



## American Standard Oil Furnaces

A smart choice for dependable  
comfort all winter long.

*American Standard*<sup>®</sup>  
HEATING & AIR CONDITIONING





## ***American Standard Oil Furnaces. Warmth, comfort and efficiency with Trane reliability.***

### **Configured to fit your home.**

No matter what your size requirements, our oil furnace family has an option that will fit your home perfectly. And you can count on your American Standard dealer to assist you in selecting the right model for your home.

- Lowboy: a short, 41-1/2" vertical configuration, perfect for tight spaces.
- Low Profile Highboy: a 45" vertical cabinet for THV1C models.
- Highboy: a 50-1/8" vertical cabinet for THV1M models.
- Downflow/Horizontal: designed to be installed either on its side in crawl spaces or vertically in closets, basements, utility rooms.

### **When winter sends its worst, you'll be glad you have an American Standard.**

When winds are howling and the temperature drops, let a hard working, dependable American Standard oil furnace keep you warm and comfortable. American Standard oil furnaces are built tough for substantial reliability. And they're built to perform, providing efficiency and warmth



### **Stay warm. Stay smart.**

The efficiency of any furnace is measured in AFUE, or Annual Fuel Utilization Efficiency. AFUE measures how much of the fuel you pay for is actually turned into usable heat. Because of their smart design, American Standard oil furnaces have an AFUE of 85%, meaning 85% of your fuel is converted to heat. With that kind of efficiency, you can keep your home the way you like it while still using energy wisely.



### **A new American Standard furnace with a higher AFUE can save you money every month.**

If you have an older furnace, you may be spending more on fuel than you need to.



*American Standard oil furnaces provide efficient, dependable comfort you can rely on.*



Features and components may vary by model and are shown for illustration purposes only.

- 1 Heat Exchanger**  
Made of rugged steel, the heat exchanger is where the cool air of your home is warmed by the furnace. American Standard builds them to last.
- 2 Combustion Chamber**  
Designed for extremely quiet operation, the ceramic fiber combustion chamber is where fuel is burned to generate heat.
- 3 Oil Burner**  
The heart of the furnace. Time tested and proven Beckett burners deliver long life while stretching every fuel dollar.
- 4 Variable-Speed Blower Motor with Comfort-R™**  
Quieter and more efficient than conventional blowers, variable-speed blowers deliver a more consistent, even flow of heat throughout your home to eliminate hot and cold spots. During the summer, Comfort-R™ humidity control regulates moisture levels for more energy-efficient comfort. ECM motor program will not support American Standard Zone System.
- 5 Insulated Cabinet And Blower Compartment**  
Well-insulated cabinet greatly reduces energy loss and operating noise.
- 6 Durable Steel Cabinet**  
Powder painted heavy gauge steel is strong and durable.
- 7 Cleanable Filter (Not Shown)**  
Included with most models.



#### **TLF/TLR Series with ECM Blower Motor**

With a highly-efficient ECM blower for quieter operation and more even, steady heat, the TLF/TLR offers an AFUE of 85%, meaning up to 85% of your fuel is turned into usable heat. During summer, Comfort-R™ helps control humidity.

#### **TLF/TLR Series with PSC Blower Motor**

An innovative design delivers an AFUE of up to 85%. A four-speed blower motor helps fine-tune your comfort while lowering noise levels and boosting efficiency.

# Specifications

MODEL NUMBER		AFUE%	BTU/H OUTPUT	DIMENSIONS (INCHES) W x D x H	WARM AIR	RETURN AIR	FLUE DIA. (IN)	AC (TONS)	SHIPPING WEIGHT
					OUTLET (INCHES) W x L	INLET (INCHES) W x L			
<b>Oil Furnaces with PSC Blower Motor Models</b>									
			High Fire / Med Fire / Low Fire						
THV1C072A948SA	Low-Profile Highboy	85	60,000 / 72,000 / 90,000	21 x 30 x 45	19 x 19	23 x 14	5	4	270
THV1M119A960SA	Highboy	85	101,000 / 119,000 / 132,000	24-1/2 x 36-1/2 x 50-1/8	20 x 20	23 x 16-3/8	7	5	316
TLF1M087C942SA	Lowboy with Front Flue	85	114,000 / 98,000 / 88,000 / 70,000	22-1/4 x 47 x 41-1/2	20 x 20	20 x 12-1/2	6	3.5	300
TLR1M087C942SA	Lowboy with Rear Flue	85	114,000 / 98,000 / 88,000 / 70,000	22-1/4 x 47 x 41-1/2	20 x 20	20 x 12-1/2	6	3.5	300
TDF1M087C942SA	Downflow/Horizontal	85	97,000 / 89,000 / 69,000	22-1/4 x 22-1/4 x 61-1/4*	16 x 16	16 x 16	6	3.5	280
<b>Oil Furnaces with ECM Blower Motor Models</b>									
			High Fire / Med-Hi / Med-Lo / Low Fire						
THV1C072A9V4SA	Low-Profile Highboy	85	60,000 / 72,000 / 90,000	21 x 30 x 45	19 x 19	23 x 14	5	4	270
TLF1M087D9V5SA	Lowboy with Front Flue	85	114,000 / 98,000 / 88,000 / 70,000	22-1/4 x 47 x 41-1/2	20 x 20	20 x 12-1/2	6	5	300
TLR1M087D9V5SA	Lowboy with Rear Flue	85	114,000 / 98,000 / 88,000 / 70,000	22-1/4 x 47 x 41-1/2	20 x 20	20 x 12-1/2	6	5	300
TDF1M087D9V5SA	Downflow/Horizontal	85	97,000 / 88,000 / 69,000	22-1/4 x 22-1/4 x 61-1/4*	16 x 16	16 x 16	6	5	280

\* Dimensions in Downflow configuration.

## Accessories

Part No.	Description	For Use With
<b>BLOCKED VENT KIT</b>		
AOPS2686	Blocked Vent Kit	All Models
<b>COMBUSTION AIR KIT FOR BECKETT BURNERS</b>		
AOPS8397	Combustion Air Kit	THV1C072A948SA, THV1C072A9V4SA, THVM119A960SA
AOPS7482	Combustion Air Kit	TLF1M087C942SA, TLR1M087C942SA, TLF1M087D9V5SA, TLR1M087D9V5SA, TDF1M087C942SA, TDF1M087D9V5SA
<b>COMBUSTIBLE FLOOR BASE</b>		
BAYSUB10ABASEA	Combustible Floor Base	TDF1M087C942SA, TDF1M087D9V5SA
<b>DIRECT VENT KITS</b>		
AOPS8393	Direct Vent Termination Kit	THV1C072A948SA, THV1C072A9V4SA
AOPS8414	Direct Vent Termination Kit	THVM119A960SA
AOPS8394	Direct Vent AFG Accessory Kit	THV1C072A948SA, THV1C072A9V4SA, THV119A960SA
<b>TRIM KITS</b>		
BAYTRM10AVENTA	Trim Kit includes top front panel and vent trim ring. Used when venting out the side for Lowboy furnaces only, optional.	TLF1M087C942SA, TLF1M087D9V5SA



### Take comfort in our warranties.

American Standard is all about making you feel better, and that includes peace of mind. That's why every American Standard oil furnace is built with premium materials, and backed by a robust, no-nonsense warranty. American Standard oil furnaces include a lifetime

limited warranty on the heat exchanger and ten years on all other internal functional parts with registration within 60 days at [www.myfurnace.net](http://www.myfurnace.net). Your dealer can provide specific details on your system's warranty.