

# Thermo Pride®

## Thermo Pride Oil Furnaces

*Built Tough for Lifetime Comfort™*





# The Comfort & Efficiency Of Thermo Pride

## The Thermo Pride Story

Located in the United States, Thermo Pride has more than a 60-year heritage of superior workmanship, product innovation and small town work ethic. We are committed to hand-crafted products and hometown values like comfort, reliability, durability, quiet operation and high efficiency. You will appreciate the peace-of-mind that comes from knowing your Thermo Pride furnace is anything but a mass-produced, low-cost compromise between quality and price.



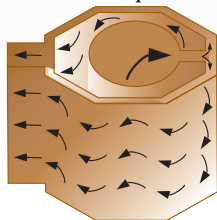
## “Peace of Mind” Lifetime Limited Warranty - Industries Best

We are so confident of our furnace quality that we stand behind our products with our “Peace of Mind” Lifetime Limited Warranty. The industries only non-prorated, automatically transferred heat exchanger warranty. Should you sell your home, the heat exchanger warranty will automatically transfer to the new owners. Thermo Pride furnaces also come standard with a “Peace of Mind” 10-year parts warranty. See warranty certificate for details.



## The Octatherm™ Advantage

For over sixty years, our Octatherm heat exchanger has been used in Thermo Pride oil furnaces. The time-tested eight-sided design is at the heart of Thermo Pride’s reputation for high efficiency, reliability and durability. This design forces flue gases into a high rate of agitation as they pass through the heat exchanger. This increases heat transfer and efficiency, resulting in more uniform surface heating. Our heat exchangers are fabricated of 13-gauge copper coated steel. The copper coating helps prevent corrosion and promotes the best heat transfer.



## Handcrafted High Quality

Each Thermo Pride furnace 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.



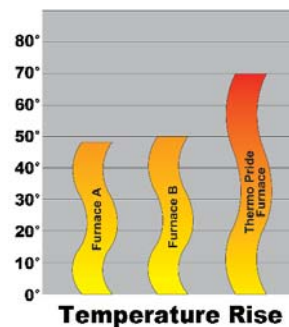
## Made in the USA

We’re proud that Thermo Pride furnaces are engineered and manufactured in the United States out of American steel. Thermo Pride oil products have also earned the industry-respected certification for safety from the Underwriter’s Laboratory (UL).

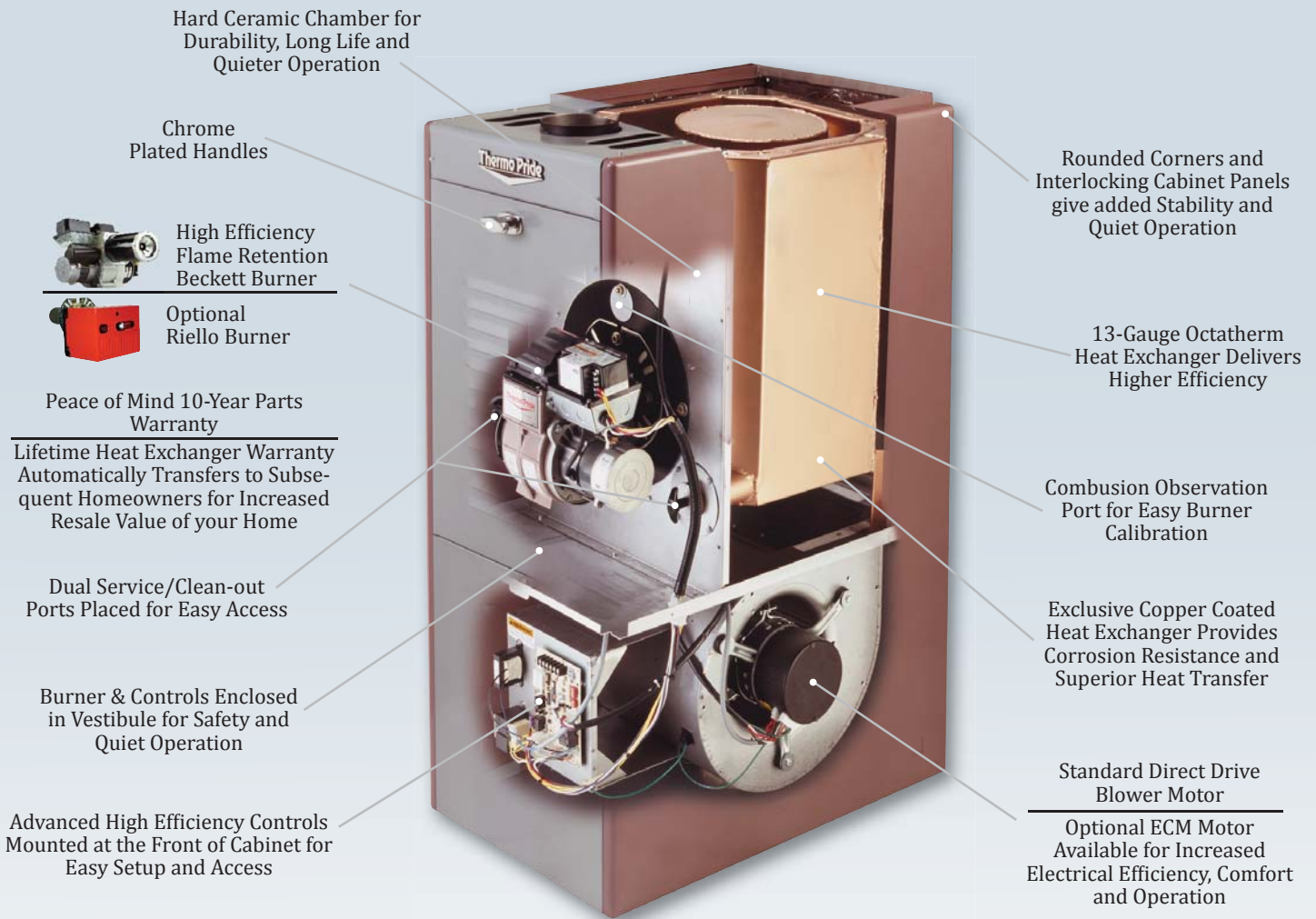


## Comfort - Warmer than our Competition

“Temperature rise” makes the difference between feeling warm air or the feeling of cool air blowing across you when the furnace is on. It is the difference in 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. We achieve a 60° to 70°F temperature rise across our full line of oil furnaces. This air temperature is up to 30°F warmer than the competition providing far superior comfort.



# Features and Benefits



Hard Ceramic Chamber for Durability, Long Life and Quieter Operation

Chrome Plated Handles



High Efficiency Flame Retention Beckett Burner



Optional Riello Burner

Peace of Mind 10-Year Parts Warranty

Lifetime Heat Exchanger Warranty Automatically Transfers to Subsequent Homeowners for Increased Resale Value of your Home

Dual Service/Clean-out Ports Placed for Easy Access

Burner & Controls Enclosed in Vestibule for Safety and Quiet Operation

Advanced High Efficiency Controls Mounted at the Front of Cabinet for Easy Setup and Access

Rounded Corners and Interlocking Cabinet Panels give added Stability and Quiet Operation

13-Gauge Octatherm Heat Exchanger Delivers Higher Efficiency

Combustion Observation Port for Easy Burner Calibration

Exclusive Copper Coated Heat Exchanger Provides Corrosion Resistance and Superior Heat Transfer

Standard Direct Drive Blower Motor

Optional ECM Motor Available for Increased Electrical Efficiency, Comfort and Operation

## Why Thermo Pride For Your Home?

### High Efficiency

Providing up to 87% AFUE, Thermo Pride oil furnaces are designed to save energy and fuel. Our two-stage burner models coupled with the ECM blower system provides the efficiency by automatically adjusting to your home's duct system and current energy demand.

### Peace of Mind Warranty

Thermo Pride oil furnaces come with our Peace of Mind Limited Lifetime Warranty on the heat exchanger. We also include a full 10-year parts warranty at no additional cost. Together these make up Thermo Pride's unique "Peace of Mind" warranty. Our assurance to you that when you buy a Thermo Pride, you are buying the best.

### Made in the USA

Manufactured in North Carolina, we're proud that Thermo Pride furnaces are manufactured in the United States out of American steel.



### Unmatched Comfort

Our furnaces are engineered to achieve a 60° to 70°F temperature rise across all models. The temperature rise is the difference between the inlet and outlet delivery temperature. This temperature can be up to 30°F warmer than other brands and provides a far superior comfort level.

### Unquestioned Quality and Reliability

For over 60 years, Thermo Pride has built the best most reliable and efficient heating and cooling systems. Recommended by the industry's leading experts, we use only the best materials and manufacturing standards.

# Save More Energy With Our Premiere Series

## Premiere Oil Furnace with ECM Blower System

### Dependable Craftsmanship with Maximum Comfort

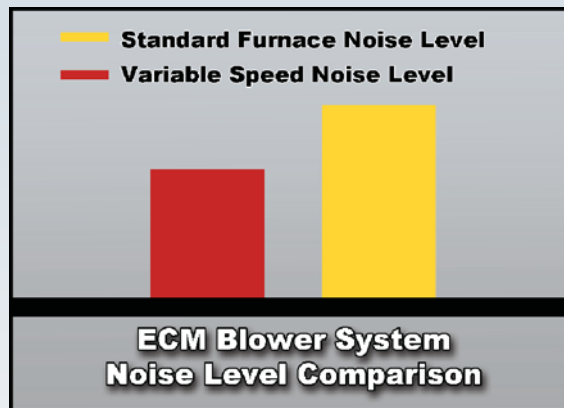
When you want to experience exceptional comfort, increased electrical efficiency and quieter operation, choose the Premiere Oil Furnace with the ECM blower system. The ECM motor is an ultra-high efficiency DC motor that operates more efficiently than standard direct drive motors.

### ECM blower system benefits include:

- Save energy with the increased electrical efficiency of the ECM motor utilizing DC power, especially when you run the blower for long periods of time.
- Slow start ups and shut down equals quiet operation, greater efficiency and more comfortable temperatures.
- Automatically adjusts for various duct systems and conditions by varying its RPM.
- Operates at lower speeds in constant circulation mode for optimum air filtration, even temperatures and lower operating costs.



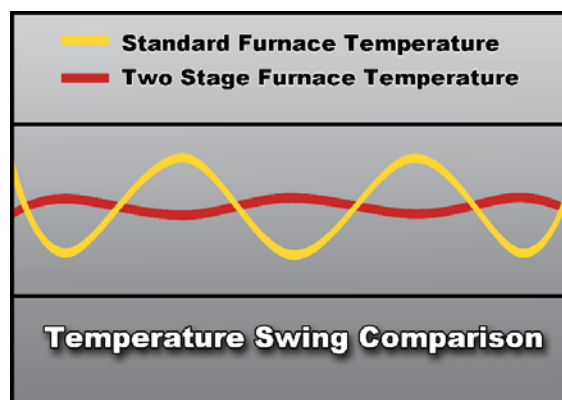
**ECM Blower**



## Premiere Oil Furnace with Two-Stage Burner (OH6, OD6 Models)

### Two-stage burner benefits include:

- The two-stage Riello burner operates at two firing rates. The first or lower rate is designed to provide a lower BTU rate of heat on the mild days when a single stage furnace may be too large. The second stage operates only when needed to overcome colder conditions.
- Premiere furnaces with two-stage burners come standard with ECM blower systems and work together to provide ultimate comfort and reduced energy consumption.
- Two-stage burners provide a more even comfortable heat cycle reducing hot and cold spikes in your home.



# Thermo Pride Air Conditioning & Heat Pumps

Thermo Pride air conditioning and heat pump units are offered in three efficiency levels. The **Premiere XT Series** offers ultra-high efficiencies while the **LX-14 Series** offers high efficiencies and the **LX-13 Series** offers standard efficiencies. All three series meet the Department of Energy's efficiency rating requirements. A new air conditioning unit can make a difference in your energy bill as compared to older models over ten years old.

## Peace of Mind Warranty 10-Year Compressor & Parts Warranty

We are so confident of our air conditioning unit's quality that we stand behind our products with our Peace of Mind Warranty. One of the industries best warranties: 10 years on compressors and 10-year limited warranty on parts. See warranty or dealer for details.



## Peace of Mind Plus Warranty

The **Premiere XT Series** and the **LX-14 Series** also come with our Peace of Mind Plus Warranty. If for any reason your compressor fails within the first 5 years (LX-14 Series) or 10 years (Premiere XT Series), we will replace the entire unit. See warranty or dealer for details.



## The Quiet Advantage

Thermo Pride air conditioning products are designed with sound reduction in mind for your peace and quiet as well as your neighbors. Less noise equals more comfort. All moving parts are designed for quiet operation and specially mounted to reduce noise output.

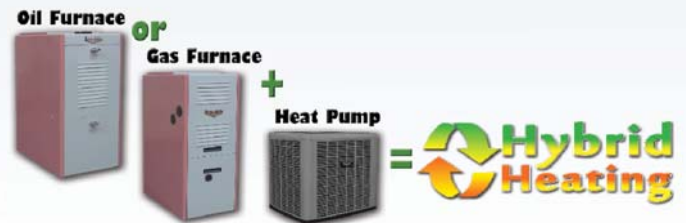


## Hybrid Heating

With energy costs rising, homeowners are searching for the most economical solution for their indoor comfort needs when it comes to both heating and cooling.



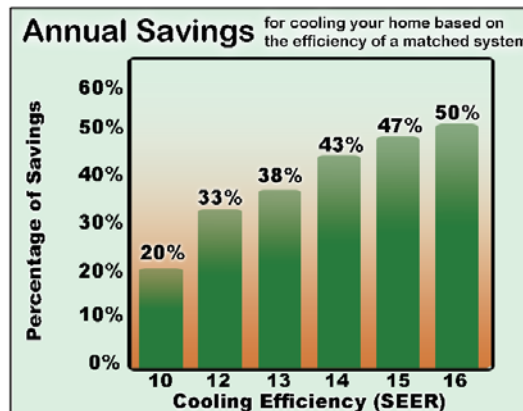
A hybrid heating dual fuel system delivers exceptional performance by using a dual heating source that provides the most energy-efficient comfort when the heating conditions are moderate. It combines a heat pump with a furnace to deliver the efficiency and comfort you need in both cold and warm seasons to give you more control over your utility bills. The system automatically switches between the furnace and heat pump giving you the most cost-effective fuel source to maintain the greatest efficiency.



## Higher Efficiencies Equals Energy Savings!



The Seasonal Energy Efficiency Ratio, also referred to as SEER, is an energy efficiency rating for air conditioners. The higher the SEER, the better the energy performance, the more you save on your energy bill. The Department of Energy has established a minimum SEER rating for cooling of 13.0.



Minimum efficiency established by the Department of Energy. Potential energy savings may vary depending on your personal lifestyle, system settings, equipment maintenance, local climate, actual construction and installation of equipment and duct system.

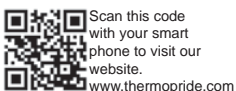
# Specifications

MODEL NUMBER	AFUE% <sup>(1)</sup>	BTU/H OUTPUT <sup>(2)</sup>	DIMENSIONS (INCHES) W x L x H	WARM AIR OUTLET (INCHES) W x L	RETURN AIR INLET (INCHES) W x L	FLUE DIA. (IN)	MAXIMUM A/C CAPACITY		APPROX. SHIPPING WEIGHT
							STANDARD	UPGRADE	
<b>LOW PROFILE HIGHBOY - OH SERIES</b>									
<b>PREMIERE HIGHBOY WITH ECM BLOWER MOTOR</b>									
OH6FA072DV4	83.3-86.1	60,000/72,000/90,000	20 x 30 x 45	18 x 19	23 x 14	5	4	—	280
OH8FA119DV5	85.8-86 <sup>(3)</sup>	101,000/120,000/132,000	24-1/2 x 36-1/2 x 50-1/8	20 x 20	23 x 14	7	5	—	310
<b>HIGHBOY WITH DIRECT DRIVE BLOWER MOTOR</b>									
OH6FA072D48	83.3-86.1	60,000/72,000/90,000	20 x 30 x 45	18 x 19	23 x 14	5	4	—	285
OH8FA119D60	85.8-86 <sup>(3)</sup>	101,000/120,000/132,000	24-1/2 x 36-1/2 x 50-1/8	20 x 20	23 x 14	7	5	—	310
<b>HIGHBOY WITH 2-STAGE RIELLO BURNER &amp; ECM BLOWER MOTOR</b>									
OH6FX072DV4	86.4-87	74,000-89,000 High	20 x 30 x 45	18 x 19	23 x 14	5	4	—	265
		61,500-72,000 Low							
<b>LOWBOY - OL SERIES</b>									
<b>PREMIERE LOW PROFILE LOWBOY WITH ECM BLOWER MOTOR</b>									
OL6FA072DV5	86.5-87.7	60,000/72,000/90,000	20 x 50 x 34-3/4	18 x 20	18 x 18	5	5	—	250
				20 x 20 <sup>(4)</sup> Optional Flange	20 x 18 <sup>(4)</sup> Optional Flange				
OL6RA072DV5	86.5-87.7	60,000/72,000/90,000	20 x 50 x 34-3/4	18 x 20	18 x 18	5	5	—	250
				20 x 20 <sup>(4)</sup> Optional Flange	20 x 18 <sup>(4)</sup> Optional Flange				
<b>PREMIERE LOWBOY WITH ECM BLOWER MOTOR</b>									
OL11-105DE	85	105,000	25 x 54-1/2 x 46-1/2	20 x 20	20 x 16	6	3.5	—	500
OL16-125DE	85	125,000	25 x 58-1/2 x 46-1/2	22 x 22	22 x 18	7	5	—	560
OL20-151DE	85	153,000	27 x 58-1/2 x 50-1/2	22 x 22	22 x 18	7	5	—	600
<b>LOWBOY WITH DIRECT DRIVE BLOWER MOTOR</b>									
OL5-85DA	85/86 <sup>(3)</sup>	88,000/85,000 <sup>(3)</sup>	25 x 50-1/4 x 43-1/4	20 x 20	20 x 14	6	3.5	4	410
OL6FA072D48 OL6RA072D48	86.5-87.7 <sup>(3)</sup>	60,000/72,000/90,000	20 x 50 x 34-3/4	18 x 20	18 x 18	5	4	—	250
				20 x 20 <sup>(4)</sup> Optional Flange	20 x 18 <sup>(4)</sup> Optional Flange				
OL11-105	85/82.6 <sup>(3)</sup>	104,000/101,000 <sup>(3)</sup>	25 x 54-1/2 x 46-1/2	20 x 20	20 x 16	6	3.5	4	500
OL16-125	85	129,000 142,000	25 x 58-1/2 x 46-1/2	22 x 22	22 x 18	7	5	—	560
OL20-151	85	153,000	27 x 58-1/2 x 50-1/2	22 x 22	22 x 18	7	5	—	600
<b>LOWBOY BELT DRIVE BLOWER MOTOR</b>									
OL33-200 <sup>(5)</sup>	81.5 <sup>(6)</sup>	200,000	34 x 72 x 60-3/4	28 x 28	28 x 24	9	5	10	1025
OL37-250 <sup>(5)</sup>	82 <sup>(6)</sup>	250,000	38 x 85-1/2 x 67-3/4	32 x 32	32 x 28	9	5	12	1120
OL39-320 <sup>(5)</sup>	81.3 <sup>(6)</sup>	320,000	38 x 85-1/2 x 67-3/4	32 x 32	32 x 28	9	5	12	1150
<b>HORIZONTAL - OT SERIES</b>									
<b>HORIZONTAL WITH DIRECT DRIVE BLOWER MOTOR</b>									
OT11-105 <sup>(7)</sup>	83	101,000	24-1/2 x 74 x 24	20 x 20	20 x 20	6	3.5	4	445
OT16-125 <sup>(7)</sup>	83	125,000	26 x 74 x 26	22 x 20	22 x 20	7	5	—	500
<b>COUNTERFLOW/HORIZONTAL - OD SERIES</b>									
<b>COUNTERFLOW / HORIZONTAL WITH DIRECT DRIVE BLOWER MOTOR</b>									
OD6RA072D48	85.7	60,000/72,000/90,000	20 x 30 x 45	18 x 20	18 x 19	5	4	—	250
OD6FA072D48	85.7	60,000/72,000/90,000	20 x 30 x 45	18 x 20	18 x 19	5	4	—	250
<b>COUNTERFLOW / HORIZONTAL WITH ECM BLOWER MOTOR</b>									
OD6RA072DV5	85.7	60,000/72,000/90,000	20 x 30 x 45	18 x 20	18 x 19	5	5	—	250
OD6FA072DV5	85.7	60,000/72,000/90,000	20 x 30 x 45	18 x 20	18 x 19	5	5	—	250
<b>COUNTERFLOW/HORIZONTAL WITH 2-STAGE RIELLO BURNER &amp; ECM BLOWER MOTOR</b>									
OD6RX072DV5 OD6FX072DV5	85-86	74,000-89,000 High	20 x 30 x 45	18 x 20	18 x 19	5	5	—	250
		61,500-72,000 Low							

- Seasonal efficiency (Annual Fuel Utilization Efficiency) ratings are based on tests following U.S. Department of Energy Test Procedures.
- BTU output based on Annual Fuel Efficiency Rated by manufacturer.
- The second figure represents ratings with Riello burner option.
- Optional flange size included with furnace.
- Shipped knocked down.
- Certified thermal efficiency.
- These models have exposed burners. **T-units not approved for attic installation.**



Go to [www.energystar.gov](http://www.energystar.gov) for qualifying unit details.



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