

# DORNBACK

## RESIDENTIAL OIL FIRED FURNACES



Keep your home warm and comfortable all winter long with an efficient DORNBACK oil-fired furnace!

### 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.

## A MODEL FOR EVERY SIZE AND APPLICATION

- 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



### HIGHBOY UFO 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 OCF

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 ACO

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 SO

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.



● **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.

**For the Total Comfort Package you can easily add a Dornback Humidifier and Electronic Air Cleaner ...**



### Draft-O-Stat

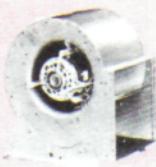
Each furnace is equipped with a patented Draft-O-Stat, the "World's finest" barometric control.

### 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

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.

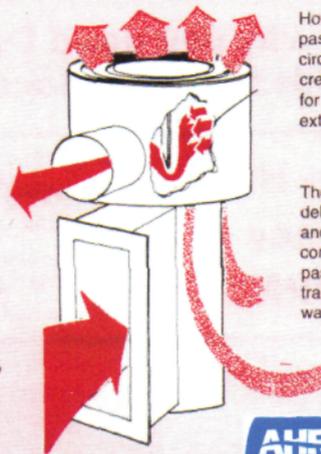


### Wrap Around Heat Exchanger

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

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.



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.



## AHRI Certified Efficiency up to 82% ...

### Specifications and Dimensions

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

# DORNBACK

## FURNACE DIVISION

9545 Granger Rd. • Garfield Hts, Ohio 44125

(216) 662-1600  
RSMLS@att.net

Available from:

www.dornbackfurnace.com