

FEATURES

- Compact, easy to install, ideal height 40" cabinet.
- May be installed as either two-pipe (sealed combustion) or single-pipe vent (using indoor combustion air)
- Blower-off delay for cooling SEER improvement.
- Easy to connect power/control wiring.
- Built-in, high level self diagnostics with fault code display.
- Low unit amp requirement for easy replacement application.
- Integrated control module for reliable, economical operation.
- Insulated blower compartment for quiet operation.
- Electronic Hot Surface Ignition saves fuel cost with increased dependability and reliability.
- Induced combustion system with inshot main burners for quiet, efficient operation.
- No special vent termination kit required.
- 100% shut off main gas valve for extra safety.
- 24V, 40 VA control transformer and blower relay supplied for add-on cooling.
- Hi-tech tubular aluminized steel primary heat exchanger.
- Secondary (condensing) heat exchanger of 29-4C high-grade stainless steel.
- Timed on, adjustable off blower capability for maximum comfort.
- Internal vent coupling for maximum serviceability.
- Solid removable bottom panel allows easy application.
- High velocity filter and filter rack provided for field installation.
- Independent door removal for greater durability and ease of access.
- Two stage heating capacity for better overall comfort.
- EcoTrak comfort system allows dealer to customize comfort settings based on regional location.

FIELD INSTALLED ACCESSORIES

Propane Conversion Kit

- 1NP0580 - All units

Condensate Neutralizer Kit

- 1NK0301

External Bottom Filter Rack

- 1BR0314 - For "A" (14-1/2") cabinets
- 1BR0317 - For "B" (17-1/2") cabinets
- 1BR0321 - For "C" (21") cabinets
- 1BR0324 - For "D" (24-1/2") cabinets

Vent Termination

- 1CT0302 - (2") Concentric Vent Terminal
- 1CT0303 - (3") Concentric Vent Terminal
- 1HT0901 - Horizontal Sidewall Vent Termination Kit

High Altitude Pressure Switches

- 1PS0501 - 60 MBH Units
- 1PS0502 - 80/1200 MBH Units
- 1PS0503 - 80/1600, 120 MBH Units
- 1PS0504 - 100/1600 MBH Units
- 1PS0505 - 100/2000 MBH Units
- 1PS0506 - 40 MBH Units

INTAKE/VENT SIZING - TWO PIPE SYSTEM

COMBUSTION AIR SUPPLY AND VENT PIPING

MAXIMUM ELBOWS AND VENT LENGTHS										
Models Input BTUH (kW)	Pipe Size Inches (cm)	Maximum Number of Elbows*								Minimum Length
		1	2	3	4	5	6	7	8	
40,000	1-1/2	30	25	20	10	N/A	N/A	N/A	N/A	5
60,000	1-1/2	30	25	20	10	N/A	N/A	N/A	N/A	5
60,000	2	60	55	50	45	40	30	20	10	5
60,000	3	85	80	75	70	65	60	50	40	20
80,000	1-1/2	20	15	N/A	N/A	N/A	N/A	N/A	N/A	5
80,000	2	60	55	50	45	40	30	20	10	5
80,000	3	85	80	75	70	65	60	50	40	20
100,000	2	25	20	15	N/A	N/A	N/A	N/A	N/A	5
100,000	3	85	80	75	70	65	60	50	40	20
120,000	3	75	70	65	60	55	45	35	25	5

Three elbows (two in vent pipe and one in the air intake pipe) are already accounted for and need not be included in the elbow count from the Table above.

NOTES:

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