% premium cast-iron construction
   - No wear and tear
   - Steel and casting will remain in good condition for life

2. **SECONDARY TUBULAR HEAT EXCHANGERS**
   - Designed with high-speed burners that offer a high rate of heat transfer, ensuring a heating system that is not only efficient but also durable
   - High-tensile steel heat exchanger provides a quiet and maximum performance

3. **HIGH-EFFICIENCY BLOWER**
   - Equipped with high-efficiency ECM motor
   - Reduces fan noise with through-the-wall or through-the-roof installation
   - Offers a higher rate of heat transfer with an ECM motor

4. **VENTING OPTIONS**
   - Robust and durable construction chamber
   - Suitable for both gas and oil systems
   - Ideal for installation where there is no chimney
   - Can be used with existing chimneys or new installations

5. **SAFETY AND RELIABILITY**
   - Factory-installed condensate neutralizing cartridge
   - Neutralizes the acid content on the condensate
   - Helps in maintaining a more even temperature

6. **HIGH-EFFICIENCY BLOWER OPTIONS**
   - Comes standard with ECM motor

7. **ECONOMICAL AND COMPACT**
   - Compact design allows for easy installation
   - Can be installed in small spaces

8. **LIMITED TIME OFFER**
   - 15 or 20-feet length
   - 5 years warranty

**DESCRIPTION**

- **COAXIAL PLASTIC VENTING THROUGH THE WALL**
  - Ideal for installation where there is no chimney
  - Can be used with existing chimneys or new installations
  - Simple installations

- **SINGLE-PIPE PLASTIC VENTING THROUGH AN EXISTING CHIMNEY CHASE**
  - Designed for applications where space is limited
  - Can be installed through existing chimneys

- **TWO-Pipe PLASTIC VENTING THROUGH THE WALL**
  - Suitable for high static pressure burners
  - Can be installed in small spaces

- **DIRECT VENT SYSTEM (DVS)**
  - Ideal for installation where there is no chimney
  - Can be used with existing chimneys or new installations
  - Simple installations

The CONFORTO CHE is the first North American oil-fired appliance that holds the energy star certification at all firing rates and can also be converted to natural or propane gas. The CONFORTO CHE was engineered with performance in mind, which will bring you quality and comfort without compromise. Its attractive look combines the durability and ease of maintenance that you are looking for.

**HEAT EXCHANGERS**

- **SECONDARY TUBULAR HEAT EXCHANGERS**
  - Designed with high-speed burners that offer a high rate of heat transfer, ensuring a heating system that is not only efficient but also durable
  - High-tensile steel heat exchanger provides a quiet and maximum performance

- **TUBULAR secondary heat exchanger**
  - Due to their long life expectancy, these exchangers are compatible with today's high-efficiency pumps or air conditioning systems

**VENTS OPTIONS**

- Robust and durable construction chamber
- 100% premium cast-iron construction
- No wear and tear
- Sustainable design for energy efficiency
- Steel and casting will remain in good condition for life

- **SINGLE-PIPE PLASTIC VENTING THROUGH AN EXISTING CHIMNEY CHASE**
  - Suitable for high static pressure burners
  - Can be installed in small spaces

- **TWO-Pipe PLASTIC VENTING THROUGH THE WALL**
  - Suitable for high static pressure burners
  - Can be installed in small spaces

- **DIRECT VENT SYSTEM (DVS)**
  - Ideal for installation where there is no chimney
  - Can be used with existing chimneys or new installations
  - Simple installations