Heating and Water Heating Systems Powered by Tankless

Home heating and water heating solutions, powered by tankless technology, provide integrated home comfort in one efficient system

Hydronic Air Handler Features

- 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
- Stainless steel water pump

Tankless Water Heater Features

- Industry Best! Minimum flow rate of 0.26 GPM, minimum activation flow rate of 0.40 GPM
- ENERGY STAR® rated
- 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 for easy installation and service

Download spec sheet from Ruud.com or ask for forms TKR-806 and TKR-808 for details.

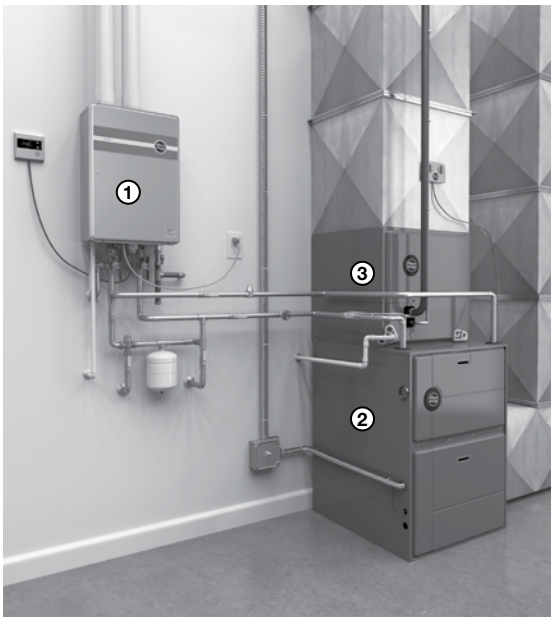
RHWB Series
Hydronic Air Handler
Nominal Heating Capacities:
32-90 kBTU [9.38-26.39 kW]

System Components

① **Tankless Water Heater**
The Ruud 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 Ruud heating and cooling system.



RUTGH and RUTG Series
Indoor Direct Vent and
Outdoor Models
11,000-199,900 BTU/h
Natural and LP Gas

LEED Points = 2

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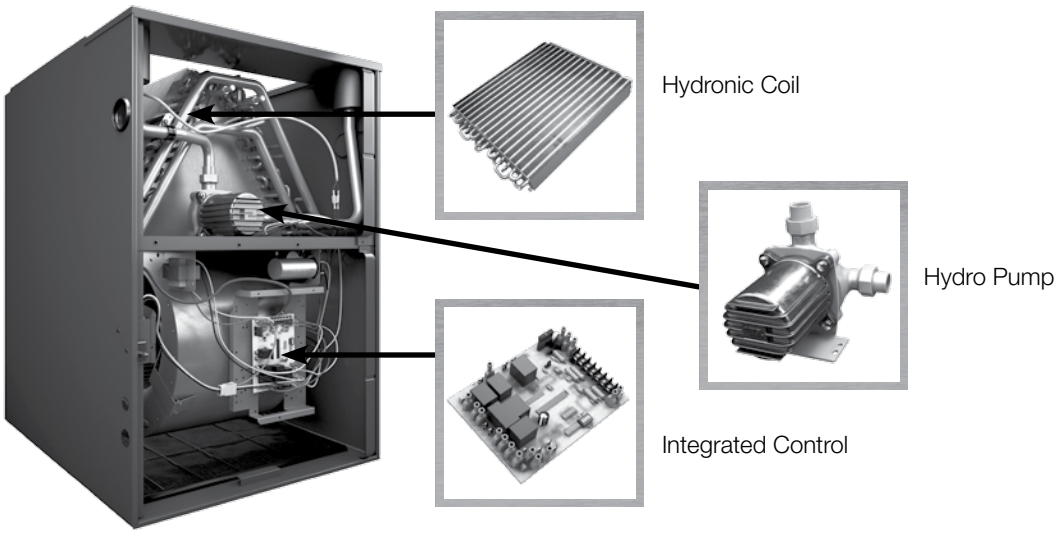
Consumer Features and Benefits

	Features	Homeowner Benefit
Ruud Integrated Heating and Water Heating System powered by Tankless	The only heating and water heating system designed, built and warrantied by one company	Ease of purchase and ownership
	Components are designed and optimized to work together	Maximum efficiency and reliability
	Compatible with Ruud cooling solutions	Can provide a full Integrated Home Comfort System
	Warranty	System backed by a 5-Year air handler warranty, and 10-Year tankless water heater heat exchanger warranty.
Hydronic Air Handler PSC and High Efficiency	Integrated sensor - only allows water into the air handler when it's needed to satisfy home comfort needs	Prevents the air handler from using hot water if the household is utilizing large amounts elsewhere.
	High Efficiency (EcoTech™ ECM) motor – optional	High efficiency motor provides energy savings during heating and cooling.
	Insulated Blower Compartment	Quiet operation - this is one of the quietest hydronic air handlers on the market
	Energy efficiency	Unit matches the efficiency of the tankless water heater it is paired with for energy cost savings.
	4-way convertible design and low 34" profile	Allows the unit to easily fit in with the design of your home.
	Produces heat that is less dry than traditional heating methods	This system improves the comfort of the home by maintaining proper humidity levels, improving air quality and lowering static electricity levels. Because the unit uses water to transfer heat, the heat you feel is naturally softer and less drying than heat produced by traditional furnaces and air handlers. Not as much humidification needed with this system.
Tankless Water Heater (condensing and mid-efficiency)	Dual function	The tankless unit serves as one heat source for the entire home – it provides hot water and heating to the home.
		One tankless unit can provide sufficient hot water for household needs (showers, baths, dish washing, laundry, etc.) and heating for a home with three or more bathrooms.
	Energy efficient heating	Provides energy cost savings - highly efficient method of home heating that allows the air handler to match the efficiency of the tankless unit
	High Btu burner	Continuous Hot Water - Tankless water heaters heat water when it is needed so you're comfortable even if you happen to get the last shower of the day. Shower after shower, dish after dish, the hot water just keeps coming!
	Compact unit that mounts on the wall	Saves space - Tankless water heaters are less than half the height of traditional water heaters and are mounted on the wall which can free up valuable space for storage.
	Outdoor models available	Depending on the local climate, an outdoor model may be a good fit saving even more space by completely removing water heating equipment from inside the home.
	Heats water only when it is needed	Provides energy cost savings - Tankless water heating saves an average 25-30%* on energy costs over traditional water heating methods because water is heated only when it is needed compared to being heated and reheated all day long. Our Prestige™ Series of tankless water heaters combine the energy saving benefits of tankless water heating with condensing technology which results in more cost savings for you. *Savings amount based on estimated DOE Annual Operating Cost of a tankless gas water heater compared to a traditional gas water heater.
	Low activation flow rate	Water Saving Features- Ruud tankless water heaters offer a low activation rate which means the water heater is activated without turning the water on high and they are compatible with low flow fixtures. They are also the only tankless water heaters programed to minimize water wasted due to the cold-water sandwich phenomenon.
	EZ-Link™ cable compatible	Scalable solution - Easily connects two tankless units to operate as one for high demand applications

Hydronic Air Handler – Inside View



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 = Ruud	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 X = Eco Tech™ (ECM)	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]				

General Data – PSC Models U.S. and Canadian Models

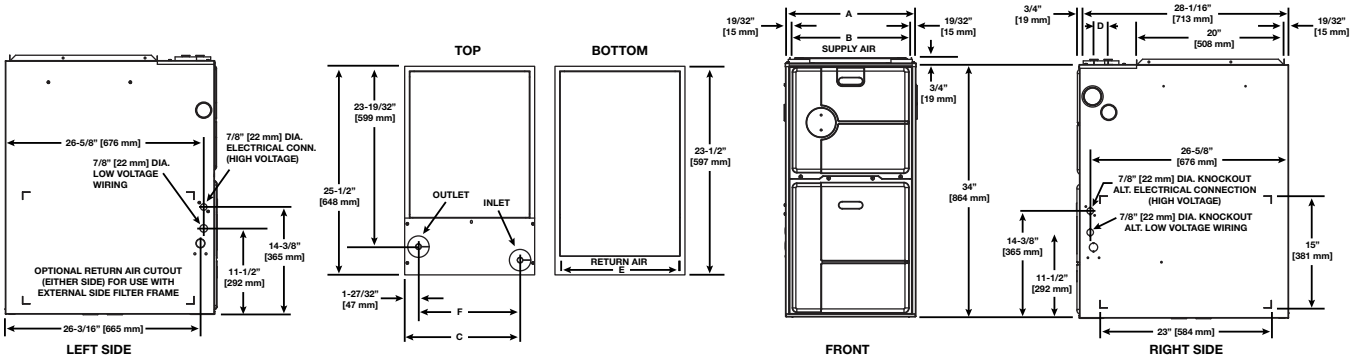
MODEL NUMBERS	RHWB-04WMP36A	RHWB-06WMP48A	RHWB-08WRP60A	RHWB-10WRP60A
Nominal Heating Capacity BTU/hr [W]	40000	60000	80000	100000
Air Side Temperature Rise* °F [°C]	45-75 [25-41.7]	40-70 [22.2-38.9]	35-65 [19.4-36.1]	35-65 [19.4-36.1]
Heating CFM [L/s] @ .8 WC [.19 kPa]	590 [278]	1000 [471]	1453 [685]	1818 [858]
Cooling CFM [L/s] @ .5 WC [.12 kPa]	1235 [582]	1622 [765]	1871 [883]	1973 [931]
Power Supply (V - HZ - PH)	115 - 60 -1			
Minimum Circuit Ampacity - Amps	10	11.4	14	14
Max Rating of Over Current Protective Device - Amps	18	20.5	25.2	25.2
Maximum Fuse or Circuit Breaker Size	15	20	25	25
Motor HP [W]	1/2 [373]	3/4 [559]	3/4 [559]	3/4 [559]
Blower (D x W) in [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]
Blower Motor Type	PSC			
Pump Type	Wet Rotor			
Pump Power Supply (V - HZ - PH)	115 - 60 -1			
Pump Motor RLA/LRA - Amps	1.8			
Pump HP [W]	1/8			
Pump Maximum Working Pressure psi [kPa]	125 [861]			
Min/Max Working Temperature °F [°C]	160 [71]			
Water Connection Type	Copper Studs			
Inlet Water Connection Diameter in [mm]	3/4 [19]			
Out Water Connection Diameter in [mm]	3/4 [19]			
Return Air Filter Size in [mm]	12 x 16 [305 x 406]		16 x 24 [406 x 609]	
Standard High Velocity Filter Size (L X W X H) in [mm]	15 3/4 x 25 x 1 [400 x 635 x 25]		22 3/4 x 25 x 1 [578 x 635 x 25]	
Shipping Weight LBS [kg]	107 [48.5]	118 [53.5]	137 [62.1]	145 [65.7]

[ ] Designates metric conversions.

General Data—Eco Tech™ (ECM) Models U.S. and Canadian Models

MODEL NUMBERS	RHWB-04WMX36A	RHWB-06WMX48A	RHWB-08WRX60A	RHWB-10WRX60A
Nominal Heating Capacity BTU/hr [W]	40000	60000	80000	100000
Air Side Temperature Rise* °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]
Heating CFM [L/s] @ .8 WC [.19 kPa]	578 [272]	1030 [485]	1502 [707]	1847 [870]
Cooling CFM [L/s] @ .5 WC [.12 kPa]	1180 [556]	1300 [612]	1645 [775]	1707 [804]
Power Supply (V - HZ - PH)	115 - 60 -1			
Minimum Circuit Ampacity - Amps	10	12.9	12.9	12.9
Max Rating of Over Current Protective Device - Amps	18	23.2	23.2	23.2
Maximum Fuse or Circuit Breaker Size	15	20	20	20
Motor HP [W]	1/2 [373]	3/4 [559]	3/4 [559]	3/4 [559]
Blower (D x W) in [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]
Blower Motor Type	EcoTech / ECM Type			
Pump Type	Wet Rotor			
Pump Power Supply (V - HZ - PH)	115 - 60 -1			
Pump Motor RLA/LRA - Amps	1.8			
Pump HP [W]	1/8			
Pump Maximum Working Pressure psi [kPa]	125 [861]			
Min/Max Working Temperature °F [°C]	160 [71]			
Water Connection Type	Copper Studs			
Inlet Water Connection Diameter in [mm]	3/4 [19]			
Out Water Connection Diameter in [mm]	3/4 [19]			
Return Air Filter Size in [mm]	12 x 16 [305 x 406]		16 x 24 [406 x 609]	
Standard High Velocity Filter Size (L X W X H) in [mm]	15 3/4 x 25 x 1 [400 x 635 x 25]		22 3/4 x 25 x 1 [578 x 635 x 25]	
Shipping Weight LBS [kg]	116 [52.6]	126 [57.2]	146 [66.2]	153 [69.3]

Hydronic Air Handler Dimensions and Specifications



Dimensions and Clearance to Combustible Material (inches) [mm]

MODEL RHWB	A	B	C	D	E	F	MINIMUM CLEARANCE				
							LEFT	RIGHT	BACK	TOP	FRONT
04WM	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	3/4 [19] ID	15 [422]	13 25/32 [350]	0	0	0	1 [25]	0*
06WM	17 1/2 [445]	16 11/32 [415]	15 5/8 [397]	3/4 [19] ID	15 [422]	13 25/32 [350]	0	0	0	1 [25]	0*
08WR	24 1/2 [622]	23 11/32 [593]	22 5/8 [575]	3/4 [19] ID	22 [600]	20 25/32 [528]	0	0	0	1 [25]	0*
10WR	24 1/2 [622]	23 11/32 [593]	22 5/8 [575]	3/4 [19] ID	22 [600]	20 25/32 [528]	0	0	0	1 [25]	0*

[ ] Designates metric conversions.

Hydronic Air Handler Airflow Performance—PSC 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 Airflow Performance—Eco Tech™ (ECM) 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-04WMX36A	11 x 7 [279 x 178] / 1/2 [373]	Low	960 [453]	891[420]	836 [394]	781 [368]	731 [344]	682 [322]	630 [297]	578 [273]	540 [255]	460 [217]
		M-Lo	1178 [555]	1118[527]	1068 [504]	1017 [479]	973 [459]	922 [435]	877 [414]	833 [393]	781 [369]	730 [345]
		M-Hi	1323 [624]	1269[598]	1222 [576]	1180 [556]	1130 [533]	1089 [514]	1051 [496]	1006 [475]	958 [452]	914 [431]
		High	1481 [698]	1431[675]	1381 [651]	1333 [629]	1291 [609]	1250 [590]	1209 [571]	1168 [551]	1122 [530]	1085 [512]
RHWB-06WMX48A	11 x 7 [279 x 178] / 3/4 [559]	Low	1092 [515]	1037[489]	992 [468]	938 [442]	896 [422]	849 [401]	790 [373]	739 [349]	689 [325]	633 [299]
		M-Lo	1360 [641]	1308[617]	1264 [596]	1222 [576]	1174 [554]	1138 [537]	1095 [517]	1027 [485]	988 [466]	945 [446]
		M-Hi	1462 [689]	1424[672]	1378 [650]	1340 [632]	1300 [614]	1263 [596]	1223 [577]	1185 [559]	1147 [541]	1111 [524]
		High	1779 [839]	1743[822]	1716 [809]	1674 [790]	1698 [801]	1662 [784]	1624 [776]	1588 [749]	1525 [720]	1427 [673]
RHWB-08WRX60A	11 x 10 [279 x 254] / 3/4 [559]	Low	1533 [723]	1475[696]	1412 [666]	1357 [640]	1287 [607]	1239 [585]	1185 [559]	1129 [533]	1069 [505]	1002 [473]
		M-Lo	1658 [782]	1604[757]	1551 [731]	1500 [707]	1438 [679]	1392 [657]	1336 [631]	1277 [603]	1231 [581]	1174 [554]
		M-Hi	1842 [869]	1782[841]	1747 [824]	1701 [802]	1645 [776]	1601 [756]	1547 [730]	1502 [709]	1456 [687]	1401 [661]
		High	2131 [1005]	2074[978]	2030 [958]	1969 [929]	1929 [910]	1885 [890]	1833 [865]	1786 [843]	1744 [823]	1688 [797]
RHWB-10WRX60A	11 x 10 [279 x 254] / 3/4 [559]	Low	1598 [754]	1533[723]	1471 [694]	1401 [661]	1344 [634]	1286 [607]	1221 [576]	1162 [548]	1099 [519]	1020 [481]
		M-Lo	1731 [816]	1674[790]	1605 [757]	1546 [729]	1488 [702]	1435 [607]	1377 [650]	1320 [623]	1264 [597]	1206 [569]
		M-Hi	1943 [916]	1877[885]	1822 [859]	1762 [831]	1707 [806]	1651 [779]	1609 [759]	1552 [732]	1498 [707]	1446 [682]
		High	2197 [1036]	2151[1015]	2095 [988]	2047 [966]	1995 [942]	1949 [920]	1896 [895]	1847 [872]	1800 [850]	1745 [824]

Blower performance measured without filter in place.
[ ] Designates metric conversions.

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 RHWB-04WMX36A	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 RHWB-06WMX48A	RTG-64	High	0.5 [124.5]	1622 [765]	40900 [11.99]	47100 [13.80]	51000 [14.95]	N/A	N/A
	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 RHWB-08WRX60A	RTG-64	Med-High	0.5 [124.5]	1586 [749]	42000 [12.31]	50900 [14.92]	53400 [15.65]	N/A	N/A
	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 RHWB-10WRX60A	RTG-64	Med-High	0.5 [124.5]	1620 [765]	40800 [11.96]	48000 [14.07]	53200 [15.59]	N/A	N/A
	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 LB/HR	WATER FLOW GPM	AIR INLET TEMP (°F) [°C]	AIR OUTLET TEMP (°F) [°C]	AIR CFM [L/s]	CAPACITY (BTU/HR) [kW]	AIR TEMP RISE (°F) [°C]
RHWB-04WMP36A RHWB-04WMX36A	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 RHWB-06WMX48A	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 RHWB-08WRX60A	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 RHWB-10WRX60A	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.

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 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
RHWB-06WGAES	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
RHWB-08WRAJS	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]
RHWB-10WRAJS	22 3/4 x 25 [578 x 635]	15 3/4 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.
[ ] Designates metric conversions.

Plenum Data For "Indoor Cooling" Coils

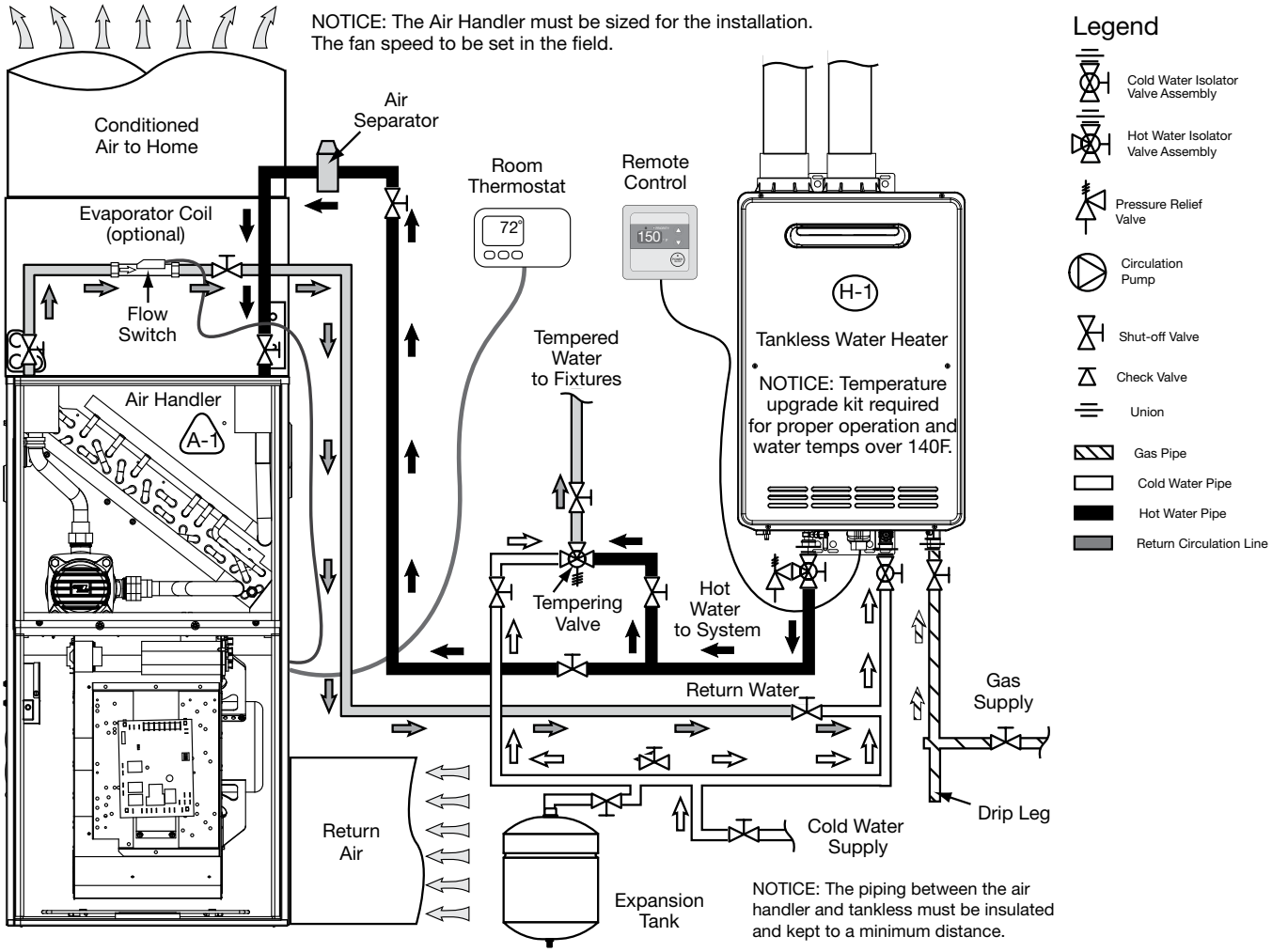
Plenum adapters are required in some instances for use on applications when plenum and hydronic air handler size do not match. See Indoor Coil Specification Sheet for Details.

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

Tankless Water Heater Accessories

Visit RuudTankless.com for a current listing of Ruud Tankless accessories.

Typical Piping Arrangement for Direct Space Heating and Domestic Water Supply with Tankless



General Terms of Limited Warranty*

Ruud 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.

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

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

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

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