

Thermo Pride  
OH6 Low Profile  
Oil Heating

Built Tough for Lifetime Comfort™

**Thermo Pride®**

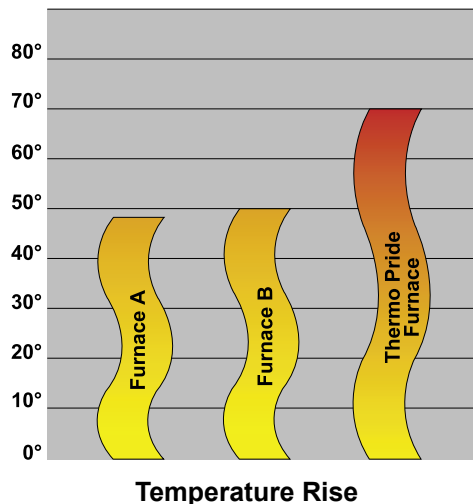


## Thermo Pride® — Dependable Craftsmanship

For the past 60 years, Thermo Pride has listened to your concerns about comfort and has met your demands for the best, most reliable and efficient furnaces and cooling systems. When you want to experience exceptional comfort, increased efficiency, and handcrafted quality along with the proven warranty of Thermo Pride, but have limited space, select the low profile OH6 oil furnace. You'll be sure to receive quiet, reliable, long lasting performance from your home heating system that is specifically designed to meet your home's needs.

### Comfort

Comfort is the purpose behind any heating system. "Temperature rise" makes the difference between feeling warm, comfortable air from the registers in your home or the feeling of cool air blowing across you when the furnace is on. It is the difference in air temperature from the point where it enters the furnace to the point where it exits. The higher the temperature rise—the warmer the air when it enters the rooms of your home. Thermo Pride achieves a 70°F temperature rise across its full line of oil furnaces. This is an air temperature up to 30°F warmer than the competition—providing a far superior comfort level.



\* 70° is achieved by adjusting blower settings.

### Handcrafted Quality

Each Thermo Pride cabinet is powder coated inside and out after it is formed for a durable, tough finish that will ensure long life and a quality appearance. The interlocking insulated furniture grade steel cabinet helps retain heat within the furnace and prevents annoying vibrations during operation. The rounded corners add structural strength and a pleasing appearance to the cabinet.



The heat exchanger is fabricated of 13-gauge copper coated steel in a unique octagonal shape to increase surface area and the heat transfer of the heat exchanger. The copper coating helps prevent corrosion from damp external conditions. This unique combination of design and material provides Thermo Pride oil furnace owners with the confidence that these furnaces are made to last a lifetime!

### Warranty

The proven longevity of Thermo Pride's heat exchanger, combined with the Limited Lifetime Warranty, virtually eliminates the worry of ever having to replace your furnace.



Should you sell your home, the warranty will automatically transfer to the new owners. Thermo Pride furnaces also come with a "Peace of Mind" 5-year parts warranty. An optional 5-year labor coverage is also available, or you have the opportunity to extend this warranty to a 10-year parts and labor warranty.

Thermo Pride's manufacturing facilities have earned the prestigious ISO 9001:2000 certification. This seal assures consistent quality products through a structured quality control process. Thermo Pride oil products have also earned the industry-respected certification for safety from Underwriter's Laboratory (UL).



# Features and Benefits

**Hard Chamber for Enhanced Durability and Long Life**

**Lifetime Transferable Warranty for Increased Resale Value of your Home**

**Dual Cleanouts - Placed for Easy Access**

**Burner & Controls Enclosed in Vestibule for Safety**

**Can be Vented Directly through the Wall with the Optional Direct Vent Kit**

**Control Board Mounted at the Front of Cabinet for Easier Setup Access**

**Rounded Corners and Interlocking Cabinet Panels give the OH6 added Stability and Durability**

**13-Gauge Octatherm Heat Exchanger Delivers Higher Efficiency**

**Flame Observation Door for Easy Burner Flame Viewing**

**Copper Coated Heat Exchanger Provides Corrosion Resistance**

**Efficient Direct Drive Blower Motor**  
Optional ECM Motor Available

**Thermo Pride**  
ISO 9001:2000

**GILHEAT**

**PATENT PENDING**

**UL US**

**MADE IN THE UNITED STATES OF AMERICA**  
Thermo Pride  
Atlanta, Georgia, USA

## Blower Motors

Thermo Pride's direct-drive blowers allow the installer to select the appropriate heating and cooling blower speed for your home.



Your OH6 furnace is also available with the optional GE® ECM motor. The ECM motor provides infinite blower speeds for increased efficiency and ramps up to speed reducing the annoying burst of cold air from your registers giving you a more comfortable home. It can pay for itself in electrical savings alone.

## Ceramic Refractory

The ceramic refractory is designed to assure more complete combustion which means increased efficiency. It also provides protection for the heat exchanger from the direct flame and ensures quiet operation.

## Easy Access Cleanouts

The OH6 has two clean outs conveniently placed to make heat exchanger cleaning a breeze.



## Filter Frame and Filter

A washable air filter means cleanliness, convenience, and cost savings over disposable air filters.

## High-Efficiency Flame Retention Burner

Beckett hi-speed flame retention burners are standard on Thermo Pride furnaces. They provide more complete combustion and higher fuel efficiency. Riello burners are also an available option.



Optional Riello Burner



***Built Tough for Lifetime Comfort***<sup>™</sup>

Thermo Pride offers you a full line of oil furnaces. From the traditional highboy, lowboy, counter flow and horizontal units, as well as the low-profile highboy and variable speed ECM motor furnaces, to the 2-stage oil unit and the mobile home furnace you're sure to find one that's perfect for your home.

## Built with Your Home in Mind

### Cabinet Construction

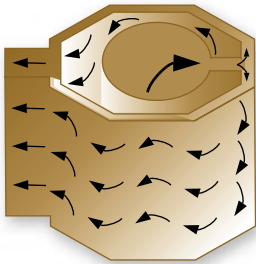
Thermo Pride cabinet panels are fabricated of 22-gauge cold-rolled steel with rounded corners and an interlocking design for a more finished appearance and greater strength. The cabinet is powder coated on both sides and is lined with molded high density foil-faced fiberglass insulation for maximum heat retention.



On all OH6 low profile furnaces, Thermo Pride incorporates a burner vestibule enclosure into its design. The vestibule and insulation diminish burner combustion noise and provide safety by isolating controls from children and pets.

### Octatherm™ Heat Exchanger

At the heart of every Thermo Pride oil-fired furnace is the “Octatherm” heat exchanger. The heat exchanger is fabricated out of 13-gauge copper coated steel. Some manufacturers use less expensive, thinner 14 or 16-gauge steel. Thermo Pride’s copper powder coating helps prevent corrosion from damp conditions often encountered in basement installations.



The octatherm heat exchanger’s unique eight sided design provides more efficient use of the heat transfer area. This design puts less stress on the steel and thus provides a longer life. As a result, the octatherm design generates increased dependability and a lifetime of comfort for your home.

## 6 reasons why the OH6 oil furnace is perfect for your home...

1. The OH6 is designed to fit nicely in your low ceiling basement since it is 11” shorter than a typical highboy furnace.



2. It is compatible with the new more efficient air conditioners (the new AC evaporator coils are much taller than older coils). This means the lower furnace height makes the installation job less cumbersome for installers and saves on your costs.
3. It features easier servicing due to improved heat exchanger cleanout locations, which also means a savings for you.
4. The OH6 maintains the Thermo Pride 13-gauge copper coated Octatherm heat exchanger.
5. The OH6 provides Annual Fuel Utilization Efficiencies (AFUE) up to 87.9%
6. With a simple nozzle change to vary the firing rates, your contractor can customize the OH6 to meet the specific needs of your home.

## Specifications

MODEL NUMBER	OH6FA072D48B (Beckett Burner)			OH6FA072F48R (Riello Burner)		
	High Fire	Med. Fire	Low Fire	High Fire	Med. Fire	Low Fire
Heating Capacity						
Heat Input Rate (BTUH)	106,250	85,000	70,000	106,250	85,000	70,000
Output BTUH <sup>1</sup>	90,000	73,000	60,000	91,000	74,000	61,500
Seasonal Efficiency <sup>2</sup>	83.3%	83.3%	84.0%	85.2%	86.1%	85.4%
Largest Rec A/C <sup>3</sup>	4 Tons			4 Tons		
Nominal Temp. Rise <sup>4</sup>	60° / 70°	60° / 70°	60° / 70°	60° / 70°	60° / 70°	60° / 70°
Casing Height (In.)	45"			45"		
Casing Width (In.)	20"			20"		
Casing Depth (In.)	30"			30"		
Nominal Flue Outlet	5"			5"		
Approx. Shipping Weight	250 lbs.			250 lbs.		
Supply Air Outlet Size (In.)	18" x 19"			18" x 19"		
Return Air Inlet Size (In.)	24 ½" x 15"			24 ½" x 15"		

1. Output BTUH based on Annual Fuel Efficiency Rated by manufacturer.
2. Seasonal efficiency (also called AFUE-Annual Fuel Utilization Efficiency) ratings are based on U.S. Department of Energy Test Procedures.
3. To permit largest recommended air conditioning (at .5 static pressure), selection of the highest motor speed is required.
4. A 70° temperature rise can be achieved by changing the blower settings.

## Accessories

Thermo Pride offers a complete line of heating/cooling equipment. The addition of accessories to your system can provide greater comfort and a healthier indoor environment.

### UV Aire



Improve the indoor air quality of your home by adding a UV Aire-Air Purifying System to your home heating and cooling ductwork. UV Aire silently and effectively reduces airborne contaminants including molds, bacteria, yeasts, dust mites, and viruses that can cause allergies.

### Power Humidifier



Proper humidity levels in your home increase comfort, reduce annoying static electricity, dried cracked furniture and wood trim, and wilting houseplants.

### Premiere Series Programmable Thermostat



Perfect for a combination heating/cooling system, the Premiere Series Programmable Thermostat maximizes comfort while saving energy. Use up to four different timed programs to save energy.

### Electronic Air Cleaner and Media Air Filter



Air cleaners and media filters remove odors and up to 99% of airborne pollutants, plus keep the dust under control.

### Direct Vent Kit



A direct vent kit is available for use on those installations where a chimney is not available or unsuitable for use.