

**Spirit series** by  
Thermo Products, LLC

## Spirit Series Oil Furnaces

Low Profile Highboy,  
Lowboy, Horizontal,  
Counterflow



# 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. Beckett AF, AFG and NX models available. See specifications on page 4.

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 with Beckett NX burner option.



## Energy Star Qualified Unit

The VHF-ANE Low-Profile Highboy with ECM blower motor and Beckett NX burner is 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](http://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](http://www.energystar.gov) for qualifying products.

Heavy Duty 22 gauge cabinet with powder coated finish for long-lasting durability

High quality Beckett burner

Dual cleanout ports

Limited Lifetime Heat Exchanger Warranty to original homeowner and 5-year parts warranty See warranty for details.

40 VA transformer and fan control are factory wired for easy add-on cooling installation.

Heavy duty heat exchanger with long lasting fiber combustion chamber.

No sharp edges folded and flattened

Independent door removal

Up to 4 tons of cooling. VL & VC models use optional airflow kit

PSC blower motor or ECM blower motor for increased energy savings. See specs on back for details.



## Available as a Matched System!

### *Available as a matched system with Thermo Pride condensers and cased coils!*

Your furnace and air conditioner are part of a total system. That system will work better, longer and more efficiently if all the components are matched in capacity and efficiency. A mismatched system, one that mixes old technology with new, could decrease system performance and overall comfort.

We have tested and rated Spirit Gas Furnaces with our Thermo Pride condensers and cased coils to provide you with matched system efficiencies listed with AHRI. Go to [www.ahridirectory.org](http://www.ahridirectory.org) for exact SEER match information.



# Product Specifications



MODEL NUMBER	FLUE	AFUE% (1)	BTU/H OUTPUT (2)	DIMENSIONS	SUPPLY AIR	RETURN AIR INLET	FLUE	MAXIMUM A/C CAPACITY	APPROX.	
				(INCHES) W x L x H	OUTLET (INCHES) W x D	(INCHES) D x H	DIA. (IN)		STD.	UPGRADE
<b>OIL - LOW-PROFILE HIGHBOY MODELS</b>										
<b>PREMIERE LOW-PROFILE HIGHBOY WITH ECM BLOWER MOTOR AND BECKETT NX BURNER</b>										
			<b>LOW / MED / HIGH</b>							
VHF-ANE	Front	85.5	60,000/72,000/90,000	21 x 30 x 45	19 x 19	24 x 14 1/4	5	4	—	270
<b>LOW-PROFILE HIGHBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT AFG BURNER</b>										
VHF-ABP	Front	83	60,000/69,000/90,000	21 x 30 x 45	19 x 19	24 x 14 1/4	5	4	—	270
<b>LOW-PROFILE HIGHBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT NX BURNER</b>										
VHF-ANP	Front	85.5	60,000/72,000/90,000	21 x 30 x 45	19 x 19	24 x 14 1/4	5	4	—	270
<b>OIL - LOWBOY MODELS</b>										
<b>LOWBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT AF BURNER</b>										
			<b>LOW / MED LOW / MED HIGH / HIGH</b>							
VLF-BBP	Front	83	70,000/86,000/98,000/114,000	22 1/4 x 47 x 41 1/2	20 x 20	20 x 12 1/2	6	3.5	4	300
VLR-BBP	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
<b>LOWBOY WITH PSC DIRECT DRIVE BLOWER MOTOR AND BECKETT NX BURNER</b>										
VLF-BNP	Front	85.9	70,000/89,000/98,000/114,000	22 1/4 x 47 x 41 1/2	20 x 20	20 x 12 1/2	6	3.5	4	300
VLR-BNP	Rear	86	70,000/90,000/98,000/114,000	22 1/4 x 47 x 41 1/2	20 x 20	20 x 12 1/2	6	3.5	4	300
<b>OIL - COUNTERFLOW / HORIZONTAL</b>										
			<b>LOW / MED LOW / MED HIGH / HIGH</b>							
VC-BBP	Front	83	69,000/86,000/97,000/113,000	22 1/4 x 22 1/4 x 61 1/4	16 x 16	16 x 16	6	3.5	4	280
VC-BNP	Front	86	69,000/90,000/97,000/113,000	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
<b>Programmable Thermostats</b>		
350164	Honeywell Standard Thermostat	All Models
350165	Honeywell Deluxe Thermostat	All Models
<b>Repair Parts Kit</b>		
AOPS2676	Furnace Repair Parts Kit	VLF-BBP, VLF-BNP, VLR-BBP, VLR-BNP, VC-BBP, VC-BNP, VHF-ABP, VHF-ANP, VHF-ANE
<b>4-Ton Airflow Kit</b>		
S00S4141	4-Ton Airflow Upgrade Kit	VLF-BBP, VLF-BNP, VLR-BBP, VLR-BNP
S00S4140	4-Ton Airflow Upgrade Kit	VC-BBP, VC-BNP
<b>Blocked Vent Kit</b>		
AOPS2688	Blocked Vent Kit	VLF-BBP, VLF-BNP, VLR-BBP, VLR-BNP, VC-BBP, VC-BNP
AOPS2687	Blocked Vent Kit	VHF-ABP, VHF-ANP, VHF-ANE
<b>Combustion Air Kit for Beckett Burners</b>		
AOPS7482	Burner Fresh Air Kit	VLF-BBP, VLR-BBP
AOPS8413	Burner Fresh Air Kit	VHF-ANP, VHF-ANE, VLF-BNP, VLR-BNP
AOPS8397	Combustion Air Kit	VHF-ABP
<b>Combustible Floor Base</b>		
VC-Base	Combustible Floor Base	VC-BBP, VC-BNP
<b>Direct Vent Kits</b>		
AOPS8393	Direct Vent Termination Kit	VHF-ABP, VHF-ANE, VHF-ANP
AOPS8394	Sidewall Vent Accessory Kit	VHF-ABP
AOPS8412	Sidewall Vent Accessory Kit	VHF-ANE, VHF-ANP

## 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.

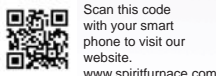
Offered in three efficiency levels, the Premiere XT Series offers Ultra-high efficiencies while the LX-14 Series offers high efficiencies and the LX-13 Series offers standard efficiencies. All three series meet the Department of Energy's efficiency rating requirements.



### 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.



Scan this code with your smart phone to visit our website.  
www.spiritfurnace.com

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