

Thermo Pride  
Oil Heating  
At Its Best

Built Tough for Lifetime Comfort™

**Thermo Pride®**

A man in a blue shirt and tie is smiling and holding a sandwich. A woman in a light purple shirt is reading a newspaper. A Thermo Pride oil heater is visible in the bottom right corner.

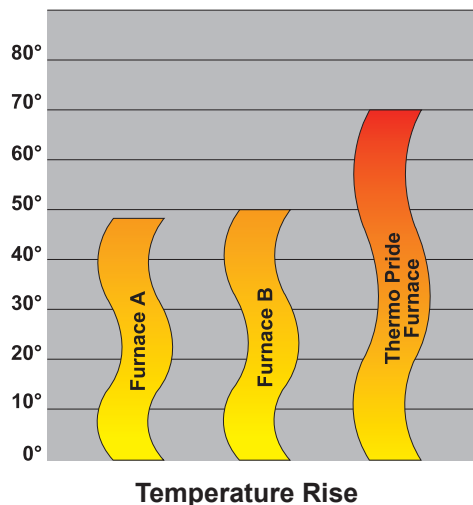
## Thermo Pride — Dependable Craftmanship

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. Every Thermo Pride product is built with traditional, dependable craftsmanship. What this means to you is quiet, reliable, long lasting performance.



### 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 has a standard 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.



### Handcrafted Quality

Each Thermo Pride cabinet is powder coated inside and out 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 the surface area and the heat transfer of the heat exchanger. The copper coating helps prevent corrosion from external damp 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

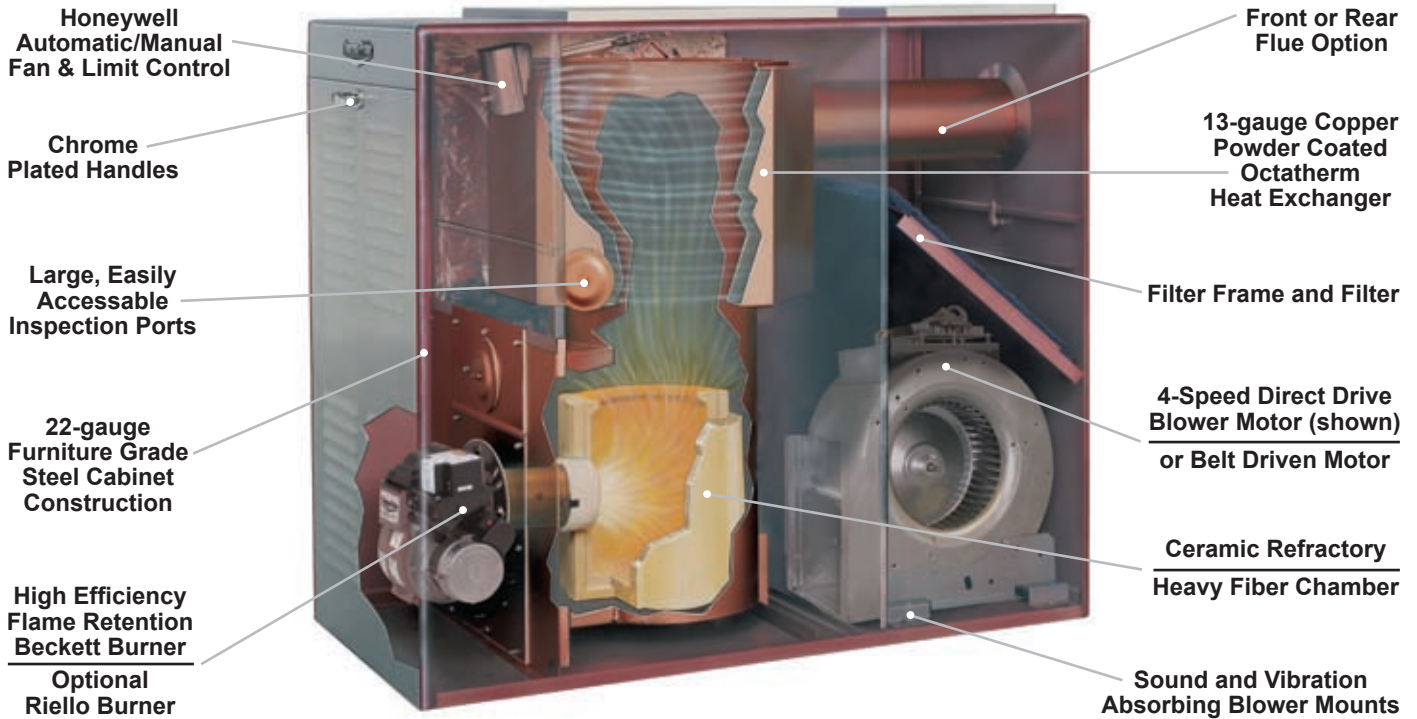
The proven longevity of Thermo Pride’s heat exchanger, combined with the Limited Lifetime Warranty, virtually eliminates the worry of ever having to replace your furnace. Should you sell your home, the warranty will automatically transfer to the new owners. Thermo Pride furnaces also come with a “Peace 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



## Blower Motors

Thermo Pride's direct-drive blowers allow the installer to select the appropriate heating and cooling blower speed for your home. A belt drive blower motor is available for heating only applications.



## 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. (not available on the 2, 33, 37 and 39 units.)

## Heavy Fiber Chamber

Thermo Pride provides a heavier, thicker fiber chamber than most of its competitors. These are standard in the 2, 33, 37 and 39 units.

## Honeywell Automatic/Manual Fan & Limit Control

This control starts and stops the blower fan at the appropriate temperatures to ensure that only warm comfortable air enters your home. The manual feature allows for consistent air movement.

## 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.



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, counterflow 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

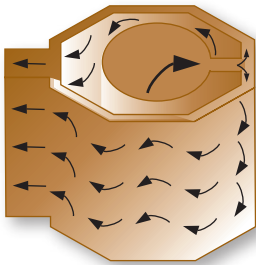
Thermo Pride cabinet panels are fabricated of 22-gauge cold-rolled steel with rounded corners and an interlocking design for a more finished appearance and greater strength. The cabinet is powder coated on both sides and is lined with ½” thick reinforced fiberglass insulation for maximum heat retention.



On all basement, upflow and downflow 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.



Thermo Pride further stands out by individually sizing its heat exchangers for virtually every model furnace offered. This helps to assure maximum efficiency, longest life, and the highest comfort for all applications.

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.

### Perfect Application

Thermo Pride oil furnaces provide complete product flexibility. Available in BTU per hour output ranges from 56,000 to 320,000 to comfortably heat any size home, Thermo Pride oil furnaces offer the widest selection available—there’s one that’s right for your home.



Choose from four different configurations.

1. Lowboys (OL) for basement use, or where height may be limited, feature a vestibule-enclosed burner and either rear or front flues.
2. Highboys (OH) are perfect for basements, utility rooms and closets. They feature a top flue discharge and vestibule enclosed burners.
3. Horizontal (OT) models are designed for crawl spaces, and are available with either front or rear flue.
4. Counterflow (OC) models are designed for homes where the furnace is above the ductwork. These units blow the heated air down and are commonly located in closets.

# Specifications

	MODEL NUMBER	AFUE% <sup>1</sup>	BTU/H OUTPUT at BONNET <sup>3</sup>	DIMENSIONS (IN INCHES) W x L x H	WARM AIR OUTLET (IN INCHES) W x L	RETURN AIR INLET (IN INCHES) W x L	MAXIMUM A/C CAPACITY				APPROX. SHIPPING WEIGHT
							STANDARD BD	DD	UPGRADE BD	DD	
LOWBOY	OL2-56	82.8	56,000	19 x 48 x 34¾	17 x 17	17 x 17	—	3	—	—	315
	OL5-85	82.0 / 86.0 <sup>2</sup>	85,000	25 x 50¼ x 43¼	20 x 20	20 x 14	2	3.5	4	4	410
	OL11-105	81.6 / 82.6 <sup>2</sup>	101,000	25 x 54½ x 46½	20 x 20	20 x 16	2	3.5	4	4	500
	OL16-125	80.0	125,000	25 x 58½ x 46½	22 x 22	22 x 18	3.5	5	5	—	560
	OL20-151	81.1	151,000	27 x 58½ x 50½	22 x 22	22 x 18	—	5	—	—	600
	OL33-200	— <sup>5</sup>	200,000	34 x 72 x 60¾	28 x 28	28 x 24	5	—	10	—	1025
	OL37-250	— <sup>5</sup>	250,000	38 x 85½ x 67¾	32 x 32	32 x 28	5	—	10	—	1120
	OL39-320	— <sup>5</sup>	320,000	38 x 85½ x 67¾	32 x 32	32 x 28	8	—	10	—	1150
HIGHBOY	OH2-56	80.7	56,000	19 x 27 x 52	17 x 17	20 x 16	—	3	—	—	300
	OH5-85	80.6 / 86.0 <sup>2</sup>	85,000	24 x 33 x 56	22 x 20	25 x 16	—	3.5	—	4	410
	OH11-105	80.0 / 85.0 <sup>2</sup>	101,000	24 x 34 x 59½	22 x 20	25 x 16	—	3.5	—	4	490
	OH16-125	80.0	125,000	27 x 36½ x 66	22 x 22	25 x 16	—	5	—	—	546
HORIZONTAL COUNTERFLOW	OC2-56	81.0	56,000	19 x 27 x 57½	17 x 17	17 x 17	—	2.5	—	—	305
	OC5-85	83.3	85,000	24 x 33 x 56	20 x 16	22 x 20	—	3	—	3.5	420
	OT5-85 <sup>4</sup>	82.1	85,000	24½ x 68 x 20½	18 x 16	18 x 16	—	3.5	—	—	365
	OT11-105 <sup>4</sup>	78.2	101,000	24½ x 74 x 24	20 x 20	20 x 20	—	3.5	—	4	445
	OT16-125 <sup>4</sup>	78.0	125,000	26 x 74 x 26	22 x 20	22 x 20	—	5	—	—	500

1. Seasonal efficiency (Annual Fuel Utilization Efficiency) ratings are based on tests following U.S. Department of Energy Test Procedures.

2. The second figure represents AFUE% ratings with Riello burner option.

3. BTU output based on 80% efficiency, rated by manufacturer, all specifications subject to change without notice.

4. These models have exposed burners. **T-units not approved for attic installation.**

5. DOE test procedures do not apply on units with 200,000 BTU input or higher.

6. **Not Shown:** Barometric Draft Regulator - Optional, four-speed direct drive blower with fan center.

All Thermo Pride octagon oil furnaces can be changed easily from oil to either natural or propane (L.P) gas. For recommendations on selecting the proper burner, contact Thermo Pride...Design certified conversion burners must be installed and used in accordance with the manufacturer's instructions, the "American National Standard installation of domestic gas conversion burners, Z21.8", and all local installation codes.

## 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 increases 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 air born pollutants, plus keep the dust under control.