

Spirit series^{by}

Thermo Products, LLC

Spirit Series Oil Furnaces

Low-Profile Highboy,
Lowboy, Highboy,
Horizontal/Counterflow



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energystar.gov

Experience the comfort of Spirit oil furnaces!

Experience the Comfort of Oil Heat

Spirit Series oil furnaces are versatile and reliable and this is evident in all three series.

- VHF Series - Low-Profile Highboy
- VL Series - Lowboy
- VC Series Horizontal/Counterflow

Standard features consist of a heavy-gauge drum-style heat exchanger and ceramic fiber combustion chamber which serves to greatly reduce combustion noise associated with expansion and contraction. This design heats up quickly, re-radiates heat back into the fire providing more complete combustion and cools down quickly after the burner stops.

Each Spirit oil furnace is built with a heavy duty 22-gauge powder coated cabinet for a durable, tough finish that will ensure long life and a quality appearance. The full cabinet foil-faced high density fiberglass insulation reduces heat loss and sound levels.



Beckett oil burners are respected in the industry and the top choice for quality and reliability. All the components utilize the latest technology and are readily available. All furnaces come with the time-tested Beckett AFG model burner.

Spirit furnaces are equipped with a multi-speed direct drive blower motor. The entire blower assembly can be removed for cleaning. An optional variable speed ECM blower motor is available on the low-profile highboy.



Energy Star Qualified Unit

The VHF-ABT Low-Profile Highboy and the VH8FA119T60B Highboy, both with ECM blower motor and Beckett AFG burner, are Energy Star 4.0 qualified. Products that have earned the Energy Star are designed to protect the environment through superior energy efficiency. Go to www.energystar.gov for additional details.



Limited Lifetime Warranty

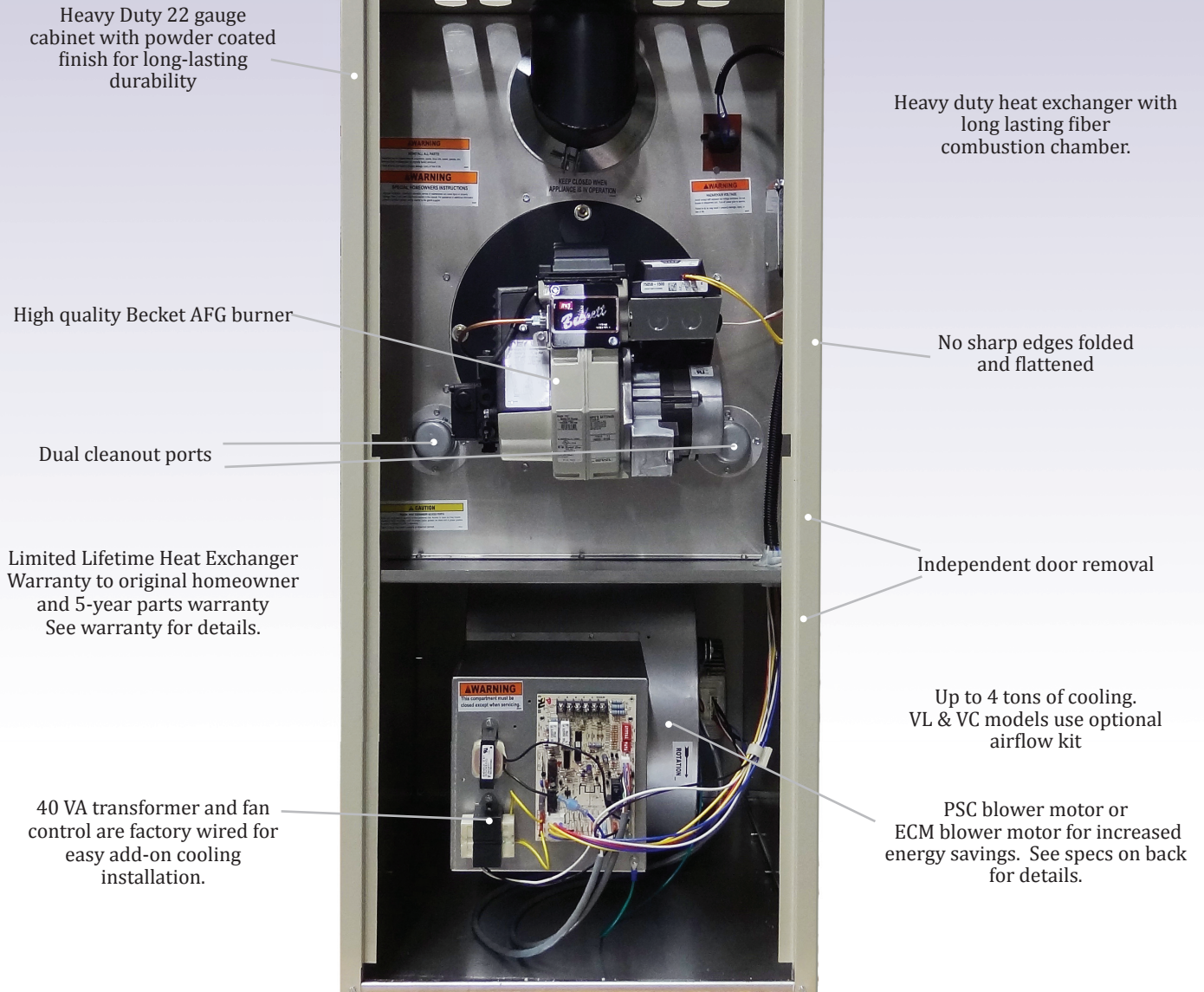
We are so confident of our Spirit oil furnace's quality that we stand behind our products with our Limited Lifetime Warranty on the heat exchanger and 5-year Parts Warranty. See warranty for details.



Features & Benefits



Go to www.energystar.gov for qualifying products.



Product Specifications



MODEL NUMBER	FLUE	AFUE%	BTU/H OUTPUT	DIMENSIONS (INCHES) W x L x H	SUPPLY AIR OUTLET (INCHES) W x D	RETURN AIR INLET Flange Dimension (INCHES) D x H	FLUE DIA. (IN)	MAXIMUM A/C CAPACITY STD.	UPGRADE	APPROX. SHIP WEIGHT
OIL - LOW-PROFILE HIGHBOY MODELS										
PREMIERE LOW-PROFILE HIGHBOY WITH ECM BLOWER MOTOR AND BECKETT AFG BURNER										
VHF-ABT	Front	85	60,000 / 72,000 / 90,000	21 x 30 x 45	19 x 19	24 x 14 1/4	5	4	—	270
LOW-PROFILE HIGHBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT AFG BURNER										
VHF-ABP	Front	85	60,000 / 72,000 / 90,000	21 x 30 x 45	19 x 19	24 x 14 1/4	5	4	—	270
OIL - LOWBOY MODELS										
LOWBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT AFG BURNER										
VLF-CBP	Front	85	70,000 / 88,000 / 98,000 / 114,000	22 1/4 x 47 x 41 1/2	20 x 20	20 x 12 1/2	6	3.5	4	300
VLR-CBP	Rear	85	70,000 / 88,000 / 98,000 / 114,000	22 1/4 x 47 x 41 1/2	20 x 20	20 x 12 1/2	6	3.5	4	300
OIL - HIGHBOY MODELS										
HIGHBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT AFG BURNER										
VH8FA119P60B	Front	85	101,000 / 119,000 / 132,000	24 1/2 x 36 1/2 x 50 1/8	20 x 20	23-3/4 x 19	7	5	N/A	316
HIGHBOY WITH ECM BLOWER MOTOR AND BECKETT AFG BURNER										
VH8FA119T60B	Front	85	101,000 / 119,000 / 132,000	24 1/2 x 36 1/2 x 50 1/8	20 x 20	23-3/4 x 19	7	5	N/A	316
OIL - COUNTERFLOW / HORIZONTAL										
Counterflow/Horizontal WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT AFG BURNER										
VC-CBP	Front	85	69,000 / 89,000 / 97,000	22 1/4 x 22 1/4 x 61 1/4	16 x 16	16 x 16	6	3.5	4	280

Accessories

PART NO.	DESCRIPTION	FOR USE WITH
Repair Parts Kit		
AOPS2695	Furnace Repair Parts Kit	VHF-ABT, VHF-ABP, VH8, VLF-CBP, VLR-CBP, VC-CBP
4-Ton Airflow Kit		
S00S4141	4-Ton Airflow Upgrade Kit	VLF-CBP, VLR-CBP
S00S4140	4-Ton Airflow Upgrade Kit	VC-CBP
Blocked Vent Kit		
AOPS2686	Blocked Vent Kit (Canadian Applications)	VLR-CBP
AOPS2687	Blocked Vent Kit	VHF-ABT, VLF-CBP, VC-CBP, VH8
Combustion Air Kit for Beckett Burners		
AOPS7482	Combustion Air Kit	VLF-CBP, VLR-CBP, VC-CBP
AOPS8397	Combustion Air Kit	VHF-ABT, VHF-ABP, VH8
Combustible Floor Base		
VC-Base	Combustible Floor Base	VC-CBP
Direct Vent Kits		
AOPS8393	Direct Vent Termination Kit	VHF-ABT, VHF-ABP
AOPS8414	Direct Vent Termination Kit	VH8
AOPS8394	Direct Vent AFG Accessory Kit	VHF-ABP, VH8

Air Conditioning

Add Air Conditioning or a Heat Pump

Add Thermo Pride air conditioning or heat pump to your Spirit oil furnace for added indoor comfort.

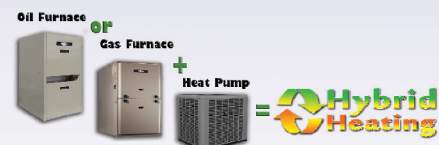
Offered in three efficiency levels, the Premiere XT Series offers Ultra-high efficiencies while the LX-14 Series offers high efficiencies and the LX-13 Series offers standard efficiencies (LX-13 only available for AC). All three series meet the Department of Energy's efficiency rating requirements.



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.



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