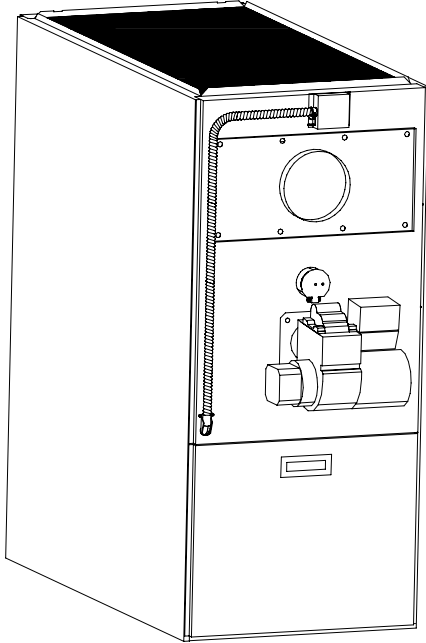




OTF210 OIL FURNACE Product Specifications

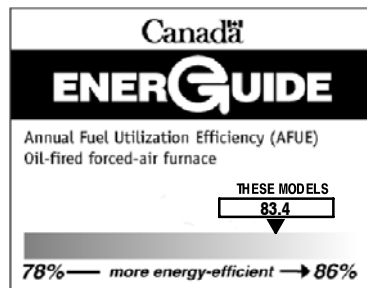


Representative only, some models may vary in appearance.

Upflow and Horizontal

FEATURES

- **Fan Control Switch** - for continuous fan operation.
- **Large external front clean out** - for easy cleaning.
- **Clean out** - sealed from blower compartment (no soot to spread).
- **Easy Access** - control panel.
- **View Port** - (some models only)
- **Furnaces** - are available with your choice of high efficiency burners. (Burners ordered and shipped separately)
- **"Easy Access" heat exchanger** - manufactured from heavy gauge steel.
- **Multi-Speed Direct Drive Motors** - permanently lubricated for long life performance.
- **Heavy-duty insulated cabinet** - for quiet operation.
- **Precision balanced blower** - ensures quiet, efficient air distribution.
- **Raised cabinet base** - allows air to circulate under the cabinet. Eliminates dampness.
- **Efficient** - Up to 83.4% AFUE.
- **Warranty** - Limited lifetime on heat exchanger, five(5) years on burner and most other parts.
- **Air conditioning ready.**



FURNACE SPECIFICATIONS

Model:	OTF210		
Rating and Performance			
Firing Rate	1.20	1.35	1.50
Input (BTUh)	168,000	189,000	210,000
Heating capacity, (BTUh)	142,000	158,000	175,000
Minimum--maximum Temperature Rise	65° - 85° F		
Beckett Burner, (3450 RPM) Chimney Installation	AFG- F6 (tube insertion 2 ⁷ / ₈ ")		
Low firing rate baffle	No		
Static disc model	2 ³ / ₄ #3383		
Nozzle (Delavan)	1.00-70W	1.10-70W	1.25-70W
Pump pressure (PSIG)	145	150	145
Combustion air adjustment (band/shutter)	0/6	1/3	1/5
Riello Burner, Model 40 Chimney Installation	F5 (tube insertion 3 ⁹ / ₁₆ ")		
Nozzle (Delavan)	1.00-70W	1.10-70W	1.25-70W
Pump pressure (PSIG)	145	150	145
Combustion air adjustment (turbulator/damper)	0/3	1/3.25	4/4
Electrical System			
Volts -- Hertz -- Phase	115-60-1		
Operating voltage range	104 - 132		
Rated current (AMP)	15.7		
Minimum ampacity for wire sizing	18.1		
Max. fuse size (AMPs.)	20.0		
Blower Data			
Blower speed @ 0.25" WC static pressure	Med-High	High	High
Blower speed @ 0.50" WC static pressure	High	High	High
Motor (HP) / number of speeds	³ / ₄ HP / 4 speeds		
Blower wheel size (in.)	GT 12 x 10		
Filter quantity and size	(1) 20 x 30		
Supply air duct W x H	22" x 30"		
Return air duct W x H	18" x 28"		
Maximum air conditioning capacity	5 tons		
Weight (Lbs.)	250		

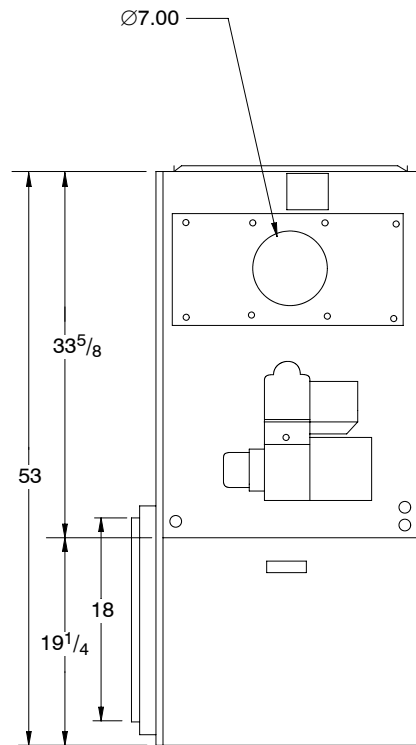
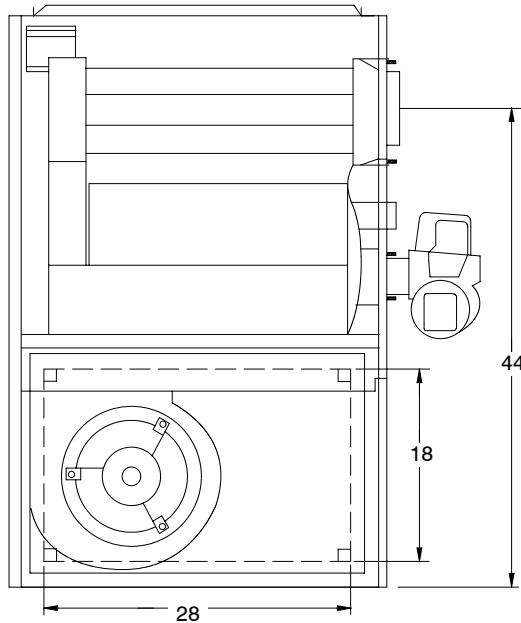
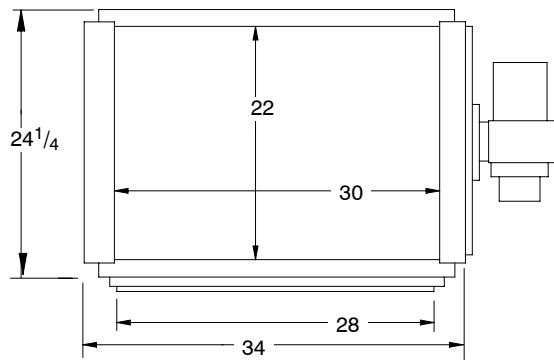
BLOWER PERFORMANCE DATA (Air delivery - CFM with air filter)

Model:	OTF210	
Speed	Air Delivery - CFM with Air Filter External Static Pressure	
	.25"	.50"
Med-High	2,200	N/A
High	2,300	2,150

NEW MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER	O	T	F	210	G	21	#
FUEL O = Oil							REVISION
PRODUCT GROUP U = Upflow H = Horizontal T = Upflow/Horizontal L = Lowboy	D = Downflow C = Downflow/Horizontal M = Multiposition						AIR FLOW 21 = 2100 CFM
SERIES F = Front Breech	R = Rear Breech						SUPPLY PLENUM SIZE A = 20 x 20 B = 24 x 24 C = 21 ¹ / ₈ x 21 ¹ / ₂ G = 22 x 30
							INPUT, MBTUH

DIMENSIONS



ALL DIMENSIONS IN INCHES

Representative only, some models may vary in appearance.

27-11-37

Minimum Installation Clearances from Combustible Materials

LOCATION	APPLICATION	OTF210	
		Upflow	Horizontal
Sides	Furnace	5.08 cm (2")	5.08 cm (2")
	Supply Plenum within 6' of furnace	2.54 cm (1")	2.54 cm (1")
Back	Furnace	5.08 cm (2")	5.08 cm (2")
Top	Furnace or plenum	2.54 cm (1")	7.6 cm (3")
	Horizontal warm air duct within 6' of Furnace	2.54 cm (1")	7.6 cm (3")
Bottom	Furnace	0"	*0"
Flue Pipe	Horizontally or below flue pipe	23 cm (9")	23 cm (9")
	Vertically above flue pipe	23 cm (9")	23 cm (9")
Front	Furnace	61 cm (24")	61 cm (24")
		*When used with HFB-101	

ACCESSORY DESCRIPTION

Accessories Model No	Description
N03G012	Nozzle, Oil Burner, Delavan, 1.00 GPH/70° W
N03G013	Nozzle, Oil Burner, Delavan, 1.10 GPH/70° W
N03G024	Nozzle, Oil Burner, Delavan, 1.25 GPH/70° W
N01J045	Beckett AFG-F6 Oil Burner (Shipped with Nozzle 1.25 - 70° W)
N01F040	Riello 40-F5 Oil Burner (Shipped with Nozzle 1.25 - 70° W)
HFB-101	Horizontal Floor Base