

## AMERICAN STANDARD HEATING & COOLING OIL FURNACES. EFFICIENT, DEPENDABLE COMFORT YOU CAN RELY ON.

LOW-PROFILE  
 HIGHBOY

HIGHBOY

LOWBOY

DOWNFLOW/  
 HORIZONTAL



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



### 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.

#### 1 Heat Exchanger

Made of rugged steel, the heat exchanger is where the cool air of your home is warmed by the furnace.

#### 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 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.

# 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 Heating and Cooling products are built to a higher standard, which can bring you 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.

BUILT TO A HIGHER STANDARD™  
*American Standard*®  
 HEATING & AIR CONDITIONING