

Thermo Pride
Packaged
Oil Heating and
Air Conditioning

Built Tough for Lifetime Comfort™

Thermo Pride®



13/14 SEER

Packaged Oil Heating and Air Conditioning at its Best

Thermo Pride — Dependable Craftsmanship

For over 60 years, Thermo Pride has listened to consumers' concerns about comfort and has met the demand for the best, most reliable, 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.



One Unit for All Seasons

The ThermoPack™ combination heating and air conditioning unit is engineered to provide year-round comfort for your home. This high-efficiency system starts paying for itself with easy outdoor installation and significant fuel savings over older heating and air conditioning units. Since all mechanical functions are outdoors, its operation is remarkably quiet. Plus, the ECM blower motor's variable speeds than mean your ThermoPack blower can operate at a lower speed than conventional blowers providing you with a much quieter system. Best of all, your ThermoPack will keep saving money longer than any single package unit because it is built Thermo Pride tough — your best assurance for long life and trouble-free operation.

Comfort

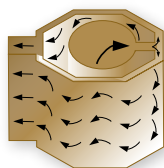
Comfort is the purpose behind any heating system. “Temperature rise” makes the difference between feeling warm, comfortable air from the registers in your home or the feeling of cool drafts blowing across you when the furnace is on. (It is the difference in air temperature from the point where it enters 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. The ThermoPack has a 70°F temperature rise when operating on high fire. This is an air temperature up to 30°F warmer than the competition — providing a far superior level of comfort. The ThermoPack's variable speed blower also provides exceptional comfort by gradually ramping up to speed, avoiding that undesirable blast of air in your home and saving on your utility bill each month.

No One Builds a Single Packaged Unit As Tough As Thermo Pride

Your ThermoPack is constructed from the best materials, including heavy-gauge stainless steel and copper tubing.

Octatherm™ Heat Exchanger

At the heart of every Thermo Pride oil-fired furnaces is the “Octatherm” heat exchanger. The ThermoPack's Octatherm heat exchanger is fabricated out of 16-gauge stainless steel



— this is stronger than less expensive steel used by some manufacturers. The unique, eight sided design holds flue gasses in the heat exchanger longer to extract more heat — increasing the unit's efficiency and thus saving you money.

Central Air Conditioning

The ThermoPack provides you with the comfort and convenience of not only a quality furnace, but state-of-the-art electric central air conditioning as well. Air conditioning, which was once a luxury, is now a necessity to keep your home pleasant all summer long.

ThermoPacks provide you with increased air conditioning efficiency — up to 14 SEER, which saves you energy over older, less efficient units. The ThermoPack also enhances your comfort by ensuring long unit life and quiet operation with a Copeland scroll compressor which pumps the refrigerant through the system.

ThermoPacks are environmentally friendly using the new non-ozone depleting R-410A refrigerant. Plus, they use less electricity reducing the pollution from power plants and are quieter than other outdoor units cutting down on noise pollution outside your home.



This unique combination of design and materials provides Thermo Pride ThermoPack owners with the superior comfort of both oil heating and air conditioning in a single outdoor unit — as well as the confidence in knowing that your ThermoPack is environmentally friendly and made to last a lifetime!

Warranty

The proven longevity of Thermo Pride's heat exchanger, combined with the Limited Lifetime Warranty and 10-year warranty on the air conditioning compressor, condenser and evaporator coil, virtually eliminates the worry of ever having to replace your ThermoPack. If you sell your home, the warranty will automatically transfer to the new owners. Thermo Pride units also come with a “Peace of Mind” 5-year parts warranty. Optional 5-year labor coverage is available, or you have the opportunity to extend this warranty to a 10-year parts and labor warranty.

Certified Value

Thermo Products is an ISO 9001:2000 registered company. This means that our products are quality inspected to ensure a high level of value.



You can be proud that your ThermoPack is manufactured in America from steel that's produced right here in the United States.



Features and Benefits

Air Conditioner

Easy access, easy cleaning, permanent, washable filter ensures a dirt-free air system

Extra large condenser coils, copper tubing and raised lance aluminum fins increase surface area for greater efficiency

Engineered fan runs quiet and saves money

Reliable and efficient Copeland scroll compressor

Insulated blower compartment for quieter operation

Evaporator coils with a thermostatic expansion valve consistently monitors temperature loads and regulates refrigerant flow

Environmentally friendly R-410A refrigerant does not deplete the ozone layer.

Controls

Convenient service access area, all standard maintenance can be done here

High-pressure switch protects the compressor for longer life

Easy access refrigerant gauge ports

Intermittent ignition system for quieter operation

Oil line heater keeps fuel oil warm and flowing even on the coldest days

Pre-prurge, post-prurge, positively closing solenoid oil burner is safe and efficient

Quality controls and control system for dependable, trouble-free service



Furnace

Foil-faced fiberglass insulation keeps the heat inside, and the casing cool

Octatherm™ heat exchanger retains combustion gases longer for maximum heat transfer

Heavy 16-gauge stainless steel construction

Quiet, over-sized blower for full air delivery and maximum comfort

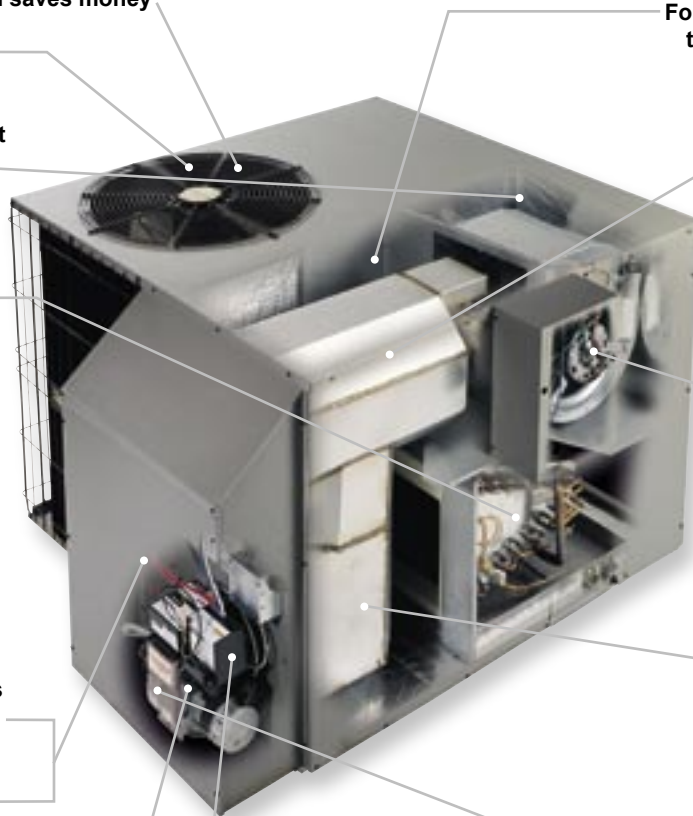
High-torque, variable speed ECM motor for efficiency, comfort and quiet operation. Adjusts to provide optimal air-flow for your home

Fiber refractory chamber efficiently conducts more heat to the heat exchanger

Corbel top maximizes combustion and adds to the life of the heat exchanger by protecting it from the direct flame

Flame retention, high efficiency Beckett oil burner

Maintains optimum fuel and air mixtures



Specifications

MODEL NUMBER	INPUT BTU/Hr HIGH/LOW	OUTPUT BTU/Hr HIGH/LOW	AFUE % HIGH/LOW	TEMP. RISE °F HIGH/LOW	COOLING BTU/Hr	SEER	COOLING CFM	DIMENSIONS (IN INCHES) W x L x H	APPROX. SHIPPING WEIGHT
OPB24-80	105,000/85,000	85,000/68,000	80/82	70/60	22,800	14	800	47 x 47 x 34	610
OPB30-80	105,000/85,000	85,000/68,000	80/82	70/60	29,800	13	1000	47 x 47 x 34	610
OPB36-80	105,000/85,000	85,000/68,000	80/82	70/60	35,700	13	1200	47 x 47 x 34	610

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.

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.