

ADAMS

RESIDENTIAL OIL-FIRED FURNACES

The Furnace for Every Application:



Keep Your Family and Home Warm and Cozy When it's Cold Outside



ADAMS



HIGHBOY AUF0 Series

This power packed Highboy with burner and controls enclosed in a modern style cabinet fits easily into utility rooms or basements.

Available in five sizes: 70,000, 90,000, 105,000, 120,000 & 140,000 BTU.



COUNTERFLOW Series AOCF

Counterflow models are specifically designed for use in basementless homes using radial or perimeter type heating systems. The burner is exposed for easy access.

Available in four sizes, from 90,000 to 140,000 BTU input.

LOWBOY Series AAC0

The Lowboy model is designed for homes with basements. All burners and controls are completely enclosed.

Available in four sizes from 90,000 to 140,000 BTU input.



HORIZONTAL SUSPENDED Series AS0

Designed for convenient installations in garages, attics, or crawl space installation in homes, stores, service stations, factories and warehouses. No furnace or utility room is needed.

Hanger channels, filters and 2-stage pump are optional.

Available in four sizes from 90,000 to 140,000 BTU input.



CONVERTS EASILY TO COOLING

All of the furnaces shown here are easily adapted for use as summer air-conditioning units. Simply add a cooling package to an existing gas or oil-fired warm air furnace. All air-conditioners are air cooled and require no water source. Complete range of models and sizes are available.



ADAMS

MID-EFFICIENCY OIL-FIRED FURNACES

More Heat, Less Fuel for Comfort and Economy.

Available in Four Different Models to Fit Every Heating Need.
Available in up to Five Different BTU Ratings. From 70,000 to 140,000.

All Models can be Air Conditioning Ready—Simply add a Cooling

Package and You Will Have a Dual Purpose Comfort Machine. Heating in the Winter and Cooling in the Summer.

● **The super high efficiency oil burner** coupled with our wrap-around heat exchanger and pyro-ceramic combustion chamber are the ingredients which boost up the efficiency level to make affordable and comfortable heating for today and tomorrow.

● **More efficient combustion** higher static air pressure provides better combustion, even in poor draft areas. Positive pre-mixing of oil and air produces excellent combustion characteristics. This power burner action accounts for a hotter flame...less fuel consumption.

● **Non-condensing combustion**, no drain line or sewer hook-up is required.

ALL OIL-FIRED FURNACES ARE NOT CREATED EQUAL!

Draft-O-Stat
Each furnace is equipped with a patented Draft-O-Stat, the "World's finest" barometric control.

Direct-drive Blower
The furnace is equipped with a 3-speed, whisper quiet direct drive blower assembly. No lubrication is required. The motor is equipped with overload protection shielded against TV and radio interference. Blower assembly is isolated from the furnace by rubber pads to eliminate noise and vibration.

Pyro-ceramic Combustion Chamber
Prefomed pyro-ceramic fiber combustion chamber is a one piece, molded unit and factory installed in the heat exchanger. Warm-up is practically instantaneous, gaining immediate utilization of fuel at the start of the burner ON cycle.

Wrap Around Heat Exchanger
Constructed of heavy gauge, heat resistant steel . . . one piece, seamless, permanently gas tight . . . with a pyro-ceramic combustion chamber.

Hot combustion gases pass through these circular passage ways to create an extra long path for maximum heat extraction.

The powerful blower delivers return air over and between the concentric circular flue passage ways, transferring comfortable warm air to your home.

Flue gases to the chimney.

The Oil Gun Burner shoots an intense flame into the combustion chamber located in the bottom of the heat exchanger.

AHRI CERTIFIED™
www.ahridirectory.org
Residential Furnaces
DOE 10 CFR Part 430

EFFICIENCIES CERTIFIED BY AHRI up to 82% AFUE

SPECIFICATIONS AND DIMENSIONS

Model Number	BTU Input	Approx Shipping Weight	Motor HP	Heating CFM .20 SP	Cooling CFM .50 SP	Tons Cooling	Dimensions
LOWBOY *							
AACO 90 & 90-3	90,000	240	1/3	800	1200	3	Cabinet Height 42 1/2", Width 22", Depth 51 1/2"
AACO 105&105-3	105,000	240	1/3	1000	1200	3	Cold air intake opening 20" x 15"
AACO 120	120,000	250	1/3	1200	-	-	Warm air discharge 20" x 22"
AACO 120-3.5	120,000	250	1/2	-	1400	3.5	Height, floor to center of flue, 37"
AACO 140	140,000	260	1/2	1400	-	-	Two filters, one 10" x 20" x 1"
AACO 140-4	140,000	260	3/4	-	1600	4	and one 20" x 20" x 1"
HIGHBOY **							
AUFO 70 & 70-2.5	70,000	240	1/3	800	1000	2.5	Cabinet Height 60", Width 22", Depth 34"
AUFO 90 & 90-3	90,000	240	1/3	1000	1200	3	Cold air intake opening 19" x 24"
AUFO 105&105-3	105,000	240	1/3	1000	1200	3	Warm air discharge 20" x 22"
AUFO 120	120,000	250	1/3	1200	-	-	Height, floor to center of flue 50"
AUFO 120-3.5	120,000	250	1/2	-	1400	3.5	Filter 20" x 25" x 1"
AUFO 140	140,000	260	1/2	1400	-	-	
AUFO 140-4	140,000	260	3/4	-	1600	4	
COUNTERFLOW **							
AOCF 90 & 90-2.5	90,000	235	1/3	800	1200	3	Cabinet Height 63", Width 23", Depth 25"
AOCF 105&105-3	105,000	245	1/3	1000	1200	3	Cold air intake opening, 20" x 20"
AOCF 120	120,000	245	1/3	1200	-	-	Warm air discharge 18 1/2" x 18 1/2"
AOCF 120-3.5	120,000	245	1/2	-	1400	3.5	Height, floor to center of flue 34 1/2"
							Filter 20" x 25" x 1"
AOCF 140	140,000	315	3/4	1400	-	-	Cabinet Height 72", Width 27", Depth 27"
AOCF 140-4	140,000	315	3/4	-	1600	4	Cold air intake opening, 20" x 25"
							Warm air discharge 23" x 23"
							Height, floor to center of flue 36"
							Filter 20" x 25" x 1"
HORIZONTAL **							
ASO 90 & 90-2.5	90,000	235	1/3	800	1200	3	Cabinet Height 23", Width 63", Depth 25"
ASO 105 & 105-3	105,000	245	1/3	1000	1200	3	Cold air intake opening, 20" x 20"
ASO 120	120,000	245	1/3	1200	-	-	Warm air discharge 18 1/2" x 18 1/2"
ASO120-3.5	120,000	245	1/2	-	1400	3.5	Height, floor to center of flue 11 1/2"
							Filter 20" x 20" x 1"
ASO 140	140,000	315	3/4	1400	-	-	Cabinet Height 27", Width 72", Depth 27"
ASO 140-4	140,000	315	3/4	-	1800	4	Cold air intake opening, 20" x 25"
							Warm air discharge 23" x 23"
							Height, floor to center of flue 13 1/2"
							Filter 20" x 25" x 1"

For Total Home Comfort
Add a HUMIDAIRE Humidifer
and CLEANAIRE Electronic
Air Cleaner



ADAMS

MANUFACTURING COMPANY

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Available from:

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