The new degree of comfort.™

Hydronic Air Handler Powered by Tankless Technology

RW1P/RW1T- Series

- Nominal Heating Capacities: 40-100 kBTU [11.7-29.3 kW]

Tankless Water Heater Models:

RTG-64DVL indoor direct vent and RTG-64XL 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-84DVL indoor direct vent and RTG-84XL 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

RTGH-84DVL indoor direct vent and RTGH-84XL outdoor
- Natural and LP models – 11,000 - 157,000 BTU max.
- 8.4 gal./min at 35° F rise max., 6.6 gal./min. at 45° F rise

RTGH-90DVL indoor direct vent and RTGH-90XL outdoor
- Natural and LP models – 11,000 - 180,000 BTU max.
- 9.0 gal./min at 35° F rise max., 7.5 gal./min. at 45° F rise

RTG-95DVL indoor direct vent and RTG-95XL 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-95DVL indoor direct vent and RTGH-95XL 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

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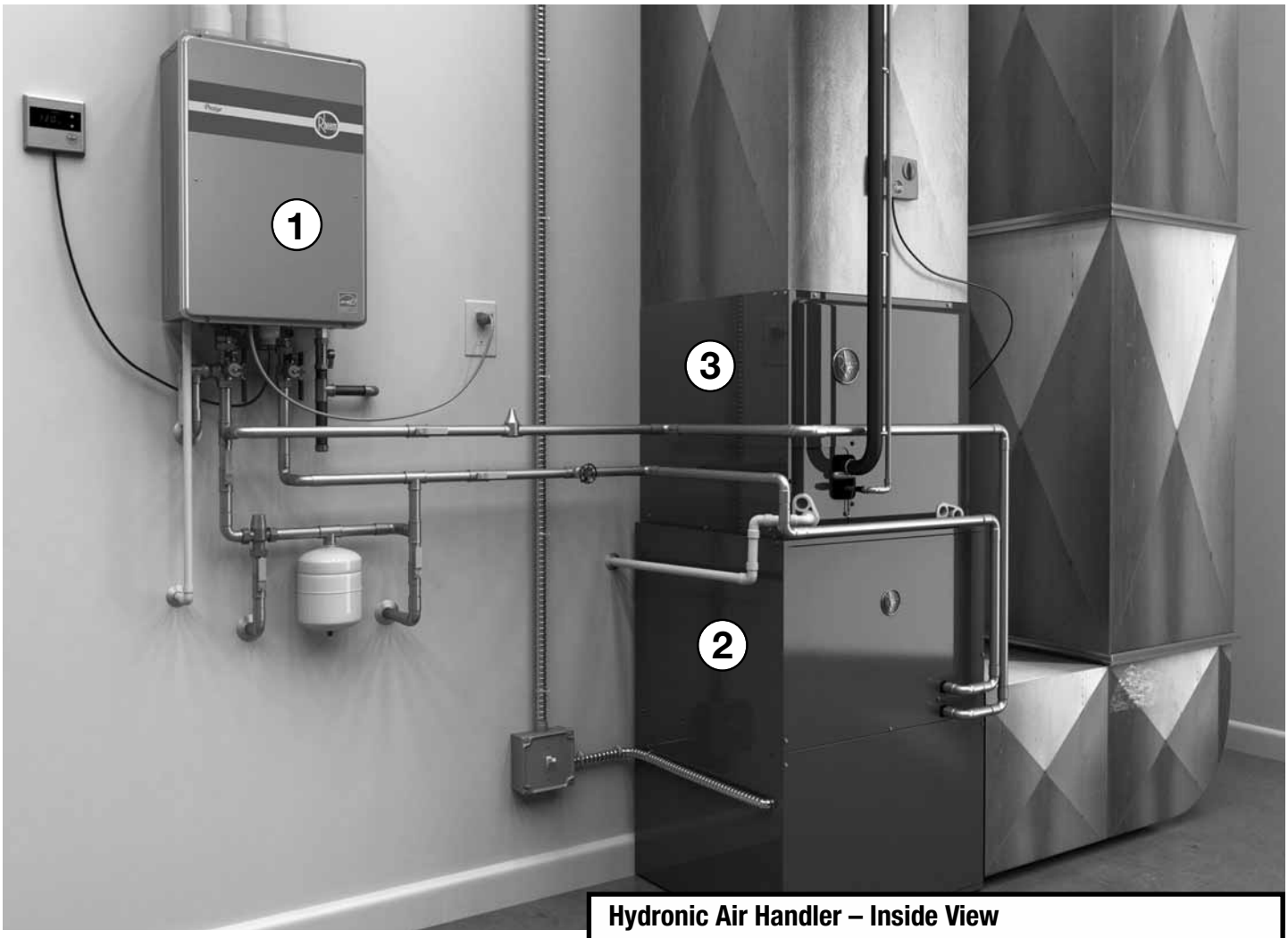
Home Heating & Water Heating Powered by Tankless Technology



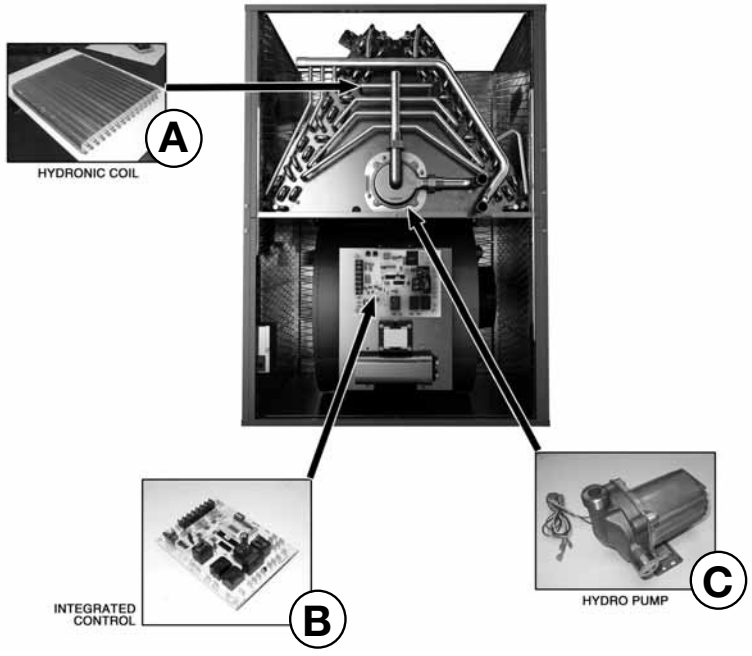
System Components

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



Model Features

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
- Stainless steel water pump
- Field convertible for vertical downflow, horizontal left hand, or right hand air supply.

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

Hydronic Air Handler Model Identification

R	W	1	T	04	A	24	14	N	A	A	*
Brand	**Product Category**	**Stages of Airflow**	**Motor Type**	**Nominal Capacity BTU/HR [kW]**	**Major Series**	**Max Cooling Airflow Tonnage**	**Width**	**Controls**	**Voltage**	**Minor Series****	**Option Code**
R = Rheem	W = Hydronic	1 = Single Stage	P = PSC T = Constant Torque	04 = 40,000 [11.7 kW] 06 = 60,000 [17.6 kW] 08 = 80,000 [23.5 kW] 10 = 100,000 [29.0 kW]	A = First	24 = Up to 2 Ton 36 = Up to 3 Ton 48 = 2.5 to 4 Ton 60 = 3 to 5 Ton	14 = 14" 17 = 17.5" 21 = 21" 24 = 24.5"	C-Communicating N-Non-comm	A - 1ph, 115/60	A = 1st Design	*TBD

[ ] Designates Metric Conversions

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

General Data Eco Tech™ (ECM) Models

U.S. and Canadian Models

Hydronic Air Handler Electrical Physical Specifications - EcoTech Models				
MODEL NUMBERS	**RW1P04A2414NAA**	**RW1P06A3617NAA**	**RW1P08A4821NAA**	**RW1P10A6024NAA**
Nominal Heating Capacity BTU/hr [kw]	40000 [11.7]	60000 [17.6]	80000 [23.4]	100000 [29.3]
Air Side Temperature Rise* °F [°C]	32-53 [17.6-29.2]	24-43 [13.2-23.7]	25-49 [13.8-27.0]	25-46 [13.8-25.3]
Rated Heating CFM [L/s]	800 [378]	1200 [566]	1625 [767]	1800 [850]
Cooling Range CFM [L/s]	600-800 [283-556]	800-1200 [283-612]	900-1625 [424-641]	1050-1850 [472-873]
Power Supply (V - HZ - PH)	115 - 60 -1			
Minimum Circuit Ampacity - Amps	5	10	10	11
Max Rating of Over Current Protective Device - Amps	15	15	15	15
Maximum Fuse or Circuit Breaker Size - Amps	15	15	15	15
Motor HP [W]	1/5 [93]	1/2 [373]	1/2 [373]	3/4 [559]
Blower (D x W) in [mm]	10 x 6 [254 x 152]	10 x 8 [254 x 203]	10 x 10 [254 x 254]	11 x 11 [279 x 279]
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 [.86]			
Pump Maximum Working Pressure psi [kPa]	125 [861]			
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]			
Shipping Weight LBS [kg]	91 [41]	100 [45]	122 [55]	129 [58]

Hydronic Air Handler Electrical Physical Specifications - EcoTech Models				
MODEL NUMBERS	**RW1T04A2414NAA**	**RW1T06A3617NAA**	**RW1T08A4821NAA**	**RW1T10A6024NAA**
Nominal Heating Capacity BTU/hr [kw]	40000 [11.7]	60000 [17.6]	80000 [23.4]	100000 [29.3]
Air Side Temperature Rise* °F [°C]	32-53 [0-11.6]	24-43 [-4.4-6.1]	25-49 [-3.9-9.4]	25-46 [-3.9-7.8]
Rated Heating CFM [L/s]	800 [378]	1200 [566]	1625 [767]	1800 [850]
Cooling Range CFM [L/s]	600-800 [283-556]	800-1200 [283-612]	1000-1625 [472-775]	1200-1800 [612-804]
Power Supply (V - HZ - PH)	115 - 60 -1			
Minimum Circuit Ampacity - Amps	8	10	12.9	12.9
Max Rating of Over Current Protective Device - Amps	11.7	18	23.2	23.2
Maximum Fuse or Circuit Breaker Size - Amps	10	15	20	20
Motor HP [W]	1/3 [248]	1/2 [373]	3/4 [559]	3/4 [559]
Blower (D x W) in [mm]	10 x 6 [254 x 152]	10 x 8 [254 x 203]	10 x 10 [254 x 254]	11 x 11 [279 x 279]
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 [.86]			
Pump Maximum Working Pressure psi [kPa]	125 [861]			
Max Working Temperature °F [°C]	160 [71]			
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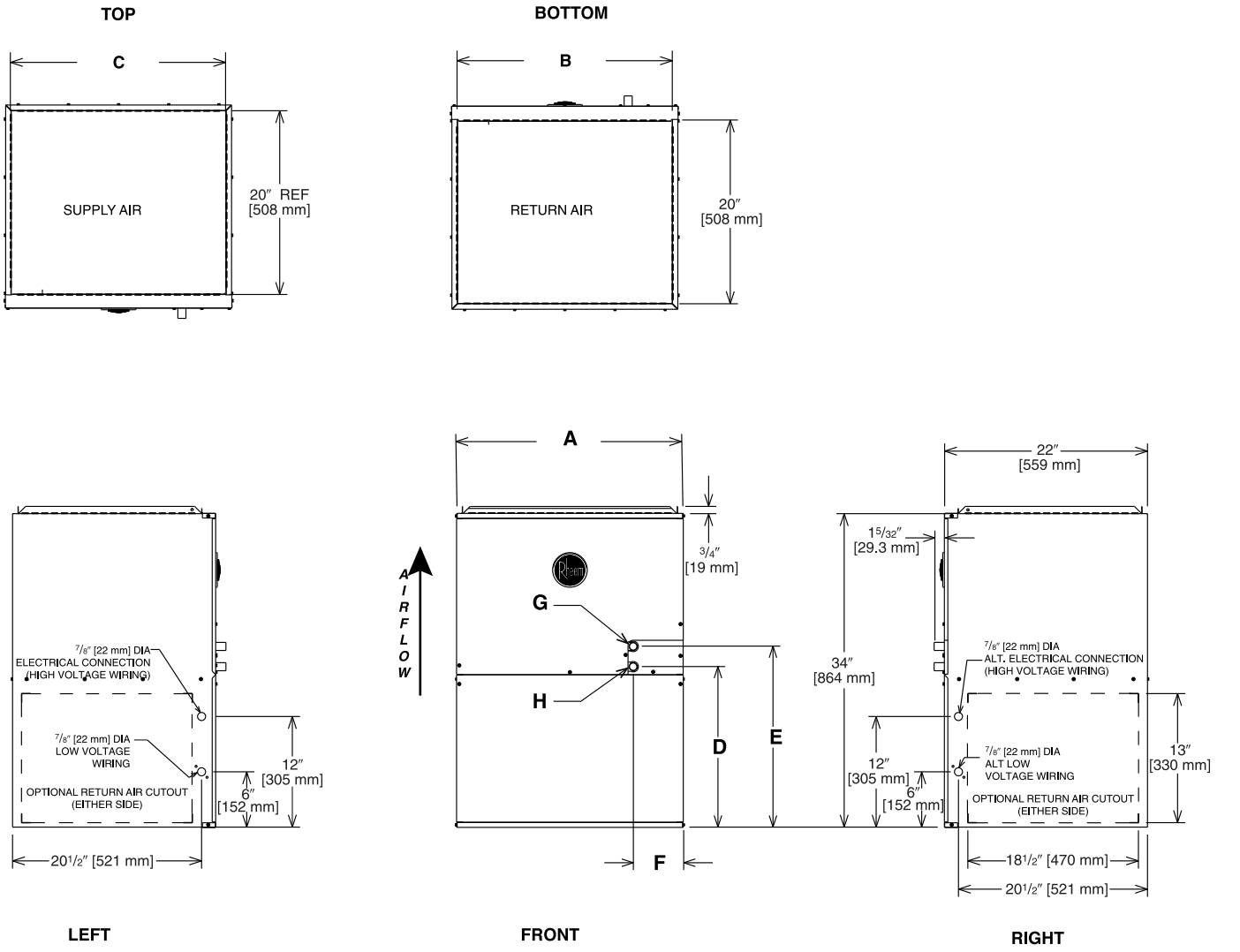
Shipping Weight LBS [kg]	91 [41]	100 [45]	122 [55]	129 [58]

[ ] Designates Metric Conversions

Hydronic Air Handler Dimensions and Specifications



ST-A1242-03-X0

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

MODEL	A	B	C	D	E	F
RW1*04A2414	14 [356]	13 [330]	13 [330]	16-13/16 [427]	19 [483]	3-3/8 [86]
RW1*06A3617	17-1/2 [445]	16-1/2 [419]	16-1/2 [419]	16-13/16 [427]	19 [483]	4/5/8 [117]
RW1*08A4821	21 [533]	20 [508]	20 [508]	16-13/16 [427]	19 [483]	4-7/16 [113]
RW1*10A6024	24-1/2 [622]	23-1/2 [597]	23-1/2 [597]	17-7/16 [443]	19-5/8 [498]	5-7/16 [138]

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

[ ] Designates Metric Conversions

Hydronic Air Handler Airflow Performance—PSC Models

HYDRONIC AIR HANDLER AIR FLOW PERFORMANCE — PSC MODELS												
Model	Blower Size in [mm]	Motor HP [Watt]	Blower Speed	CFM [L/s] Air Delivery External Static Pressure Inches Water Column [kPa]								
				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]
RW1P 04A2414NAA	10 x 6 [254 x 152]	1/5 [93]	Low	642 [339]	612 [322]	591 [311]	524 [273]	—	—	—	—	—
			Med-low	711 [377]	684 [362]	655 [346]	624 [329]	578 [303]	526 [274]	—	—	—
			Med-high	890 [477]	853 [456]	821 [438]	786 [419]	744 [396]	694 [368]	633 [334]	549 [287]	—
			High	950 [510]	917 [492]	880 [471]	843 [451]	803 [428]	752 [400]	689 [365]	690 [366]	604 [318]
RW1P 06A3617NAA	10 x 8 [254 x 203]	1/2 [373]	Low	900 [482]	882 [472]	865 [463]	843 [451]	806 [430]	759 [404]	687 [364]	617 [325]	—
			Med-low	1135 [613]	1101 [594]	1073 [578]	1050 [566]	1012 [544]	960 [516]	889 [476]	801 [427]	700 [371]
			Med-high	1260 [682]	1231 [666]	1199 [648]	1154 [623]	1113 [601]	1060 [571]	978 [526]	895 [479]	767 [408]
			High	1397 [758]	1363 [739]	1314 [712]	1268 [687]	1209 [654]	1148 [620]	1077 [581]	980 [527]	829 [443]
RW1P 08A4821NAA	10 x 10 [254 x 254]	1/2 [373]	Low	947 [508]	943 [506]	940 [504]	926 [497]	897 [481]	857 [458]	784 [418]	711 [377]	—
			Med-low	1200 [649]	1193 [645]	1183 [639]	1163 [628]	1137 [614]	1084 [584]	1025 [552]	917 [492]	769 [409]
			Med-high	1493 [812]	1481 [805]	1452 [789]	1411 [766]	1365 [741]	1220 [660]	1124 [607]	957 [514]	—
			High	1865 [1018]	1810 [988]	1737 [947]	1671 [911]	1608 [876]	1533 [834]	1457 [792]	1292 [700]	1135 [613]
RW1P 10A6024NAA	11 x 11 [279 x 279]	3/4 [559]	Low	904 [484]	875 [468]	845 [452]	798 [426]	735 [391]	688 [364]	643 [339]	593 [312]	539 [282]
			Med-low	1189 [643]	1165 [629]	1114 [601]	1092 [589]	1057 [569]	1005 [541]	947 [508]	879 [471]	821 [438]
			Med-high	1326 [719]	1304 [707]	1286 [697]	1266 [686]	1244 [673]	1217 [658]	1189 [643]	1140 [616]	1060 [571]
			High	1970 [1077]	1951 [1066]	1937 [1058]	1926 [1052]	1895 [1035]	1865 [1018]	1759 [959]	1673 [912]	1624 [884]

Blower performance measured without filter in place.

[ ] Designates Metric Conversions

Hydronic Air Handler Airflow Performance—Eco Tech™ (ECM) Models

HYDRONIC AIR HANDLER AIR FLOW PERFORMANCE — ECHO TECH MODELS											
Model	Blower Size in [mm]	Motor HP [Watt]	Blower Speed	CFM [L/s] Air Delivery External Static Pressure Inches Water Column [kPa]								
				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]
RW1T 04A2414NAA	10 x 6 [254 x 152]	1/3 [248]	Low	686 [324]	634 [299]	582 [275]	530 [250]	—	—	—	—	—
			Med-low	723 [341]	688 [325]	617 [291]	567 [268]	512 [242]	459 [217]	—	—	—
			Med	748 [353]	697 [329]	648 [306]	597 [282]	548 [259]	491 [232]	445 [210]	—	—
			Med-high	922 [435]	885 [418]	849 [401]	811 [383]	775 [366]	733 [346]	695 [328]	644 [304]	645 [304]
			High	940 [444]	917 [433]	875 [413]	838 [395]	799 [377]	760 [359]	716 [338]	673 [318]	628 [296]
RW1T 06A3617NAA	10 x 8 [254 x 203]	1/2 [373]	Low	646 [305]	582 [275]	517 [244]	436 [206]	—	—	—	—	—
			Med-low	984 [464]	937 [442]	894 [422]	846 [399]	798 [377]	757 [357]	710 [335]	—	—
			Med	1037 [489]	995 [470]	953 [450]	910 [429]	868 [410]	821 [387]	781 [369]	737 [348]	—
			Med-high	1161 [548]	1020 [481]	1078 [509]	1040 [491]	999 [471]	963 [454]	920 [434]	873 [412]	753 [355]
			High	1397 [659]	1354 [639]	1321 [623]	1279 [604]	1238 [584]	1193 [563]	1157 [546]	1068 [504]	956 [451]
RW1T 08A4821NAA	10 x 10 [254 x 254]	3/4 [559]	Low	815 [385]	765 [361]	715 [337]	665 [314]	614 [290]	558 [263]	514 [243]	—	—
			Med-low	1284 [606]	1233 [582]	1178 [556]	1129 [533]	1070 [505]	999 [471]	927 [437]	876 [413]	823 [388]
			Med	1419 [670]	1373 [648]	1323 [624]	1282 [605]	1228 [580]	1180 [557]	1129 [533]	1054 [497]	981 [463]
			Med-high	1485 [701]	1452 [685]	1418 [669]	1386 [654]	1346 [635]	1313 [620]	1272 [600]	1222 [577]	1195 [564]
			High	1745 [824]	1722 [813]	1692 [799]	1664 [785]	1630 [769]	1599 [755]	1566 [739]	1504 [710]	1356 [640]
RW1T 10A6024NAA	11 x 11 [279 x 279]	3/4 [559]	Low	1044 [493]	953 [450]	867 [409]	767 [362]	667 [315]	579 [273]	501 [236]	—	—
			Med-low	1010 [477]	970 [458]	936 [442]	902 [426]	867 [409]	832 [393]	798 [377]	766 [362]	725 [342]
			Med	1247 [589]	1183 [558]	1121 [529]	1064 [502]	999 [471]	933 [440]	864 [408]	797 [376]	735 [347]
			Med-high	1834 [866]	1768 [834]	1697 [801]	1639 [774]	1585 [748]	1539 [726]	1478 [698]	1427 [673]	1370 [647]
			High	2008 [948]	1956 [923]	1905 [899]	1844 [870]	1802 [850]	1750 [826]	1698 [801]	1655 [781]	1604 [757]

Blower performance measured without filter in place.

[ ] Designates Metric Conversions

Hydronic Air Handler with Tankless Water Heater Performance

AIR HANDLER MODEL	WATER TEMPERATURE			WATER FLOW RATE	BLOWER SPEED	EXTERNAL STATIC PRESSURE	AIR FLOW	AIR TEMPERATURE			HEAT CAPACITY
	INLET	OUTLET	DELTA	(GPM)		(IN. W.C.)	(CFM) [L/s]	INLET	OUTLET	DELTA	(BTU/HR) [kW]
	(°F) [°C]							(°F) [°C]			
RW1*04A	120 [49]	109 [43]	11 [6]	5.0	High	0.54	800 [378]	68 [20]	102 [39]	31 [29]	26914 [8]
	130 [54]	116 [47]	14 [7]	4.6					108 [42.1]	36 [26]	31488 [9]
	140 [60]	122 [50]	18 [10]	4.0					113 [44.7]	41 [23]	35628 [10]
	150 [66]	129 [54]	21 [12]	3.8					119 [48.3]	47 [20]	40593 [12]
	160 [71]	132 [56]	28 [15]	3.3					120 [48.9]	53 [19]	45454 [13]
RW1*06A	120 [49]	96 [36]	24 [13]	4.0	High	0.59	1200 [566]	68 [20]	104 [40.2]	36 [28]	47040 [14]
	130 [54]	101 [38]	29 [16]	3.8					110 [43.3]	42 [25]	54300 [16]
	140 [60]	105 [41]	35 [21]	3.3					112 [44.7]	44 [23]	57598 [17]
	150 [66]	115 [46]	35 [20]	3.4					114 [45.4]	46 [23]	59348 [17]
	160 [71]	121 [49]	39 [22]	3.3					118 [47.6]	50 [20]	64398 [19]
RW1*08A	120 [49]	100 [38]	10 [11]	4.8	High	0.5	1625 [767]	68 [20]	95 [35.1]	27 [33]	47766 [14]
	130 [54]	103 [39]	27 [15]	4.2					100 [37.6]	32 [30]	55703 [16]
	140 [60]	105 [41]	35 [21]	3.6					104 [39.7]	36 [28]	62341 [18]
	150 [66]	108 [42]	42 [24]	3.5					110 [43.5]	42 [25]	74147 [22]
	160 [71]	106 [41]	54 [30]	3.0					114 [45.6]	46 [22]	80997 [24]
RW1*10A	120 [49]	93 [34]	27 [15]	4.6	High	0.5	1800 [850]	68 [20]	100 [37.8]	32 [30]	62308 [18]
	130 [54]	98 [37]	32 [17]	4.2					103 [39.3]	35 [29]	67635 [20]
	140 [60]	101 [38]	39 [22]	3.6					104 [40]	36 [28]	69936 [20]
	150 [66]	103 [40]	47 [26]	3.6					111 [44]	43 [24]	84130 [25]
	160 [71]	101 [38]	59 [33]	3.3					118[47.9]	50 [20]	97514 [29]

CFM = Cubic Feet Per Minute
ESP = External Static Pressure
*Recommended Operating Point
Inlet Air at 68°F [20°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]

[ ] Designates Metric Conversions

Rheem Prestige™ RTGH is a series of high-efficiency condensing tankless gas water heaters designed for continuous hot water

Efficiency
- Up to .94 EF with stainless steel condensing heat exchanger
- Intelligent electronic controls designed to increase energy efficiency and safety
- Third party efficiency listed by AHRI

Performance
- Industry First! 0.26 GPM minimum flow rate, 0.40 GPM minimum activation flow rate
- SCAQMD rule 1146.2 compliant
- RTGH-95 for 3 bathroom homes*– 9.5 gal./min. at 35°F rise max., 8.4 gal./min. at 45°F rise
- RTGH-90 for 2-3 bathroom homes*– 9.0 gal./min. at 35°F rise max., 7.5 gal./min. at 45°F rise
- RTGH-84 for 2-3 bathroom homes*– 8.4 gal./min. at 35°F rise max., 6.6 gal./min. at 45°F rise

Compact Size
- Compact space-saving design – about the size of a medicine cabinet

Self-Diagnostic System
- Self-diagnostic system for easy installation and service.
- Digital display shows temperature setting and maintenance codes

Technology
- Two-pipe direct vent system designed for PVC pipe (up to 38 ft. of 3" PVC pipe or 5 ft. of 2" PVC pipe). See instructions for details
- Hot-start programming helps minimize fluctuation in water temperature, referred to as “cold water sandwich effect,” during periods of frequent on/off operation
- Built-in electric blower
- Exclusive! Guardian OFW™ overheat film wrap
- EZ-Link™ cable available for higher demand applications to connect two tankless units to operate as one
- Manifold up to six units with an optional MIC-6 manifold control board
- Manifold up to 20 units with the optional MIC-185 plus the MICS-180 manifold control assembly

High-Altitude Compliant
- High-altitude capability – up to 9,840 ft. elevation above sea level

Plus…
- Digital remote control and 10 ft. of thermostat wire included
- Supplied with a 120-volt power cord (indoor models only)
- Freeze protection to -30°F
- Required manual gas isolation valve included
- EZ- Spec™ Sizing Software – advanced online tool that takes the guess work out of sizing tankless applications – available at www.rheem.com/tankless

Warranty
- 12-Year heat exchanger – residential, 5-year heat exchanger – commercial, 5-year parts and 1-year labor

  See Warranty Certificate for complete information

Commercial Applications
The RTGH Condensing Tankless Series can be upgraded for high-temperature commercial use.
- Temperature range is 85°F to 185°F

RTGH-95 Upgrade Kits
RTG20240A for RTGH-95DVLN
RTG20240B for RTGH-95DVLP
RTG20240C for RTGH-95XLN
RTG20240D for RTGH-95XLP

RTGH-90 Upgrade Kits
RTG20244A for RTGH-90DVLN
RTG20244B for RTGH-90DVLP
RTG20244C for RTGH-90XLN
RTG20244D for RTGH-90XLP

RTGH-84 Upgrade Kits
RTG20241A for RTGH-84DVLN
RTG20241B for RTGH-84DVLP
RTG20241C for RTGH-84XLN
RTG20241D for RTGH-84XLP

Note: These upgrade kits are not compatible with previous models. See the Tankless Parts and Accessories Catalog for a complete listing.

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

RTGH-DVL
Indoor Direct Vent Model
11,000-199,900 Btu/h
Natural and LP Gas

RTGH-XL
Outdoor Model
11,000-199,900 Btu/h
Natural and LP Gas

LEED Points = 2

Rheem Prestige™ Specifications

DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/H	TYPE	TEMP. RANGE	MIN. FLOW/ ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION WATER	CONNECTION GAS	HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	RECOVERY EFFICIENCY	EST. YEARLY ENERGY COST NAT/LP
Rheem *Prestige*™ RTGH-95 for 3 Bathroom Homes																	
RTGH-95DVLN	11,000-199,900	Indoor Direct Vent	85° to 140° F	0.26/0.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.94	94%	$174/421
RTGH-95XLN	11,000-199,900	Outdoor	85° to 140° F	0.26/0.40	4.9	8.4	9.5	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.94	94%	$174/421
Rheem *Prestige*™ RTGH-90 for 2-3 Bathroom Homes																	
RTGH-90DVLN	11,000-180,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	4.4	7.5	9.0	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.93	93%	$176/425
RTGH-90XLN	11,000-180,000	Outdoor	85° to 140° F	0.26/0.40	4.4	7.5	9.0	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.93	93%	$176/425
Rheem *Prestige*™ RTGH-84 for 2-3 Bathroom Homes																	
RTGH-84DVLN	11,000-157,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	2" or 3" PVC 2-Pipe	82	.92	92%	$178/430
RTGH-84XLN	11,000-157,000	Outdoor	85° to 140° F	0.26/0.40	3.9	6.6	8.4	3/4	3/4	27-1/2	18-1/2	9-3/4	N/A	82	.92	92%	$178/430

Estimated energy cost based on a national average fuel cost of $1.09/therm for natural gas and $2.41/gallon for LP. Energy factor determined by the U.S. Department of Energy (DOE) test procedures.

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

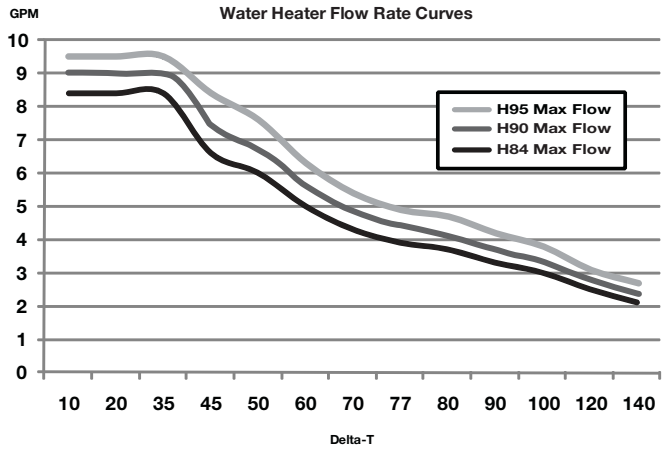
- SCAQMD 1146.2 compliant.
- Factory set maximum temperature is 120° F. See Use and Care Manual for setting.
- Consult factory for information on sizing the application.
- Add a "C" to the model number when ordering Canadian models. Outdoor models are only for seasonal use in Canada. Please contact Rheem Canada Ltd. for details.

Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 Btu/h for RTGH-95 models, up to 180,000 Btu/h for RTGH-90 models, up to 157,000 Btu/h for RTGH-84 models. (Consult your gas supplier)

	Temperature Rise (° F)								
Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTGH-95 Water Flow (GPM)	9.5	8.4	7.6	6.3	5.4	4.9	4.7	4.2	3.8
RTGH-90 Water Flow (GPM)	9.0	7.5	6.8	5.6	4.8	4.4	4.2	3.8	3.4
RTGH-84 Water Flow (GPM)	8.4	6.6	6.0	5.0	4.3	3.9	3.7	3.3	3.0

Above estimates are for sizing purposes only.

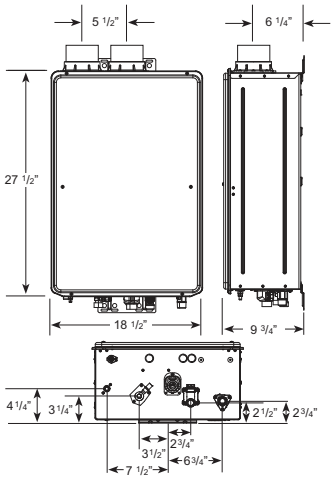


Maximum Vent Length (intake/outlet):

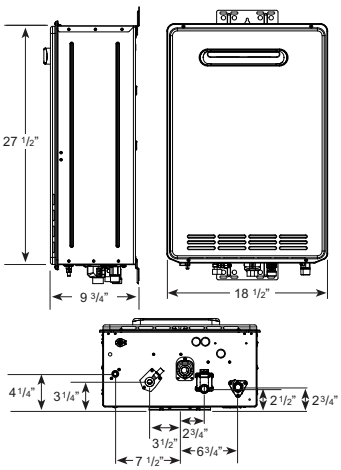
Number of 90° Elbows	Maximum Length of 2" Straight Pipe	Maximum Length of 3" Straight Pipe
0 or 1	5.0 ft. (1.5 m)	38.0 ft. (11.6 m)
2	3.5 ft. (1.0 m)	36.5 ft. (11.1 m)
3	2.0 ft. (0.6 m)	35.0 ft. (10.6 m)
4	Not Available	33.5 ft. (10.2 m)
5	Not Available	32.0 ft. (9.8 m)
6	Not Available	30.5 ft. (9.3 m)

(ULC-S636 pipe must be used for Canada.)

Indoor Direct Vent



Outdoor



Parts and Accessories

Venting & terminations – 2" or 3" PVC, recess boxes, pipe covers, extra remote controls, EZ-Link™ cable, manifolds and cables, service valve kits, service parts and flush kits.

For more information on Tankless parts and accessories, see the Parts and Accessories Catalog or call 866-720-2076.

Rheem RTG is a series of ultra low NOx, mid-efficiency tankless gas water heaters designed for continuous hot water

Efficiency

- .82 EF with all-copper heat exchanger
- Intelligent electronic controls designed to increase energy efficiency and safety
- Third party efficiency listed by AHRI

Performance

- Industry First! 0.26 GPM minimum flow rate, 0.40 GPM minimum activation flow rate
- RTG-95 for 3 bathroom homes*– 9.5 gal./min. at 35°F rise max., 7.4 gal./min. at 45°F rise
- RTG-84 for 2-3 bathroom homes*– 8.4 gal./min. at 35°F rise max., 6.7 gal./min. at 45°F rise
- RTG-64 for 1-2 bathroom homes*– 6.4 gal./min. at 35°F rise max., 5.6 gal./min. at 45°F rise

Self-Diagnostic System

- Self-diagnostic system for easy installation and service
- Digital display shows temperature setting and maintenance codes

Technology

- 3"/5" concentric vent system with Integrated condensate collector
- Hot-start programming helps minimize fluctuation in water temperature, referred to as “cold water sandwich”, during periods of frequent on/off operation
- Connects to Metal Fab. Inc., 3"/5" concentric venting without an adapter
- Built-in electric blower
- Exclusive! Guardian OFW™ overheat film wrap
- EZ-Link™ cable available for higher demand applications to connect two tankless units to operate as one
- Manifold up to six units with an optional MIC-6 manifold control board
- Manifold up to 20 units with the optional MIC-185 plus the MICS-180 manifold control assembly

Low Emissions

- Environmentally friendly ultra low NOx burner meets SCAQMD rule 1146.2 requirements

High Altitude Compliant

- High-altitude capability – up to 9,840 ft. elevation above sea level

Plus…

- Digital remote control and 10 ft. of thermostat wire included
- Supplied with a 120-volt power cord (indoor models only)
- Freeze protection to -30°F
- Required manual gas isolation valve included
- EZ- Spec™ Sizing Software – advanced online tool that takes the guess work out of sizing tankless applications – available at www.rheem.com/tankless

Warranty

- 12-Year heat exchanger – residential, 5-year heat exchanger – commercial, 5-year parts and 1-year labor

  See Warranty Certificate for complete information

Commercial Applications

The RTG Tankless Series can be upgraded for high-temperature commercial and hydronic use.

- Temperature range is 85°F to 185°F

RTG-95 Upgrade Kits

RTG20236A for RTG-95DVLN
RTG20236B for RTG-95DVLP
RTG20236C for RTG-95XLN
RTG20236D for RTG-95XLP

RTG-84 Upgrade Kits

RTG20237A for RTG-84DVLN
RTG20237B for RTG-84DVLP
RTG20237C for RTG-84XLN
RTG20237D for RTG-84XLP

Note: These upgrade kits are not compatible with previous models. See the latest Tankless Parts and Accessories Catalog for a complete listing.

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

RTG-DVL
Indoor Direct Vent Model
11,000-199,900 Btu/h
Natural and LP Gas

RTG-XL
Outdoor Model
11,000-199,900 Btu/h
Natural and LP Gas

LEED Points = 2

Specifications

DESCRIPTION			FEATURES					ROUGHING IN DIMENSIONS (SHOWN IN INCHES)							ENERGY INFO.		
MODEL NUMBER	GAS INPUT BTU/H	TYPE	TEMP. RANGE	MIN. FLOW/ ACTIVATION GPM	GPM @ 77° RISE MAX.	GPM @ 45° RISE MAX.	MAX. GPM	CONNECTION WATER	CONNECTION GAS	HEIGHT	WIDTH	DEPTH	VENT DIAM.	SHIP. WEIGHT (LBS.)	ENERGY FACTOR	RECOVERY EFFICIENCY	D.O.E. ANN. OP. COST NAT/LP
RTG-95 ULTRA LOW NOx SERIES FOR 3 BATHROOM HOMES																	
RTG-95DVLN	11,000-199,900	Indoor Direct Vent	85° to 140° F*	0.26/0.40	4.3	7.4	9.5	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	84%	$199/482
RTG-95XLN	11,000-199,900	Outdoor	85° to 140° F*	0.26/0.40	4.3	7.4	9.5	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	83%	$199/482
RTG-84 ULTRA LOW NOx SERIES FOR 2-3 BATHROOM HOMES																	
RTG-84DVLN	11,000-180,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	3.9	6.7	8.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	84%	$199/482
RTG-84XLN	11,000-180,000	Outdoor	85° to 140° F	0.26/0.40	3.9	6.7	8.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	83%	$199/482
RTG-64 ULTRA LOW NOx SERIES FOR 1-2 BATHROOM HOMES																	
RTG-64DVLN	11,000 - 150,000	Indoor Direct Vent	85° to 140° F	0.26/0.40	3.3	5.6	6.4	3/4	3/4	25-5/8	13-7/8	9-7/8	3 by 5 CONCENTRIC	54	.82	84%	$199/482
RTG-64XLN	11,000 - 150,000	Outdoor	85° to 140° F	0.26/0.40	3.3	5.6	6.4	3/4	3/4	23-5/8	13-7/8	8-7/8	N/A	54	.82	83%	$199/482

Energy Factor and Average Annual Operating Costs based on 2013 D.O.E. (Department of Energy) test procedures. D.O.E. national average fuel rate natural gas $1.09/therm; LP $2.41/gallon.

All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

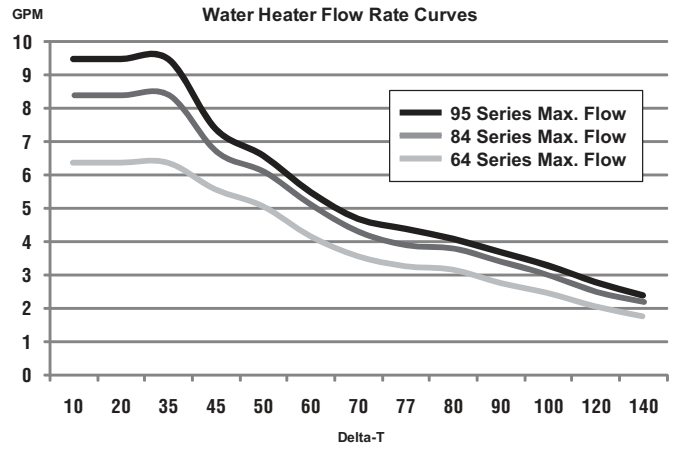
- SCQAMD rule 1146.2 compliant.
- Factory set maximum temperature is 120° F. See Use and Care Manual for setting.
- Consult factory for information on sizing the application.
- Add a "C" to the model number when ordering Canadian models. Outdoor models are only for seasonal use in Canada. Please contact Rheem Canada Ltd. for details.

Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.

Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 Btu/h for RTG-95 models, up to 180,000 Btu/h for RTG-84 models and up to 150,000 Btu/h for RTG-64 models. (Consult your gas supplier)

	Temperature Rise (° F)								
Model Number	35°	45°	50°	60°	70°	77°	80°	90°	100°
RTG-95 Water Flow (GPM)	9.5	7.4	6.6	5.5	4.7	4.3	4.1	3.7	3.3
RTG-84 Water Flow (GPM)	8.4	6.7	6.1	5.1	4.3	3.9	3.8	3.4	3.0
RTG-64 Water Flow (GPM)	6.4	5.6	5.1	4.2	3.6	3.3	3.2	2.8	2.5

Above estimates are for sizing purposes only.

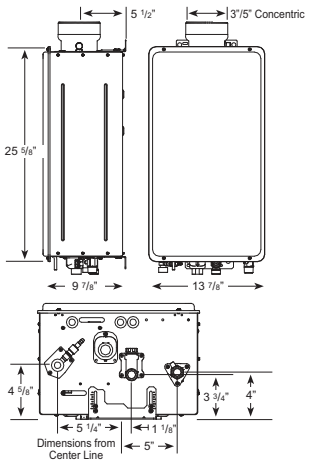


Maximum Vent Length (intake/outlet):

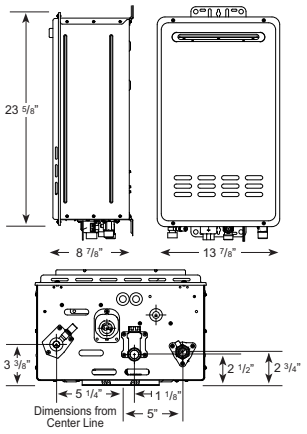
Number of 90° Elbows	Maximum Length of Straight Pipe
1	39.0 ft. (12.0 m)
2	37.5 ft. (11.5 m)
3	36 ft. (11 m)
4	34.5 ft. (10.5 m)
5	33.0 ft. (10.0 m)
6	31.5 ft. (9.5 m)

(Manufacturer approved venting required)

Indoor Direct Vent



Outdoor



Parts and Accessories

Venting & terminations, recess boxes, pipe covers, extra remote controls, EZ-Link™, manifolds and cables, service valve kits, service parts and flush kits

For more information on Tankless parts and accessories, see the Parts and Accessories Catalog or call 866-720-2076.

ACCESSORIES

EXTERNAL BOTTOM FILTER RACK: RXHF-14, 17, 21, 24

EXTERNAL SIDE FILTER RACK: RXHF-H

FILTER RACK FILTER SIZES* INCHES [mm]		
MODEL	**RXHF (BOTTOM)**	**RXHF-H (SIDE)**
RW1*04A (RXHF-14)	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
RW1*06A (RXHF-17)	15 3/4 x 25 [400 x 635]	15 3/4 x 25 [400 x 635]
RW1*08A (RXHF-21)	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]
RW1*10A (RXHF-24)	22 3/4 x 25 [578 x 635]	15 3/4 x 25 [400 x 635]

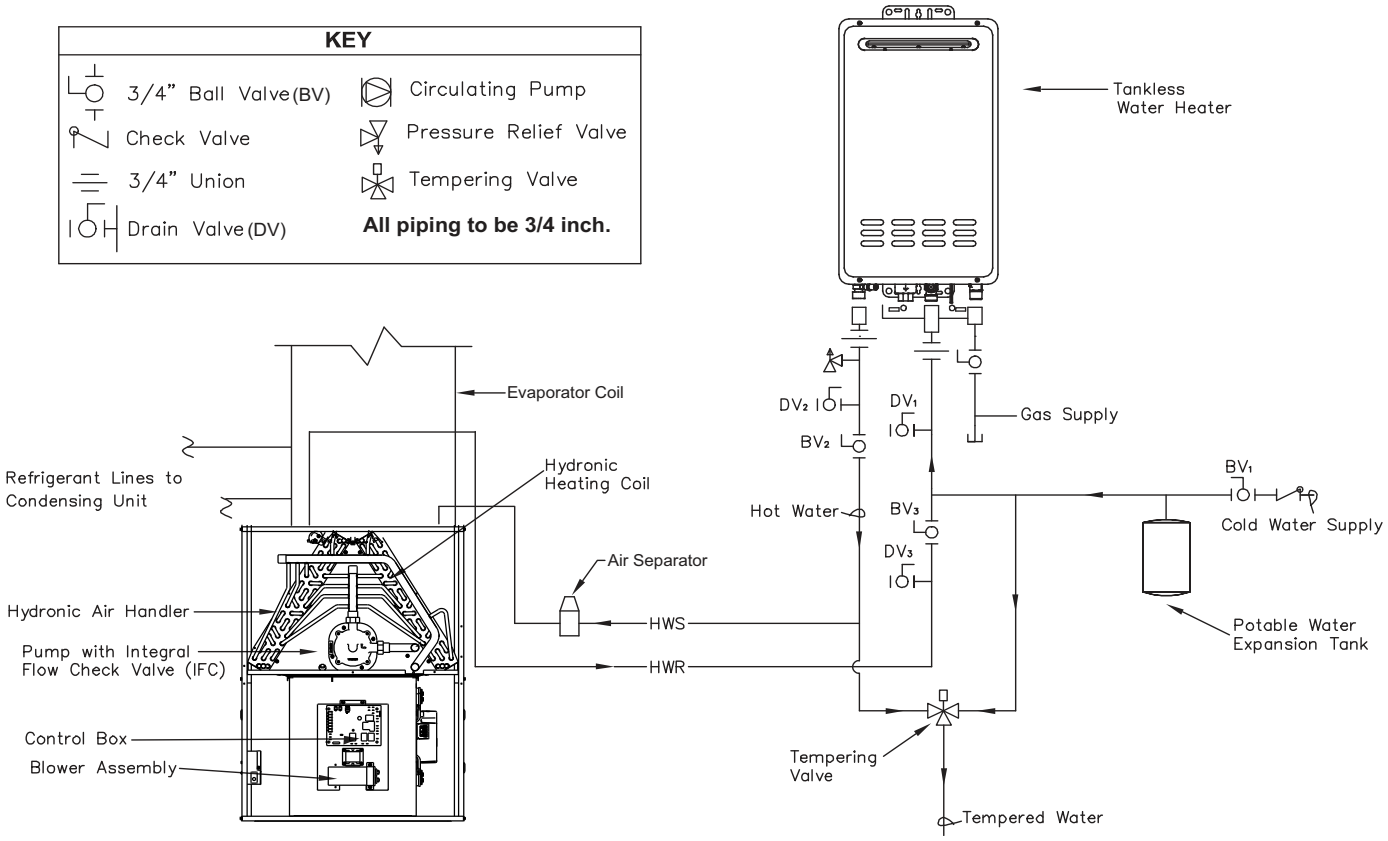
*Filter racks are shipped without filters.
Filters shipped with hydronic air handler may be used or a suitable 1" [25.4 mm] filter.

[ ] Designates Metric Conversions

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

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

The new degree of comfort.™

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

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INTEGRATED HOME COMFORT

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