

MODULATING FURNACE & TANKLESS WATER HEATING

from one high-efficient product.



INDUSTRY LEADING EFFICIENCY

- 10:1 modulating burner system
- Variable-speed furnace blower option
- Modulating furnace - 19,000 BTU/hr minimum input rate
- .95 EF efficiency rated

SUPERIOR WATER HEATING PERFORMANCE

- Dual pass stainless steel heat exchanger with 1 gal. internal storage buffer
- 192,000 <=> 19,000 BTU/hr burner capacity
- 4.8 GPM output @ 77°F temperature rise
- Optional DHW Re-circ Add-on

ONE DIRECT VENT CHIMNEY FOR YOUR HOME

- PVC, Polypropylene Venting [2" or 3"]
- Only one side-wall vent set required
- Reduce building envelope penetrations
- Ideal for homes with complex side-wall gas venting
- Retro-fit inside existing B-vent and terminate vertically up and out roof

FREE UP SPACE IN YOUR HOME

- Install your entire heating system in a 32" x 32" closet
- Eliminates the space required by traditional water heater
- Giving you more storage space in replacement projects

FURNACE + WATER HEATER		Standard Duct					High Velocity Duct		
mOD-200		5L	10L	14L	18L	22L	06H	10H	15H
Weight	lbs	215	225	235	245	260	225	235	245
Dimensions [H x D x W]	inch	40.5 x 30 x 17.5		40.5 x 37 x 17.5	44.5 x 37 x 21	44.5 x 37 x 24	40.5 x 30 x 17.5	40.5 x 37 x 17.5	44.5 x 37 x 21
Electrical - Main Supply		115 Vac 60 Hz Single Phase							
Minimum Circuit Ampacity	A	7.8	14.7	14.7	14.7	18.7	14.7	14.7	14.7
Max Fuse / Circuit Breaker Size	A	15	20	20	20	25	20	20	20
Fan-coil Blower FLA	A	2.3	9.6	9.6	9.6	12.8	9.6	9.6	9.6
Fan-coil Blower Size		BC 225	FC 10x6	FC 10x6	FC 10x6	FC 11x10	FC 10x6	FC 10x6	FC 10x6
Fan-coil Blower Motor Type		Direct Drive Motor - ECM 5-speed or Variable-speed							
Fan-coil Max External Static Pressure	inch w.c.	0.6					1.5		
Fan-coil Air-Flow Range - Nominal [Adjustable]	CFM	200 - 500	300 - 1,000	400 - 1,400	600 - 1,800	800 - 2,200	200 - 600	320 - 1,000	500 - 1,500
Fan-coil Space Heating Output [Min - Max @ 140 °F Water Supply]	MBH	19 - 30	19 - 50	19 - 65	19 - 80	19 - 99	19 - 35	19 - 50	19 - 65
Burner Input [Low Fire - High Fire]	MBH	19 - 192							
Burner Output [Low Fire - High Fire]	MBH	18.6 - 186							
Nat Gas Supply Pressure [Min - Max]	inch w.c.	3.5 - 10							
Propane Supply Pressure [Min - Max]	inch w.c.	8 - 13							
Energy Factor - [EF]	%	.95							
Hot Water Setpoint [Min - Max]	°F	102 - 140							
Water Pressure [Min - Max]	psig	30 - 150							
DHW Flow Capability	usgpm	10.5 @ Δ 35°F		8.2 @ Δ 45°F		5.1 @ Δ 72°F		4.8 @ Δ 77°F	
Minimum Activation Flow Rate	usgpm	0.5 (Eco Mode)				0.1 (Comfort / Re-circ Mode)			
Re-circulation Pump		Grundfos 15-78 (non-ferrous)							
Approved Gas Vent Size		2" or 3" dia.							
Approved Gas Vent Material		PVC, polypropylene / special vent type BH (Class II, A/B/C)							
Gas Vent Max Lengths		2" dia. = 30ft per vent run				3" dia. = 100ft per vent run			

STANDARD FEATURES:

- > High-efficient water heater, including;
 - Stainless steel, CSA approved condensing water heater
 - Built-in 1ga internal DHW storage buffer
 - Direct vent, modulating, factory set natural-gas burner
 - 10:1 burner turn-down ratio
 - LP gas conversion kit available
 - Includes Grundfos non-ferrous hot water re-circ pump
 - Internal 150 psig pressure relief valve
 - Direct spark ignition system
 - Internal condensation trap
- > Energy-efficient fan-coil, Including;
 - ECM or Variable-speed blower motor options
 - Low or high velocity options
 - Built-in duct zone controller option
 - A/C ready
- > Built-in Safety's
 - Water supply high-limit
 - Flame quality
 - Blocked condensation trap
 - Chimney high-limit

