
















Overview



Residential or Commercial	Residential	
Installation Location	Outdoor Only	
Exhaust Type	Frontal Exhaust	
Max Flow Rate	9.8 GPM	
Flow Rate @ 50°F Rise	6.7 GPM	
Flow Rate @ 80°F Rise	4.2 GPM	
Temperature Range	100°F - 140°F	
Production Status	Active	
Condensing	Yes	
Minimum Activation Flow Rate	0.5	
Water Quality	Treatment May Be Necessary	 
Freeze Protection	Yes	
Freeze Protection Rating - Indoor Temp	N/A	
Freeze Protection Rating - Outdoor Temp	-4°F	
Recirculation Compatible?	Yes	
New Generation Model Number	N/A	
Previous Name	N/A	
Available Temperature Settings (with remote)	100, 105, 110, 115, 120, 125, 130, 135, 140°F	
Default Temperature Setting (without remote)	120°F	
Default Temperature Program Setting Options (without remote)	120, 130, 140°F	
Production Date Range	08/2011 - Present	

Technical Specs & Installation

Min Gas Input (Btu)	16000	
Max Gas Input (Btu)	180000	
Height (in)	24.2	
Width (in)	18.3	
Depth (in)	9.4	
Weight (lbs)	57.0	
Thermal Efficiency	93%	
Energy Factor	0.91	
Afu	N/A	
Quick-Connect Compatible?	Yes	
Cold Water Connection Size (in)	3/4	
Hot Water Connection Size (in)	3/4	
Gas Connection Size (in)	3/4	
Power Supply	120 VAC (60 Hz)	
Current Draw (A)	1.775	
Exhaust Vent Diameter Requirements	N/A	
Exhaust Vent Material Requirements	N/A	
Max Vent Length with 1 elbow	N/A	
Vent Termination Clearances to Any Building Opening (ft)	Below = 1', Side = 1', or Above = 1'	
Gas Supply Pressure Range	4 - 10.5" WC	
Min Gas Line Size	3/4" up to 30'	
Water Pressure Rating (psi)	15-150	
Case Clearances (in)	Top = 36", Front = 24", Sides = 6", Back = 0"	
Combustion Air Requirements - using Indoor Air	N/A	

Combustion Air Requirements - using Outdoor Air	N/A	
Head Loss at 2 gpm	4.62 ft of head	
Cold Connection Height	2.2"	
Power Consumption w/out Freeze Prevention	64 Watts	
Power Consumption w/Freeze Prevention	203 Watts	
Flow Meter Alarm	Yes	
Service Reminder	Yes	
Condensate Handling Method?	NC-1	
Noise Rating (dB)	Less than 60 dB	
Tested to UL Computer Controlled Safety Standards	Yes	
Flame Sensor	Yes	
High Limit Switch	Yes	
Lightning Protection	Yes	
Overheat Cutoff Fuse	Yes	
Temperature Lockout	Yes	
Ignition Type	Direct Electronic	
Case Material	Durable Steel Casing with Polyester Coating	
Color/Finish	Beige	
Flue Collar Material	Stainless Steel	
Primary Heat Exchanger Material	Copper	
Secondary Heat Exchanger Material	Stainless Steel	
Mounting Type	Wall Hung	
Package Contents	Tapping Screws, Remote Controller, Remote Controller Cord, Owner's Guide, Warranty, Installation Manual	
Water Holding Capacity	0.5 gallons	

Accessories

Keypad/Thermostat Display	Included	
Compatible Remote Controller Part #	RC-7649M	
Isolator Valve Part #	IK-WV-200-1-xx	
Freeze Protection	Yes	
Freeze Protection Kit Accessory	N/A	
Outdoor Vent Cap Part #	N/A	
Pipe Cover Part #	PC-3S	
Recess Box Part #	RB-900-1	
High Elevation Adjustment	Yes	
Quick-Connect Cord Part #	QC-2	
System Controller Compatible?	No	
System Controller Part #	N/A	
Remote Controller Cord	Included	
Compatible Remote Controller Cord Part #	RC-CORD10	
Power Cord	Included in box	

Approvals

ENERGY STAR ® Qualified	Yes
CSA	Yes
Mobile Home	Yes
NSF	Yes
SCAQMD (20 ppm)	Yes
SCAQMD (55 ppm)	No
UPC	No
Energy Guide - Est. Yearly Energy Use	161 therms

Energy Guide - Est. Yearly Operating Cost	\$196
UPC Low Lead	Yes
ASME (HLW)	No
ASME (H)	No
ASME (NB)	No

Warranty

Heat Exchanger Warranty (w/out Recirculation)	12 Years
Heat Exchanger Warranty (w/ Recirculation)	12 Yrs. w/ Aquastat
Parts Warranty	5 Years
Labor Warranty	1 Year

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