



# INTEGRATED HVAC & WATER HEATING



## HOME HEATING & WATER HEATING POWERED BY TANKLESS TECHNOLOGY

### Features of the Hydronic Air Handler

- Low profile 34-inch design is lighter, easier to handle and leaves room for optional accessories
- Left or right side electric connections
- Integrated control board features diagnostics, manages all operational functions and provides hookups for humidifier and electronic air cleaner
- An insulated blower compartment makes it one of the quietest hydronic air handlers on the market today
- Pre-paint galvanized steel cabinet
- Molded permanent filter(s)
- Transformer and control fuse protection
- Solid bottom is standard
- A variety of cooling coils and plenums designed to use with the Hydronic Air Handler are available as optional accessories for air conditioning models

### AIR HANDLER MODEL:

#### RHWB- Series

- Nominal Heating Capacities from 32,000 to 90,000 BTUH [9.38 to 26.39 kW]

### TANKLESS WATER HEATER MODELS:

#### RTG-64DV indoor direct vent and RTG-64X outdoor

- Natural and LP models – 11,000 - 150,000 BTU max.
- 6.4 gal./min at 35° F rise max., 5.6 gal./min. at 45° F rise

#### RTG-84DV indoor direct vent and RTG-84X outdoor

- Natural and LP models – 11,000 - 180,000 BTU max.
- 8.4 gal./min at 35° F rise max., 6.7 gal./min. at 45° F rise

#### RTG-95DV indoor direct vent and RTG-95X outdoor

- Natural and LP models – 11,000 - 199,900 BTU max.
- 9.5 gal./min at 35° F rise max., 7.4 gal./min. at 45° F rise

#### RTGH-95DV indoor direct vent and RTGH-95X outdoor

- Natural and LP models – 11,000 - 199,900 BTU max.
- 9.5 gal./min at 35° F rise max., 8.4 gal./min. at 45° F rise

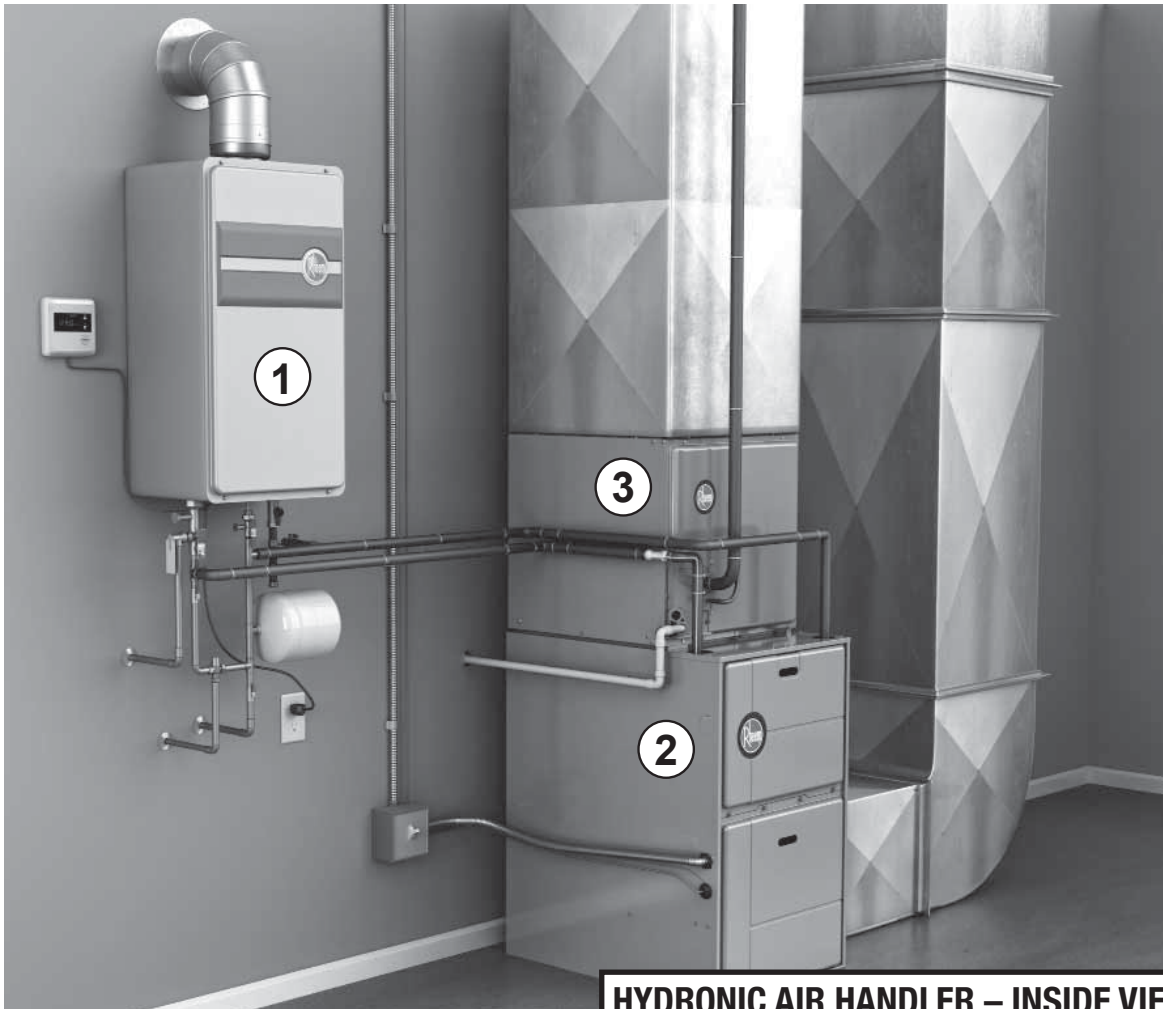
### Features of the Tankless Water Heater

- **Industry best!** Minimum flow rate of .26 GPM, minimum activation flow rate of .40 GPM
- ENERGY STAR® rated models available
- Next generation burner technology
- UMC-117 remote control and 10 ft. of thermostat wire is included
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- High-altitude capability – up to 9,840 ft. elevation above sea level (no chip required)
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self Diagnostic System





# HOME HEATING & WATER HEATING POWERED BY TANKLESS TECHNOLOGY



## SYSTEM COMPONENTS

### ① TANKLESS WATER HEATER

The Rheem tankless water heater serves two purposes in the hydronic system: it provides continuous hot water for use throughout the home. When a call for heat is made, the tankless water heater also acts as the heat-source for air handler, providing both hot water and heating for the home simultaneously.

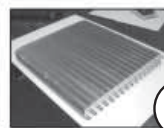
### ② HYDRONIC AIR HANDLER

The hydronic air handler features a hydronic heating coil in place of either electric heating elements or gas-fired heat exchangers. When in heating mode, the hydro pump circulates hot water between the tankless water heater and the hydronic coil.

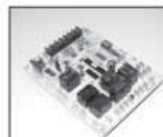
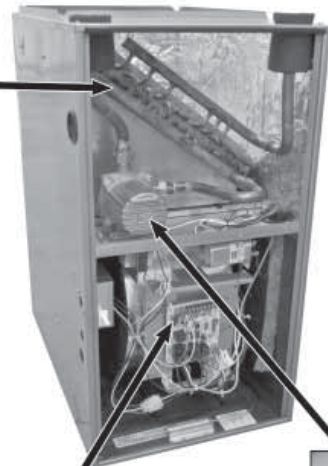
### ③ COOLING COIL

In cooling mode, the cooling coil operates the same as any other Rheem heating and cooling system.

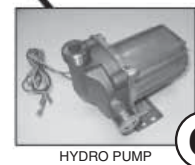
## HYDRONIC AIR HANDLER – INSIDE VIEW



HYDRONIC COIL



INTEGRATED CONTROL



HYDRO PUMP

**IMPORTANT: BEFORE PURCHASING THIS APPLIANCE, READ IMPORTANT ENERGY COST AND EFFICIENCY INFORMATION AVAILABLE FROM YOUR RETAILER.**

## HYDRONIC AIR HANDLER PHYSICAL DATA AND SPECIFICATIONS

### U.S. and Canadian Models

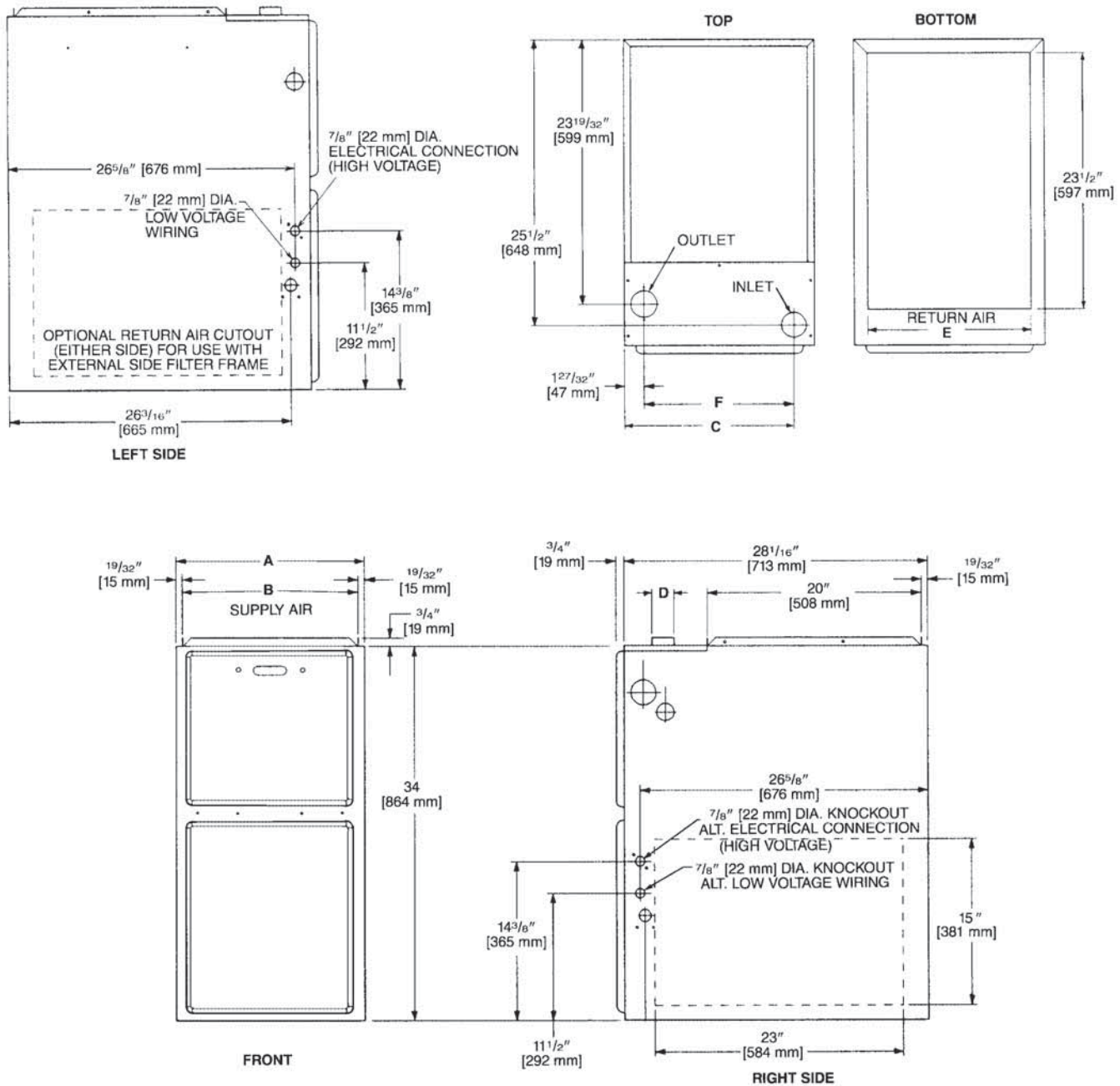
MODEL NUMBERS	RHWP-04WMP36A	RHWP-06WMP48A	RHWP-08WRP60A	RHWP-10WRP60A
NOMINAL HEATING CAPACITY BTU/HR [kW]	40,000 [11.72]	60,000 [17.58]	80,000 [23.45]	100,000 [29.31]
BLOWER (D x W) [mm]	11 x 7 [279 x 178]	11 x 7 [279 x 178]	11 x 10 [279 x 254]	11 x 10 [279 x 254]
MOTOR HP [W] - SPEEDS - TYPE	1/2 [373] - 4 - PSC	3/4 [559] - 4 - PSC	3/4 [559] - 4 - PSC	3/4 [559] - 4 - PSC
MOTOR FULL LOAD AMPS	6.8	9.5	9.5	9.5
HEATING SPEED	Low	Med Low	Med High	High
COOLING SPEED	High	High	High	High
HEAT EXT. STATIC PRESSURE (IN.W.C.) [kPa]	0.8 [.20]	0.8 [.20]	0.8 [.20]	0.8 [.20]
RATED EXT. STATIC PRESSURE (IN.W.C.) [kPa]	0.5 [.12]	0.5 [.12]	0.5 [.12]	0.5 [.12]
HEATING CFM @ .8" [.199 kPa] W.C. ESP [L/s]	590 [278]	1000 [471]	1453 [685]	1818 [858]
COOLING CFM @ .5" [.124 kPa] W.C. ESP [L/s]	1235 [582]	1622 [765]	1871 [883]	1973 [931]
TEMPERATURE RISE RANGE °F [°C]	45-75 [25-41.7]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
RETURN AIR CABINETS (OPT.) RXGR- FILTER SIZE [mm]	C17B (2) 12" x 16" [305 x 406]	C17B (2) 12" x 16" [305 x 406]	C24B (2) 24" x 16" [609 x 406]	C24B (2) 24" x 16" [609 x 406]
STANDARD, HIGH VELOCITY PERMANENT FILTER (IN.) [mm]	15 <sup>3</sup> / <sub>4</sub> x 25 x 1 [400 x 635 x 25]	15 <sup>3</sup> / <sub>4</sub> x 25 x 1 [400 x 635 x 25]	22 <sup>3</sup> / <sub>4</sub> x 25 x 1 [578 x 635 x 25]	22 <sup>3</sup> / <sub>4</sub> x 25 x 1 [578 x 635 x 25]
APPROX. SHIPPING WEIGHT (LBS) [kg]	107 [48.5]	118 [53.5]	137 [62.1]	145 [65.7]

## HYDRONIC AIR HANDLER MODEL IDENTIFICATION

R	H	W	B	-06W		M	P	36	A
Brand	Application	Type	Design Series	Heating Output Designation		Blower Size	Variations	Heat/Cool Designation	Revision
				Inlet Water Temp = 150F [66°C]	Output BTU/HR [kW]				
R = Rheem	H = Air handler	W = Water	B = 2nd Series	04W	40,000 [11.7 kW]	M = 11x7 [279 x 178 mm] R = 11x10 [279 x 254 mm]	P = PSC	36 = 1100-1300 CFM [519-613.5 L/s] 48 = 1500-1700 CFM [707.9-802.3 L/s] 60 = 1900-2100 CFM [896.7-991.1 L/s]	A = Rev 0
				06W	60,000 [17.6 kW]				
				08W	80,000 [23.5 kW]				
				10W	90,000 [28.3 kW]				

[ ] Designates Metric Conversions

# HYDRONIC AIR HANDLER DIMENSIONS AND SPECIFICATIONS



## DIMENSIONS AND CLEARANCE TO COMBUSTIBLE MATERIAL (Inches) [mm]

MODEL RHWB	A	B	C	D	E	F	LEFT SIDE	MINIMUM CLEARANCE				SHIP WGTs (lbs) [kg]
								RIGHT SIDE	BACK	TOP	FRONT	
04WM	$17\frac{1}{2}$ [445]	$16\frac{11}{32}$ [415]	$15\frac{5}{8}$ [397]	$\frac{3}{4}$ [19] ID	15 [422]	$13\frac{25}{32}$ [350]	0	0	0	1 [25]	0*	107 [48.5]
06WM	$17\frac{1}{2}$ [445]	$16\frac{11}{32}$ [415]	$15\frac{5}{8}$ [397]	$\frac{3}{4}$ [19] ID	15 [422]	$13\frac{25}{32}$ [350]	0	0	0	1 [25]	0*	118 [53.5]
08WR	$24\frac{1}{2}$ [622]	$23\frac{11}{32}$ [593]	$22\frac{5}{8}$ [575]	$\frac{3}{4}$ [19] ID	22 [600]	$20\frac{25}{32}$ [528]	0	0	0	1 [25]	0*	137 [62.1]
10WR	$24\frac{1}{2}$ [622]	$23\frac{11}{32}$ [593]	$22\frac{5}{8}$ [575]	$\frac{3}{4}$ [19] ID	22 [600]	$20\frac{25}{32}$ [528]	0	0	0	1 [25]	0*	145 [65.7]

\*A service clearance of at least 24 inches [634mm] is recommended in front of all air handlers.

[ ] Designates Metric Conversions

# HYDRONIC AIR HANDLER AIR FLOW PERFORMANCE - RHWB MODELS

Model	Blower / Motor HP Inches [mm]	CFM [L/s] Air Delivery External Static Pressure Inches Water Column [kPa]										
		Speed	0.1 [.02]	0.2 [.05]	0.3 [.07]	0.4 [.10]	0.5 [.12]	0.6 [.15]	0.7 [.17]	0.8 [.19]	0.9 [.22]	1.0 [.24]
RHWB-04WMP36A	11 x 7 [279 x 178] / 1/2 [373]	Low	794 [375]	775 [366]	749 [353]	719 [339]	686 [324]	655 [309]	621 [293]	590 [278]	534 [252]	473 [223]
		M-Lo	1036 [489]	1024 [483]	1002 [473]	977 [461]	922 [435]	896 [423]	865 [408]	826 [390]	761 [359]	689 [325]
		M-Hi	1202 [567]	1176 [555]	1160 [547]	1100 [519]	1073 [506]	1047 [494]	1008 [476]	969 [457]	926 [437]	890 [420]
		High	1356 [640]	1336 [631]	1301 [614]	1266 [597]	1235 [583]	1202 [567]	1156 [546]	1093 [516]	1030 [486]	959 [453]
RHWB-06WMP48A	11 x 7 [279 x 178] / 3/4 [559]	Low	921 [435]	915 [432]	886 [418]	876 [413]	855 [404]	841 [397]	817 [386]	780 [368]	734 [346]	690 [326]
		M-Lo	1189 [561]	1180 [557]	1179 [556]	1137 [537]	1131 [534]	1102 [520]	1072 [506]	1030 [486]	985 [465]	915 [432]
		M-Hi	1335 [630]	1315 [621]	1306 [616]	1307 [617]	1277 [603]	1246 [588]	1210 [571]	1161 [548]	1090 [514]	1019 [481]
		High	1841 [869]	1795 [847]	1747 [824]	1681 [793]	1622 [765]	1560 [736]	1500 [708]	1420 [670]	1358 [641]	1288 [608]
RHWB-08WRP60A	11 x 10 [279 x 254] / 3/4 [559]	Low	1319 [623]	1307 [617]	1300 [614]	1240 [585]	1236 [583]	1210 [571]	1177 [555]	1149 [542]	1100 [519]	1032 [487]
		M-Lo	1484 [700]	1480 [698]	1471 [694]	1463 [690]	1418 [669]	1385 [654]	1359 [641]	1314 [620]	1246 [588]	1166 [550]
		M-Hi	1687 [796]	1676 [791]	1671 [789]	1611 [760]	1586 [749]	1553 [733]	1513 [714]	1453 [686]	1389 [656]	1284 [606]
		High	1971 [930]	1974 [932]	1948 [919]	1929 [910]	1871 [883]	1806 [852]	1751 [826]	1699 [802]	1610 [760]	1511 [713]
RHWB-10WRP60A	11 x 10 [279 x 254] / 3/4 [559]	Low	1299 [613]	1294 [611]	1308 [617]	1279 [604]	1257 [593]	1231 [581]	1205 [569]	1165 [550]	1122 [530]	1053 [497]
		M-Lo	1515 [715]	1519 [717]	1499 [707]	1487 [702]	1415 [668]	1418 [669]	1394 [658]	1348 [636]	1296 [612]	1221 [576]
		M-Hi	1684 [795]	1695 [800]	1693 [799]	1663 [785]	1620 [765]	1586 [749]	1569 [740]	1514 [715]	1451 [685]	1365 [644]
		High	1954 [922]	1971 [930]	1974 [932]	1982 [935]	1973 [931]	1944 [917]	1917 [905]	1818 [858]	1775 [838]	1700 [802]

Note: Units tested without filters in place.

# HYDRONIC AIR HANDLER WITH TANKLESS WATER HEATER PERFORMANCE

Air Handler Model	Tankless Model	Blower Speed	ESP (In. W.C.)	Heating Air Delivery (CFM) [L/s]	Capacity (BTU/HR) [kW]				
					Entering Water Temperature (°F) (°C)				
					120 [49]	130 [54]	140 [60]	150* [65]	160 [71]
RHWB-04WMP36A	RTG-64	High	0.5 [124.5]	1235 [583]	26400 [7.74]	31800 [9.32]	35500 [10.40]	N/A	N/A
	RTG-84				25700 [7.53]	30900 [9.06]	33900 [9.94]	39600 [11.61]	44800 [13.13]
	RTG-95				25600 [7.50]	31500 [9.23]	34600 [10.14]	40000 [11.72]	45400 [13.31]
	RTGH-84				27700 [8.12]	30100 [8.82]	35400 [10.37]	40600 [11.90]	46000 [13.48]
	RTGH-95				25400 [7.44]	30200 [8.85]	32700 [9.58]	40200 [11.78]	45400 [13.31]
RHWB-06WMP48A	RTG-53	High	0.5 [124.5]	1622 [765]	32600 [9.55]	39500 [11.58]	47500 [13.92]	N/A	N/A
	RTG-64				40900 [11.99]	47100 [13.80]	51000 [14.95]	N/A	N/A
	RTG-66				40200 [11.78]	46400 [13.60]	54700 [16.03]	63500 [18.61]	71300 [20.90]
	RTG-74				37700 [11.05]	46200 [13.54]	54000 [15.83]	62700 [18.38]	71300 [20.90]
	RTG-84				40000 [11.72]	47800 [14.01]	52100 [15.27]	60300 [17.67]	68100 [19.96]
	RTG-95				37200 [10.90]	45200 [13.25]	50900 [14.92]	59200 [17.35]	66400 [19.46]
	RTGH-84				38600 [11.31]	44300 [12.98]	49000 [14.36]	55300 [16.21]	62000 [18.17]
RTGH-95	33900 [9.94]	43300 [12.69]	53800 [15.77]	60600 [17.76]	69500 [20.37]				
RHWB-08WRP60A	RTG-53	Med-High	0.5 [124.5]	1586 [749]	35000 [10.26]	41300 [12.10]	50600 [14.83]	N/A	N/A
	RTG-64				42000 [12.31]	50900 [14.92]	53400 [15.65]	N/A	N/A
	RTG-66				40400 [11.84]	50500 [14.80]	56500 [16.56]	65500 [19.20]	73600 [21.57]
	RTG-74				40300 [11.81]	49700 [14.57]	58800 [17.23]	71600 [20.98]	81600 [23.91]
	RTG-84				45800 [13.42]	53300 [15.62]	56900 [16.68]	66900 [19.61]	76000 [22.27]
	RTG-95				45300 [13.28]	53100 [15.56]	60000 [17.58]	70500 [20.66]	80700 [23.65]
	RTGH-84				45900 [13.45]	54900 [16.09]	59000 [17.29]	67500 [19.78]	75900 [22.24]
	RTGH-95				44900 [13.16]	52700 [15.44]	58300 [17.09]	65200 [19.11]	73100 [21.42]
RHWB-10WRP60A	RTG-53	Med-High	0.5 [124.5]	1620 [765]	35500 [10.40]	44500 [13.04]	53300 [15.62]	N/A	N/A
	RTG-64				40800 [11.96]	48000 [14.07]	53200 [15.59]	N/A	N/A
	RTG-66				48300 [14.16]	57800 [16.94]	62100 [18.20]	71800 [21.04]	83000 [24.32]
	RTG-74				49300 [14.45]	59600 [17.47]	69500 [20.37]	79100 [23.18]	89700 [26.29]
	RTG-84				43200 [12.66]	51800 [15.18]	56900 [16.68]	65100 [19.08]	75400 [22.10]
	RTG-95				48300 [14.16]	58200 [17.06]	61000 [17.88]	71000 [20.81]	79800 [23.39]
	RTGH-84				44600 [13.07]	53000 [15.53]	56000 [16.41]	65400 [19.17]	74400 [21.80]
	RTGH-95				44600 [13.07]	52000 [15.24]	56500 [16.56]	65400 [19.17]	75500 [22.12]

CFM = Cubic Feet Per Minute

ESP = External Static Pressure

\*Recommended Operating Point

Inlet Air at 72°F [22°C]

Capacities are based on a piping arrangement with a total equivalent length of 100 ft [30m].

Entering water temperatures must not exceed 160°F [71°C]

# SAMPLE HYDRONIC AIR HANDLER PERFORMANCE

SAMPLE HYDRONIC AIR HANDLER PERFORMANCE									
	WATER INLET TEMP (°F) [°C]	WATER OUTLET TEMP (°F) [°C]	WATER FLOW		AIR INLET TEMP (°F) [°C]	AIR OUTLET TEMP (°F) [°C]	AIR CFM [L/s]	CAPACITY (BTU/HR) [kW]	AIR TEMP RISE (°F) [°C]
			LB/HR	GPM					
RHWB-04WMP36A	120 [49]	110 [43]	[kg/hr]	4	68 [20]	106 [41]	646 [305]	20900 [6.13]	30 [17]
	130 [54]	117 [47]	2000/ [907]			113 [45]		25800 [7.56]	37 [21]
	140 [60]	125 [52]				122 [50]		29800 [8.73]	43 [24]
	150 [66]	132 [56]				130 [54]		35000 [10.26]	50 [28]
	160 [71]	140 [60]				137 [58]		40000 [11.72]	57 [32]
RHWB-06WMP48A	120 [49]	100 [38]	2000/ [907]	4	68 [20]	105 [41]	1000 [472]	38200 [11.20]	31 [17]
	130 [54]	108 [42]				109 [43]		44900 [13.16]	37 [21]
	140 [60]	115 [46]				116 [47]		50600 [14.83]	42 [23]
	150 [66]	120 [49]				126 [52]		60000 [17.58]	49 [27]
	160 [71]	126 [52]				129 [54]		67100 [19.67]	55 [31]
RHWB-08WRP60A	120 [49]	97 [36]	2000/ [907]	4	68 [20]	103 [39]	1450 [684]	45500 [13.33]	26 [14]
	130 [54]	103 [39]				108 [42]		53700 [15.74]	31 [17]
	140 [60]	109 [43]				113 [45]		62500 [18.32]	36 [20]
	150 [66]	114 [46]				120 [49]		71800 [21.04]	42 [23]
	160 [71]	120 [49]				123 [51]		80500 [23.59]	47 [26]
RHWB-10WRP60A	120 [49]	96 [36]	2000/ [907]	4	68 [20]	100 [38]	1800 [850]	47200 [13.83]	27 [15]
	130 [54]	101 [38]				110 [43]		57800 [16.94]	33 [18]
	140 [60]	106 [41]				112 [44]		66900 [19.61]	38 [21]
	150 [66]	111 [44]				119 [48]		77000 [22.57]	44 [24]
	160 [71]	106 [46]				124 [51]		86800 [25.44]	50 [28]

CFM = Cubic Feet Per Minute

Performance is based on the following assumptions:

- 1) an estimated 100 ft. [30m] equivalent length of 0.75-inch piping
- 2) 0.50" [13] w.c. of external air static.

[ ] Designates Metric Conversions

# 64 TANKLESS SERIES

## Continuous hot water for 1-2 bathroom homes\*

**RTG-64DV indoor direct vent and RTG-64X outdoor natural and LP models – 11,000 - 150,000 BTU max.**  
6.4 gal./min at 35° F rise max., 5.6 gal./min. at 45° F rise

Limited Warranty:

**12-Year on heat exchanger, 5-Year on parts, 1-Year on labor**

See Residential Warranty Information Brochure for complete warranty information.

- **New!** 3"/5" Concentric Vent System with Integrated Condensate Collector
- Connects to Metal Fab Inc., 3"/5" Concentric Venting without an adapter
- **New!** Next Generation Burner Technology
- **Industry Best!** .26 GPM Minimum Flow Rate, .40 GPM Minimum Activation Flow Rate
- UMC-117 remote control and 10 ft. of thermostat wire is included
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- **New!** Manifold up to 6 units with an optional MIC-6 manifold control board
- **Exclusive!** All Rheem models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- High-altitude capability – up to 9,840 ft. elevation above sea level (no chip required)
- **Exclusive!** Guardian OFW™ overheat film wrap
- All Rheem tankless models are third-party efficiency certified by GAMA
- Continuous hot water, energy saving and compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self Diagnostic System
- Digital display shows temperature setting and maintenance codes
- Built-in electric blower
- Supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Freeze protection to -30° F

Product appearance may differ.

\* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.



## SPECIFICATIONS

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE			CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	D. O. E. ANN. OP. COST NAT/LP
				GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.	WATER	GAS							

RHEEM TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES															
RTG-64DVN	11,000 - 150,000	Indoor Direct Vent	100° to 140° F	3.3	5.6	6.4	3/4 [19]	3/4 [19]	25-5/8 [651]	13-7/8 [352]	9-7/8 [251]	3 by 5 [76 by 126] CONCENTRIC	54 [24]	.82	\$223/\$374
RTG-64XN	11,000 - 150,000	Outdoor	100° to 140° F	3.3	5.6	6.4	3/4 [19]	3/4 [19]	23-5/8 [651]	13-7/8 [352]	8-7/8 [225]	N/A	54 [24]	.82	\$223/\$374

[ ] Designates Metric Conversions

# 84 TANKLESS SERIES

## Continuous hot water for 2-3 bathroom homes\*

**RTG-84DV indoor direct vent and RTG-84X outdoor natural and LP models – 11,000 - 180,000 BTU max.**  
8.4 gal./min at 35° F rise max., 6.7 gal./min. at 45° F rise

Limited Warranty:

**12-Year on heat exchanger, 5-Year on parts, 1-Year on labor**

See Residential Warranty Information Brochure for complete warranty information.

- **New!** 3"/5" Concentric Vent System with Integrated Condensate Collector
- Connects to Metal Fab Inc., 3"/5" Concentric Venting without an adapter
- **New!** Next Generation Burner Technology
- **Industry Best!** .26 GPM Minimum Flow Rate, .40 GPM Minimum Activation Flow Rate
- UMC-117 remote control and 10 ft. of thermostat wire is included
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- **New!** Manifold up to 6 units with an optional MIC-6 manifold control board
- **Exclusive!** All Rheem models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- High-altitude capability – up to 9,840 ft. elevation above sea level (no chip required)
- **Exclusive!** Guardian OFW™ overheat film wrap
- All Rheem tankless models are third-party efficiency certified by GAMA
- Continuous hot water, energy saving and compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self Diagnostic System
- Digital display shows temperature setting and maintenance codes
- Built-in electric blower
- Supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Freeze protection to -30° F

Product appearance may differ.

\* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.



## SPECIFICATIONS

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE			CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	D.O.E. ANN. OP. COST NAT/LP
				GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.	WATER	GAS							
<b>RHEEM TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES</b>															
RTG-84DVN	11,000 - 180,000	Indoor Direct Vent	85° to 140° F	3.9	6.7	8.4	3/4 [19]	3/4 [19]	25-5/8 [651]	13-7/8 [352]	9-7/8 [251]	3 by 5 [76 by 126] CONCENTRIC	54 [24]	.82	\$223/\$374
RTG-84XN	11,000 - 180,000	Outdoor	85° to 140° F	3.9	6.7	8.4	3/4 [19]	3/4 [19]	23-5/8 [651]	13-7/8 [352]	8-7/8 [225]	N/A	54 [24]	.82	\$223/\$374

[ ] Designates Metric Conversions



# 95 TANKLESS SERIES

Continuous hot water for 3 bathroom homes\*

**RTG-95DV indoor direct vent and RTG-95X outdoor natural and LP models – 11,000 - 199,900 BTU max.**  
9.5 gal./min at 35° F rise max., 7.4 gal./min. at 45° F rise

Limited Warranty:

**12-Year on heat exchanger, 5-Year on parts, 1-Year on labor**

See Residential Warranty Information Brochure for complete warranty information.

- **New!** 3"/5" Concentric Vent System with Integrated Condensate Collector
- Connects to Metal Fab Inc., 3"/5" Concentric Venting without an adapter
- **New!** Next Generation Burner Technology
- **Industry Best!** .26 GPM Minimum Flow Rate, .40 GPM Minimum Activation Flow Rate
- UMC-117 remote control and 10 ft. of thermostat wire is included
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- **New!** Manifold up to 6 units with an optional MIC-6 manifold control board
- **Exclusive!** All Rheem models can be linked in up to 20 unit manifold installations by using the optional MIC-180 and MICS-180 manifold control assembly
- High-altitude capability – up to 9,840 ft. elevation above sea level (no chip required)
- **Exclusive!** Guardian OFW™ overheat film wrap
- All Rheem tankless models are third-party efficiency certified by GAMA
- Continuous hot water, energy saving and compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self Diagnostic System
- Digital display shows temperature setting and maintenance codes
- Built-in electric blower
- Supplied with a 120 volt power cord
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Freeze protection to -30° F

Product appearance may differ.

\* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.



## SPECIFICATIONS

DESCRIPTION			FEATURES				ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	WATER FLOW RATE			CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER (INCHES)	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	D.O.E. ANN. OP. COST NAT/LP
				GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	GPM @ 35° RISE MAX.	WATER	GAS							
<b>RHEEM TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES</b>															
RTG-95DVN	11,000 - 199,900	Indoor Direct Vent	85° to 140° F*	4.3	7.4	9.5	3/4 [19]	3/4 [19]	25-5/8 [651]	13-7/8 [352]	9-7/8 [251]	3 by 5 [76 by 126] CONCENTRIC	54 [24]	.82	\$223/\$374
RTG-95XN	11,000 - 199,900	Outdoor	85° to 140° F*	4.3	7.4	9.5	3/4 [19]	3/4 [19]	23-5/8 [651]	13-7/8 [352]	8-7/8 [225]	N/A	54 [24]	.82	\$223/\$374

[ ] Designates Metric Conversions

# CONDENSING TANKLESS SERIES

Continuous hot water for 3 bathroom homes\*

**RTGH-95DV indoor direct vent and RTGH-95X outdoor natural and LP models – 11,000 - 199,900 BTU max.**

9.5 gal./min at 35° F rise max., 8.4 gal./min. at 45° F rise

Limited Warranty:

**12-Year on heat exchanger, 5-Year on parts, 1-Year on labor**

See Residential Warranty Information Brochure for complete warranty information.

- .94 Energy Factor (EF) with efficient stainless steel condensing heat exchanger
- 2-Pipe Direct Vent System designed for PVC Pipe, See instructions for details
- Up to 35 ft. of 3" PVC Pipe or 5 ft. of 2" PVC Pipe, See instructions for details
- **Industry Best!** .26 GPM Minimum Flow Rate, .40 GPM Minimum Activation Flow Rate
- Digital (UMC-117) remote control and 10 ft. of thermostat wire included
- EZ-Link™ cable available for high demand applications to connect two tankless units to operate as one
- Manifold up to 6 units with an optional MIC-6 manifold control board
- Manifold up to 20 units with the optional MIC-180 plus the MICS-180 manifold control assembly
- High-altitude capability – up to 9,840 ft. elevation above sea level (no chip required)
- **Exclusive!** Guardian OFW™ overheat film wrap
- All Rheem tankless models are third-party efficiency listed by GAMA/AHRI
- Continuous hot water, energy saving and compact, space saving design
- Intelligent electronic controls designed to increase energy efficiency and safety
- Self Diagnostic System
- Digital display shows temperature setting and maintenance codes
- Built-in electric blower
- Supplied with a 120 volt power cord (indoor models only)
- Environmentally friendly Low NOx burner meets SCAQMD rule 1146 requirements
- Freeze protection to -30° F

Product appearance may differ.

\* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.



**.94**  
Energy Factor!

## SPECIFICATIONS

DESCRIPTION			FEATURES						ROUGHING IN DIMENSIONS (SHOWN IN INCHES)						ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/HR.	TYPE	TEMP. RANGE	MIN. FLOW /ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION		HEIGHT	WIDTH	DEPTH	VENT DIAMETER	SHIP WEIGHT (LBS.)	ENERGY FACTOR	% OF THERM. EFFICIENCY	D.O.E. ANN. OP. COST NAT/LP
								WATER	GAS								
<b>RHEEM TANKLESS WATER HEATERS FOR 3 BATHROOM HOMES</b>																	
RTGH-95DVN*	11,000 - 199,900	Indoor Direct Vent	85° to 140° F*	.26/.40	4.9	8.4	9.5	3/4 [19]	3/4 [19]	27-1/2 [698]	18-1/2 [470]	9-3/4 [248]	3" PVC 2-Pipe	82 [37]	.94	94%	194/326
RTGH-95XN*	11,000 - 199,900	Outdoor	85° to 140° F*	.26/.40	4.9	8.4	9.5	3/4 [19]	3/4 [19]	27-1/2 [698]	18-1/2 [470]	9-3/4 [248]	N/A	82 [37]	.94	94%	194/326

[ \* ] Designates Metric Conversions

# ACCESSORIES

**RETURN AIR PLENUM:** RXGR-C17B  
RXGR-C24B

**EXTERNAL BOTTOM FILTER RACK:** RXGF-CB

**EXTERNAL SIDE FILTER RACK:** RXGF-CA

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	RXGF-CB (BOTTOM)	RXGF-CA (SIDE)
RHWB-04WMAES	15 <sup>3</sup> / <sub>4</sub> x 25 [400 x 635]	15 <sup>3</sup> / <sub>4</sub> x 25 [400 x 635]
RHWB-06WGAES	15 <sup>3</sup> / <sub>4</sub> x 25 [400 x 635]	15 <sup>3</sup> / <sub>4</sub> x 25 [400 x 635]
RHWB-08WRAJS	22 <sup>3</sup> / <sub>4</sub> x 25 [578 x 635]	15 <sup>3</sup> / <sub>4</sub> x 25 [400 x 635]
RHWB-10WRAJS	22 <sup>3</sup> / <sub>4</sub> x 25 [578 x 635]	15 <sup>3</sup> / <sub>4</sub> x 25 [400 x 635]

\*Filter racks are shipped without filters.  
Filters shipped with hydronic air handler may be used or a suitable 1" [25.4 mm] filter.

## PLENUM DATA FOR "INDOOR COOLING" COILS

Plenum adapters are required in some instances for use on applications when plenum and hydronic air handler size do not match. See Indoor Coil Specification Sheet for Details.

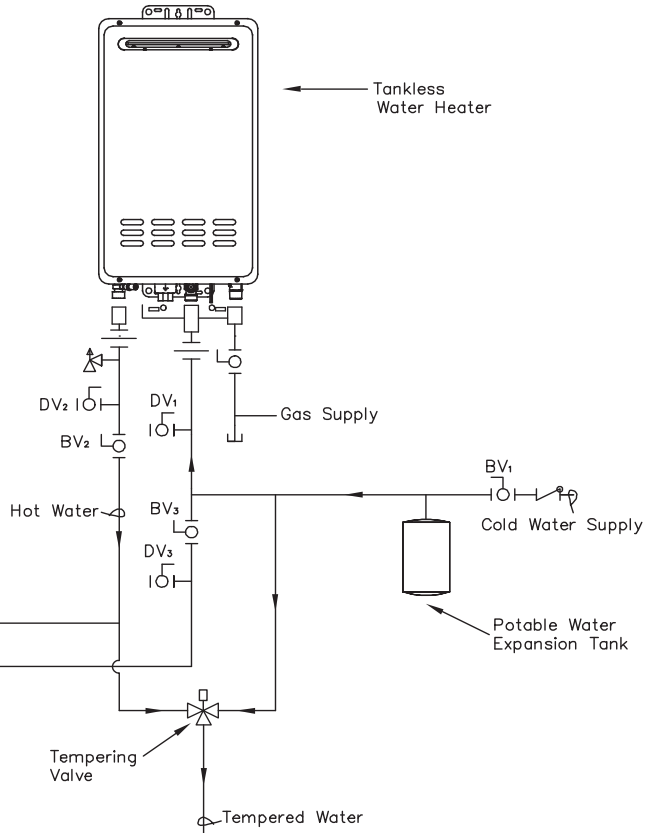
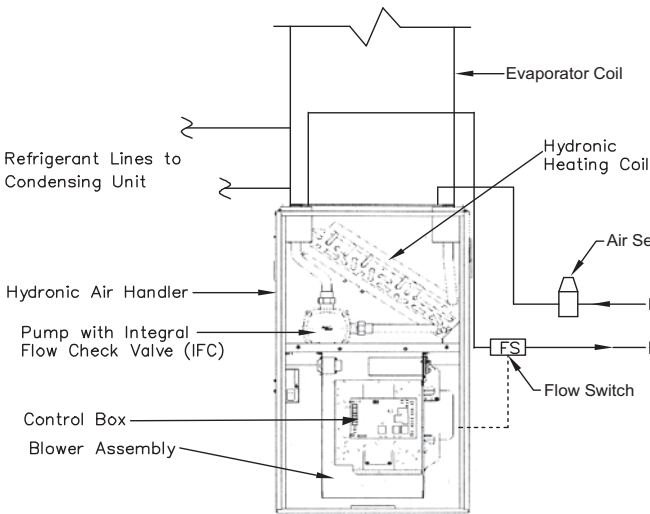
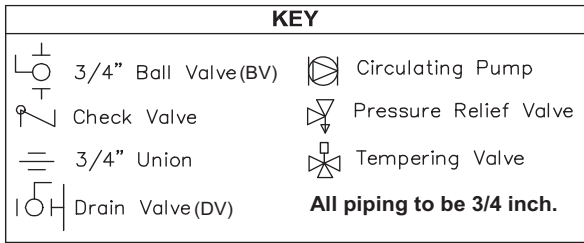
AIR HANDLER WIDTH IN. [mm]	PLENUM WIDTH IN. [mm]	PLENUM ADAPTER	COIL PLENUM
17 <sup>1</sup> / <sub>2</sub> [445]	16 <sup>1</sup> / <sub>4</sub> [413]	RXAA-C185	RXAL-B16BU
17 <sup>1</sup> / <sub>2</sub> [445]	20 <sup>1</sup> / <sub>4</sub> [514]	RXAA-C173	RXAL-B20BU
17 <sup>1</sup> / <sub>2</sub> [445]	21 <sup>5</sup> / <sub>8</sub> [549]	RXAA-C187	RXAL-B21BU
17 <sup>1</sup> / <sub>2</sub> [445]	25 <sup>1</sup> / <sub>4</sub> [641]	RXAA-C174	RXAL-B25BU
24 <sup>1</sup> / <sub>2</sub> [622]	25 <sup>1</sup> / <sub>4</sub> [641]	RXAA-C177	RXAL-B25BU
24 <sup>1</sup> / <sub>2</sub> [622]	21 <sup>5</sup> / <sub>8</sub> [549]	RXAA-C187	RXAL-B21BU

[ ] Designates Metric Conversions

## TANKLESS WATER HEATER ACCESSORIES

Visit RheemTankless.com for a current listing of Rheem Tankless accessories.

# TYPICAL PIPING ARRANGEMENT FOR DIRECT SPACE HEATING AND DOMESTIC WATER SUPPLY WITH TANKLESS



## GENERAL TERMS OF LIMITED WARRANTY

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

**\*For Complete Details of the Limited Warranty, Including Applicable Terms and Conditions, See Your Local Installer or Contact the Manufacturer for a Copy.**

### Hydronic Air Handler Warranty Terms

Labor*	One (1) Year
Air Handler Heat Exchanger/Coil*	Five (5) Years
Any Other Part*	Five (5) Years

**Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.**

**Rheem Heating,  
Cooling and  
Water Heating**

P.O. Box 17010, Fort Smith, AR 72917



*"In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice."*