



Versus™ Line Gas Furnaces



W951W

95% A.F.U.E.†

Heating Stages: Single Stage

Motor Type: Constant CFM

Input Rates: 40 to 115 kBTU [11.7 to 33.7 kW]

Configuration Options: 4-Way Multi-Position



† A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

¹Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR®. Ask your Contractor for details or visit www.energystar.gov.

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Features and Benefits

- **Energy Efficiency:** ENERGY STAR® certified, featuring 95% AFUE across all model sizes
- **Diagnostics:** With the BluArch™ Contractor & Bluetooth®¹ technology makes monitoring, troubleshooting and repairing the product easier than ever before
- **Dip Switch Free Installation Commissioning via Bluetooth® Technology:** Seamless final install step without DIP switch configuration using the BluArch™ Contractor App
- **Ignition System:** Proven Direct Spark Ignition (DSI) for reliability and longevity
- **Water Management System:** WeatherKing-exclusive patented block drain sensor that automatically shuts off the furnace when the drain is blocked, and also alerts the contractor via diagnostic code
- **Constant CFM Motor:** Truly variable speed technology allows for ultimate humidity control, quieter sound levels and year-round energy savings

¹The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by is under license. Other trademarks and trade names are those of their respective owners.

Gas Furnaces

| <u>W</u> | <u>95</u> | <u>1</u> | <u>W</u> | <u>040</u> | <u>3</u> | <u>A</u> | <u>17</u> | <u>M4</u> | <u>S</u> | <u>B</u> | <u>A</u> | <u>S</u> |
|-----------------|--------------------|-------------------|------------------------|--|------------------------------------|-----------------------|--|------------------|--------------|------------------------------|----------------|--------------------|
| Brand | Furnace Efficiency | Stages of Heating | Motor Type | Heating Input | AC Max. Capacity | Major Series | Width | Position | NOx | Controls | Minor Series | Option Code |
| W - WeatherKing | 95 - 95% AFUE | 1 - Single Stage | W - PWM Variable Speed | 040 - 40K BTUH [11.7 kW] 060 - 60K BTUH [22.3 kW] 070 - 70K BTUH [20.5 kW] 085 - 85K BTUH [24.9 kW] 100 - 100K BTUH [29.3 kW] 115 - 115K BTUH [33.7 kW] | 3 - 3 ton drive 5 - 5 ton drive | A - 1st Design Series | 17 - 17.5" Width 21 - 21" Width 24 - 24.5" Width | M4 - Multi-4 Way | S - Standard | B - Communicating Bluetooth® | A - 1st Series | S - Standard Grade |

[] Designates Metric Conversions

| AVAILABLE MODELS |
|--------------------|
| W951W0403A17M4SBAS |
| W951W0603A17M4SBAS |
| W951W0703A17M4SBAS |
| W951W0705A21M4SBAS |
| W951W0855A21M4SBAS |
| W951W1005A21M4SBAS |
| W951W1155A24M4SBAS |

| STANDARD EQUIPMENT |
|--|
| Condensate switch connection ¹ |
| 100% safety lock out |
| 29-4C stainless steel secondary heat exchanger design |
| Adjustable cool fan off delay |
| Aluminized steel primary heat exchanger design |
| Blocked Drain Sensor |
| Blower compartment door safety switch |
| Bluetooth® setup and diagnostics |
| Completely assembled and wired |
| Direct drive motor |
| Electronic on/off blower time control |
| Fully insulated heat exchanger cabinet |
| Humidifier terminal connection |
| Induced draft motor |
| Limit controls |
| Low speed continuous fan option |
| Manual shut-off valve |
| Marked condensate hoses |
| One hour automatic retry |
| Power and self test diagnostics |
| Pressure switch |
| PWM Controlled Variable Speed electrically commutated blower motor |
| Redundant main gas control |
| Single stage heating thermostat connection |
| Two plus stage cooling thermostat connection ² |
| Dehumidification using the Bluetooth® App or Thermostat |

¹With Smart Thermostat only
²When connected to three-speed or modulating AC/HP product

WARNING

THIS FURNACE IS NOT APPROVED
OR RECOMMENDED
FOR USE IN MOBILE HOMES

Physical Data and Specifications

U.S. and Canadian Models

| MODEL NUMBERS | W951W0403 A17M4SBAS | W951W0603 A17M4SBAS | W951W0703 A17M4SBAS | W951W0705 A21M4SBAS | W951W0855 A21M4SBAS | W951W1005 A21M4SBAS | W951W1155 A24M4SBAS |
|--|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| High Fire Input BTU/HR [kW] ① | 42,000 [12.30] | 56,000 [16.41] | 70,000 [20.51] | 70,000 [20.51] | 84,000 [24.61] | 98,000 [28.72] | 112,000 [32.82] |
| Heating Capacity BTU/HR [kW] | 39,900 [11.69] | 53,200 [15.59] | 66,500 [19.49] | 66,500 [19.49] | 79,800 [23.39] | 93,100 [27.28] | 106,400 [31.18] |
| High Altitude Output 10% Derate [kW] ② | 35,910 [10.52] | 47,880 [14.03] | 59,850 [17.54] | 59,850 [17.54] | 71,820 [21.05] | 83,790 [24.56] | 95,760 [28.06] |
| Blower (D x W) [mm] | 11 x 7 [279 x 178] | 11 x 8 [279 x 203] | 11 x 8 [279 x 203] | 11 x 10 [279 x 254] | 11 x 10 [279 x 254] | 11 x 10 [279 x 254] | 11 x 11 [279 x 279] |
| Motor H.P. [W]—Type | 1/2 [373] VS-CT(ECM) | 1/2 [373] VS-CT(ECM) | 1/2 [373] VS-CT(ECM) | 1 [746] VS-CT(ECM) | 1 [746] VS-CT(ECM) | 1 [746] VS-CT(ECM) | 1 [746] VS-CT(ECM) |
| Min. Circuit Ampacity | 10 | 10 | 10 | 17 | 17 | 18 | 17 |
| Min. Overload Protection Device | 15 | 15 | 15 | 20 | 20 | 25 | 20 |
| Max. Overload Protection Device | 15 | 15 | 15 | 25 | 25 | 25 | 25 |
| Motor Full Load Amps | 6.1 | 6.1 | 6.1 | 12.4 | 12.4 | 12.4 | 12.4 |
| Maximum Ext. Static Pressure (In. W.C.) [kPa] | 1.0 [0.25] | 1.0 [0.25] | 1.0 [0.25] | 1.0 [0.25] | 1.0 [0.25] | 1.0 [0.25] | 1.0 [0.25] |
| Heating CFM [L/s] | 990 [468] | 1100 [520] | 1200 [566] | 1375 [649] | 1380 [651] | 1440 [680] | 1650 [779] |
| Max Cooling CFM [L/s] | 1240 [585] | 1240 [585] | 1240 [585] | 1980 [934] | 1980 [934] | 1980 [934] | 1980 [934] |
| Min Cooling CFM [L/s] | 300 [142] | 300 [142] | 300 [142] | 500 [236] | 500 [236] | 500 [236] | 500 [236] |
| Fan CFM [L/s] | 600 [283] | 600 [283] | 600 [283] | 1000 [472] | 1000 [472] | 1000 [472] | 1000 [472] |
| Temperature Rise-High Fire Range In Degrees °F [°C] | 20 - 50 [11 - 28] | 30 - 60 [17 - 33] | 40 - 70 [22 - 39] | 30 - 60 [17 - 33] | 30 - 60 [17 - 33] | 40 - 70 [22 - 39] | 45 - 75 [25 - 42] |
| Approx. Shipping Weight (Lbs.) [kg] | 123 [56] | 128 [58] | 133.5 [61] | 146.5 [66] | 150 [68] | 155 [70] | 190 [86.2] |
| AFUE ③ | 95.00% | 95.00% | 95.00% | 95.00% | 95.00% | 95.00% | 95.00% |

NOTES: All models are 115V, 60HZ, 1 phase Gas connection size for all models is 1/2" [13 mm] N.P.T.

① Installation instructions for high altitude derate.

② Canadian installations only.

③ In accordance with D.O.E. test procedures.

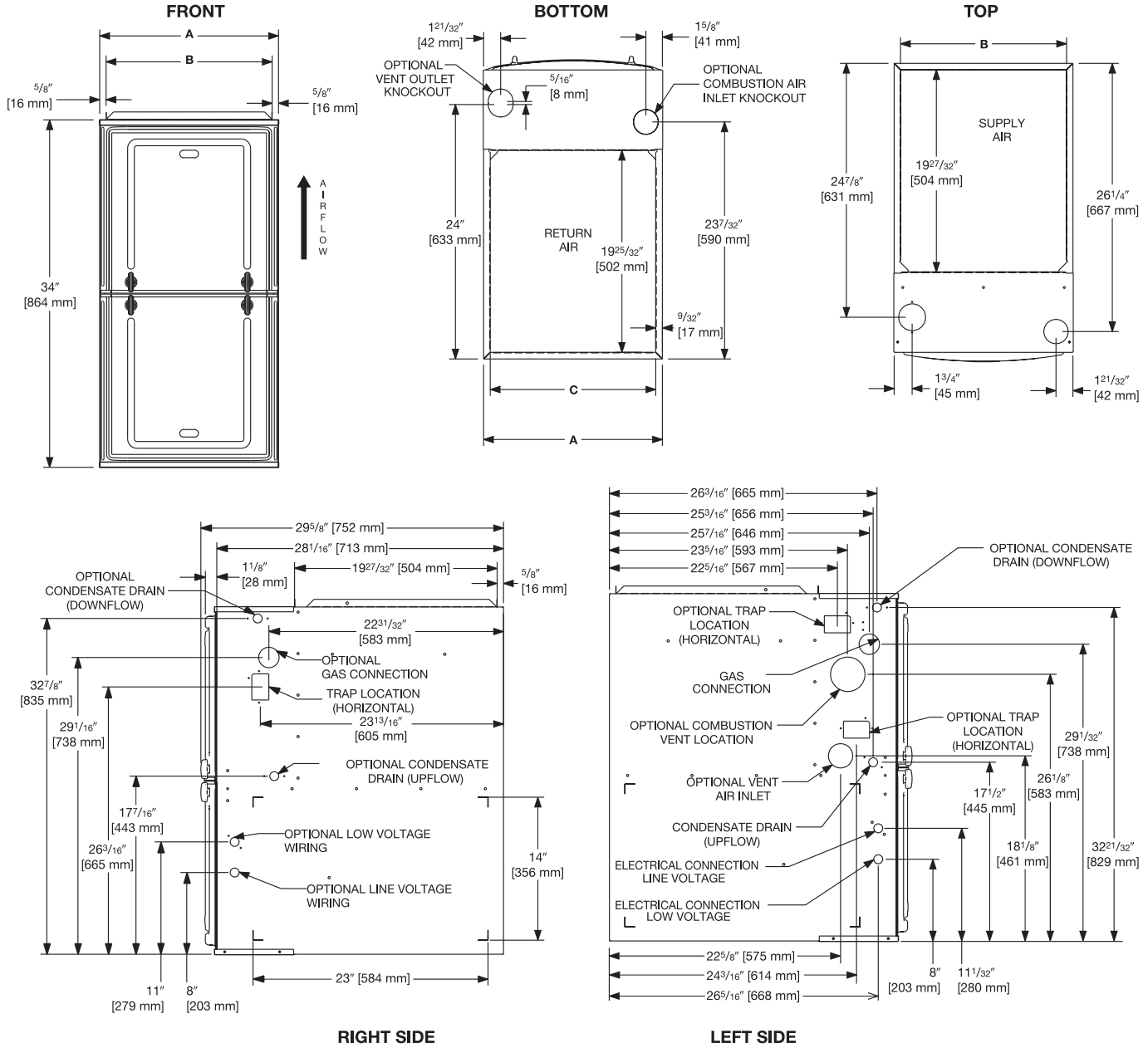
NOTE: Standard model complies with California low NOx requirements up to 40ng/J.

This furnace does not meet air district requirements of 14 ng/J NOx emissions limit, and thus is subject to a mitigation fee of up to \$450.

This furnace is to be installed for propane firing only in air districts requiring 14 ng/J NOx emission limits. Operating in natural gas mode is in violation of these Rules.

[] Designates Metric Conversions

Multi-position Application



Unit Dimensions (Clearance to Combustibles)

| MODEL W951W | LEFT SIDE | MINIMUM CLEARANCE (IN.) [mm] | | | | | FLANGE DIMENSIONS | | |
|----------------|--------------|------------------------------|------|--------|--------|------|-------------------|----------------|----------------|
| | | RIGHT SIDE | BACK | TOP | FRONT | VENT | A | B | C |
| 040 | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 17 1/2 [445] | 16 17/64 [413] | 16 13/64 [412] |
| 060 | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 17 1/2 [445] | 16 17/64 [413] | 16 13/64 [412] |
| 070 | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 17 1/2 [445] | 16 17/64 [413] | 16 13/64 [412] |
| 070 (wide) | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 21 [533] | 19 49/64 [502] | 19 45/64 [500] |
| 085 | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 21 [533] | 19 49/64 [502] | 19 45/64 [500] |
| 100 | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 21 [533] | 19 49/64 [502] | 19 45/64 [500] |
| 115 | 0 | 0 | 0 | 1 [25] | 2 [51] | 0 | 24 1/2 [662] | 23 17/64 [591] | 23 13/64 [589] |

NOTES: ① May require a 3" [76 mm] to 4" [102 mm] or 3" [76 mm] to 5" [127 mm] adapter.

② May be 0" [0 mm] with type B vent.

③ May be 1" [25 mm] with type B vent.

Furnaces must be vented in accordance with the National Fuel Gas Code, ANSI Z223.1 and in accordance with local codes.

[] Designates Metric Conversions

Blower Performance Data

| TARGET GAS HEATING AIRFLOWS | | | | | | | |
|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | W951W0403 A17M4SBAS | W951W0603 A17M4SBAS | W951W0703 A17M4SBAS | W951W0705 A21M4SBAS | W951W0855 A21M4SBAS | W951W1005 A21M4SBAS | W951W1155 A24M4SBAS |
| Furnace Hi Heat CFM A (factory) | 990 [468] | 1100 [520] | 1200 [566] | 1375 [649] | 1380 [651] | 1440 [680] | 1650 [779] |
| Furnace Hi Heat CFM B (side return) | 990 [468] | 1188 [561] | 1296 [612] | 1550 [732] | 1520 [717] | 1691 [798] | 1800 [850] |
| Furnace Hi Heat CFM C (Approx. +7°F) | 891 [421] | 990 [468] | 1080 [510] | 1238 [584] | 1242 [586] | 1296 [612] | 1485 [701] |
| Furnace Hi Heat CFM D (Approx. +12°F) | 822 [388] | 913 [431] | 996 [470] | 1141 [539] | 1146 [541] | 1195 [564] | 1370 [647] |

[] Designates Metric Conversions

Vent Termination Kits:

- RXGY-E02:** Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US Only)
- RXGY-E02A:** Vertical/Horizontal Concentric Vent Termination Kit 2" Pipe (US & Canadian)
- RXGY-E03:** Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US Only)
- RXGY-E03A:** Vertical/Horizontal Concentric Vent Termination Kit 3" Pipe (US & Canadian)
- RXGY-G02:** Direct Vent Furnace Side Wall Vent 2" or 3" (US Only)
- RXGY-D05:** Combustion Air Drain Kit 2"
- RXGY-D06:** Combustion Air Drain Kit 3"
- NEUTRALIZER KIT:** RXGY-A01
(Replacement Cartridge 54-22120-01)
- EXTERNAL BOTTOM FILTER (UPFLOW/HORIZONTAL) RACK:**
RXGF-CB
- EXTERNAL SIDE (UPFLOW) FILTER RACK:** RXGF-CD
- EXTERNAL (DOWNFLOW) FILTER RACK:** RXGF-CC

| FILTER RACK FILTER SIZES* INCHES [mm] | | | |
|---------------------------------------|------------------------------------|-------------------------|------------------------|
| MODEL | RXGF-CB (UPFLOW/ HORIZONTAL) | RXGF-CD (UPFLOW) | RXGF-CC (DOWNFLOW) |
| W951W(-)040 | 15¾ x 25 [400 x 635] | 15¾ x 25 [400 x 635] | 14 x 20 [356 x 508] |
| W951W(-)060 | 15¾ x 25 [400 x 635] | 15¾ x 25 [400 x 635] | 14 x 20 [356 x 508] |
| W951W(-)070 | 15¾ x 25 [400 x 635] | 15¾ x 25 [400 x 635] | 14 x 20 [356 x 508] |
| W951W(-)070 (wide) | 19¼ x 25 [489 x 635] | 15¾ x 25 [400 x 635] | 12 x 20 [305 x 508] |
| W951W(-)085 | 19¼ x 25 [489 x 635] | 15¾ x 25 [400 x 635] | 14 x 20 [356 x 508] |
| W951W(-)100 | 19¼ x 25 [489 x 635] | 15¾ x 25 [400 x 635] | 14 x 20 [356 x 508] |
| W951W(-)115 | 22¾ x 25 [578 x 635] | 15¾ x 25 [400 x 635] | 14 x 20 [356 x 508] |

Indoor Coil Casings

| MODEL NUMBER |
|-----------------|
| RXBC-D17A1 |
| RXBC-D21A1 |
| RXBC-D21B1 |
| RXBC-D24A1 |

For High Altitudes:

- NOTE:** For Canadian installations only, an optional derate (manifold gas pressure reduction) method may be used to adjust the furnace for altitude. See Installation Instructions for more information. This optional method may **NOT** be used for U.S. installations. See installation instructions as appropriate orifice change is required.
- L.P. CONVERSION KIT:** RXGJ-FP38
- CONDENSATE PUMP KIT:** PROSTOCK & 1PCB151TUL
- DOWNFLOW/HORIZONTAL CONVERSION KIT:** RXGY-CK
- DOWNFLOW/HORIZONTAL LEFT ZERO CLEARANCE CONVERSION KIT:** RXGY-ZK
- COMBUSTIBLE FLOOR BASE:** RXGC-B17
RXGC-B21
RXGC-B24

[] Designates Metric Conversions



GENERAL TERMS OF LIMITED WARRANTY*

WeatherKing 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.**

| | |
|--|--------------------|
| Conditional Parts (Registration Required) | Ten (10) Years |
| Heat Exchanger | Fifteen (15) 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.

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