

COMMERCIAL & LARGE RESIDENTIAL GAS & OIL FIRED FURNACES

The Furnace for Every Application:



HIGHBOY SERIES

Available for either residential, commercial or light industrial use. Input sizes from 70,000 to 1,000,000 BTU/Hr. These compact highboy models will fit into utility rooms, basements or right on a factory floor, Standard models are equipped with front flues: rear flues are available on special order. Two stage firing is available on 700,000 and 1,000,000 BTU models.

HORIZONTAL SERIES

Especially designed for convenient instaliation in garages, attics or crawl space installations in homes. stores, service stations factories and warehouses. No furnace or utility room needed. Hanger

channels, filters and 2-stage pump are optional. Two stage firing is available on 700,000 and 1,000,000 BTU models.



COUNTERFLOW SERIES

The Counterflow model is specifically designed for use in concrete slab buildings or those with crawl space areas using perimeter or radial type systems. Non-combustible base available for installation on wood floors. Available from 90,000 to 1,000,000 BTU/Hr, Standard models are equipped with

front flues; rear flues available on special order. Two stage firing is available on 700,000 and 1,000,000 BTU models.

LOWBOY SERIES

Designed for buildings or homes with basements; Heat exchangers are heavy gauge, cylindrical designed steel. Standard models are equipped with rear flue. Front flue models available on special order. Available



from 90,000 to 1,000,000 BTU/Hr. Two stage firing is available on 700,000 and 1,000,000 BTU models.



CONVERTS EASILY TO COOLING



SPECIFICATIONS

AACOV HIGHBOY

Model Number	BTU/Hr. Input	BTU/Hr. Output	CFM @ .20	MTR. H.P.	CFM @.50 ESP COOL	MTR. H.P.	FLUE DIA.
AACOV175	175,000	140,000	1400	1/2	2000	3/4	6"
AACOV230	230,000	184,000	1800	3/4	2100	1	8"
AACOV350	350,000	280,000	2600	1	3000	1-1/2	9"
AACOV500	500,000	400,000	4000	2	4200	2	12"
AACOV700	700,000	560,000	5200	(2) 1	6000	(2) 1-1/2	(2) 9"
AACOV1000	1,000,00	800,000	8000	(2) 2	8400	(2) 2	(2)

Standard models are equipped with front flue, rear flues are available.

AACO LOWBOY

AACO175	175,000	140,000	1400	1/2	2000	3/4	6"
AACO230	230,000	184,000	1800	3/4	2100	1	8"
AACO350	350,000	280,000	2600	1	3000	1-1/2	9"
AACO500	500,000	400,000	4000	2	4200	2	12"
AACO700	700,000	560,000	5200	(2) 1	6000	(2) 1-1/2	(2) 9
AACO1000	1,000,00	800,000	8000	(2) 2	8400	(2) 2	(2)

Standard models are equipped with rear flue, front flues are available.

AOCF COUNTERFLOW

AOCF175	175,000	140,000	1400	1/2	2000	3/4	6"
AOCF230	230,000	184,000	1800	3/4	2100	1	8"
AOCF350	350,000	280,000	2600	1	3000	1-1/2	9"
AOCF500	500,000	400,000	4000	2	4200	2	12"
AOCF700	700,000	560,000	5200	(2) 1	6000	(2) 1-1/2	(2) 9
AOCF1000	1,000,00	800,000	8000	(2) 2	8400	(2) 2	(2)

Standard models are equipped with front flue, rear flues are available.

ASO HORIZONTAL

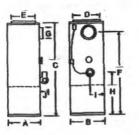
ASO1000	1,000,00	800,000	8000	(2) 2	8400	(2) 2	(2)
ASO700	700,000	560,000	5200	(2) 1	6000	(2) 1-1/2	(2) 9
ASO500	500,000	400,000	4000	2	4200	2	12"
ASO350	350,000	280,000	2600	1	3000	1-1/2	9"
ASO230	230,000	184,000	1800	3/4	2100	1	8"
ASO175	175,000	140,000	1400	1/2	2000	3/4	6"

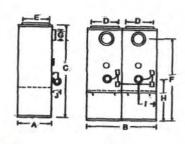
Standard models are equipped with front flue, rear flues are available.



MANUFACTURING COMPANY

9790 Midwest Ave. • Cleveland, Ohio 44125 (216) 587-6801 adamsx@att.net Available from:



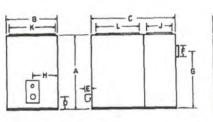


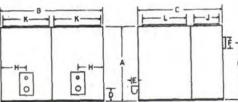
AACOV175 - AACOV500

HIGHBOY

AACOV700 - AACOV1000

Model	A	В	C	D	E	F	G	H	1	J
AACOV175	27"	27"	72"	22"	22"	56"	6"	30"	13.5"	8"
AACOV230	30"	30"	76"	26"	26"	63"	8"	36"	15"	10"
AACOV350	36"	36"	76"	34"	34"	69"	9"	35"	18"	10"
AACOV500	42"	42"	96"	38"	38"	86"	12"	46"	21"	10"
AACOV700	36"	72"	76"	34"	34"	69"	9"	35"	18"	10"
AACOV1000	42"	84"	96"	38"	38"	86"	12"	46"	21"	10"





AACO175 - AACO500

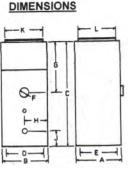
LOWBOY

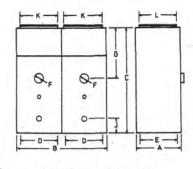
AACO700 - AACO1000

Model	A	В	C	D	E	F	G	H	J	K	L
AACO175	48"	27"	59°	8"		8"	33"	13.5"	16"	22"	22"
AACO230	52"	29"	63"	9"	*	8"	45"	15"	19"	24"	24"
AACO350	53"	36"	61"	11"	8.5"	9"	37"	18"	13"	34"	34"
AACO500	65"	42"	72"	12.5"	8.5"	12"	54"	22"	13"	38"	38"
AACO700	53"	72"	63"	11"	8.5"	9"	37"	18"	13"	34"	34"
AACO1000	65"	85"	72"	12.5"	8.5"	12"	54"	22"	13"	38"	38"

ADAMS

9790 MIDWEST AVENUE CLEVELAND, OHIO 44125



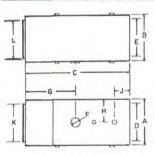


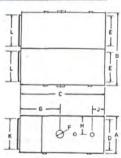
AOCF175 - AOCF500

COUNTERFLOW

AOCF700 - AOCF1000

Model	A	В	C	D	E	F	G	H	J	K	L
AOCF175	27"	27"	72"	22"	22"	6"	30"	13.5"	9"	20°	25"
AOCF230	30"	30"	76"	26"	26"	8"	38"	15"	13"	32"	25"
AOCF350	36"	36"	76"	34"	34"	9"	30"	18"	13"	32"	32"
AOCF500	42"	42"	96"	38"	38"	12"	46"	21"	13"	40"	40"
AOCF700	36"	72"	76"	34"	34"	9"	30"	18"	13"	32"	32"
AOCF1000	42"	84"	96"	38"	38"	12"	46"	21"	13"	40"	40"





ASO175 - ASO500

HORIZONTAL

ASO700 - ASO1000

Model	A	В	C	D	E	F	G	H	J	K	L
ASO175	27"	27"	72"	22"	22"	6"	30"	13.5"	9"	20"	25
ASO230	30"	30"	76"	26"	26"	8"	38"	15"	13"	32"	25
ASO350	36"	36"	76"	34"	34"	9"	30"	18"	13"	32"	32'
ASO500	42"	42"	96"	38"	38"	12"	46"	21"	13"	40"	40'
ASO700	36"	72"	76"	34"	34"	9"	30"	18"	13"	32"	32
ASO1000	42"	84"	96"	38"	38"	12"	46"	21"	13"	40"	40"

ADAMS

Phone 216-587-6801 Fax:

Fax 216-587-6807

MID-EFFICIENCY **OIL-FIRED FURNACES**

More Heat, Less Fuel for Comfort and

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 wrapoil burner around heat exchanger and pyro-ceramic com-bustion 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 premixing 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.

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





ALL OIL-FIRED FURNACES ARE NOT CREATED EQUAL!

Draft-O-Stat Each furnace is equipped with a pat-ented Draft-O-Stat, the "World's finest" baro-



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
Preformed 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 light . . , with a pyro-ceramic combustion chamber.



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

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

Hot combustion gases

CERTIFIED

EFFICIENCIES CERTIFIED BY AHRI up to 82% AFUE

exchanger

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

SPECIFICATIONS AND DIMENSIONS

Model Number	BTU	Approx Shipping Weight	Motor HP	CFM .20 SP	Cooling CFM .50 SP	Tons Cooling	Dimensions
LOWBOY * AACO 90 & 90-3 AACO 105&105-3 AACO 120 AACO 120-3.5 AACO 140 AACO 140-4	90,000 105,000 120,000 120,000 140,000 140,000	240 240 250 250 260 260	1/3 1/3 1/3 1/2 1/2 1/2 3/4	800 1300 1200 1400	1200 1200 1400 1600	3 3 3.5 4	Cabinet Height 42 ₁₂ ", Width 22", Depth 51 ₁₂ " Cold air intake opening 20" x 15" Warm air discharge 20" x 22" Height, floor to center of flue, 37" Two filters, one 10" x 20" x 1" and one 20" x 20" x 1"
HIGHBOY ** AUFO 70 & 70-2.5 AUFO 90 & 90-3 AUFO 105&105-3 AUFO 120 AUFO 120-3.5 AUFO 140 AUFO 140-4	90,000	240 240 240 250 250 260 260	1/3 1/3 1/3 1/3 1/3 1/2 1/2 3/4	800 1000 1000 1200 1400	1000 1200 1200 1400 1600	2.5 3 3 3.5	Cabinet Height 60", Width 22", Depth 34" Cold air intake opening 19" x 24" Warm air discharge 20" x 22" Height, floor to center of flue 50" Filter 20" x 25" x 1"
COUNTERFLOW AOCF 90 & 90-2.5 AOCF 105&105-3 AOCF 120 AOCF 120-3.5	90,000	235 245 245 245	1/3 1/3 1/3 1/2	800 1000 1200	1200 1200 1400	3 3 - 3.5	Cabinet Height 63", Width 23", Depth 25" Cold air intake opening, 20" x 20" Warm air discharge 18½" x 18½" Height, floor to center of flue 34½" Filter 20" x 20" x 1"
AOCF 140 AOCF 140-4	140,000 140,000	315 315	3/4 3/4	1400	1600	4	Cabinet Height 72", Width 27", Depth 27 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 ASO 105 & 105-3 ASO 120 ASO120-3.5	90,000 105,000 120,000 120,000	235 245 245 245	1/3 1/3 1/3 1/2	800 1000 1200	1200 1200 1400	3 3 3.5	Cabinet Height 23", Width 63", Depth 25 Cold air intake opening, 20" x 20" Warm air discharge 18½" x 18½" Height, floor to center of flue 11½" Filter 20" x 20" x 1"
ASO 140 ASO 140-4	140,000 140,000	315 315	3/4 3/4	1400	1800	4	Cabinet Height 27", Width 72", Depth 27 Cold air intake opening, 20" x 25" Warm air discharge 23" x 23" Height, floor to center of flue 131/2" Filter 20" x 25" x 1"

MANUFACTURING COMPANY

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Available from:

www.adamsmanufacturing.com