

INSTALLATION INSTRUCTIONS

MODEL RXGY-G02 (SP20285)

DIRECT VENT FURNACE AND TANKLESS – NON-DIRECT VENT FURNACE SIDE WALL VENT KIT

FOR USE WITH MODELS: (-)GRA, (-)GRJ, 90RJ, (-)GTA, (-)GTJ, 90TJ,
(-)GFD, (-)GGD, (-)GRK, (-)GTK, (-)GRS, (-)GTS, (-)GFE, (-)GGE,
(-)GFG, (-)GJF, (-)GRL, (-)GRM, (-)GTM, (-)GTC, (-)GRC, & (-)GRB

KIT CONTENTS:

- Vent Cap
- Vent Plate
- Mounting Hardware

NOTE: Field-supplied pipe and fittings are required to complete the installation.

IMPORTANT:

This manual covers the installation of the RXGY-G02 Direct Vent Furnace and Tankless – Non-Direct Vent Furnace Side Wall Vent Kit. The RXGY-G02 Vent Kit can be used for all above listed furnace models, excluding models featuring alternate terminations and Condensing Tankless water heaters per manufacturer instruction.



⚠ WARNING

THIS VENT KIT MUST BE INSTALLED BY A QUALIFIED SERVICE TECHNICIAN. CODES AND LOCAL UTILITY REQUIREMENTS GOVERNING THE INSTALLATION OF GAS FIRED EQUIPMENT, WIRING, PLUMBING, AND FLUE CONNECTIONS MUST BE ADHERED TO. IN THE ABSENCE OF LOCAL CODES, THE INSTALLATION MUST CONFORM WITH THE NATIONAL FUEL GAS CODE ANSI Z223.1 “LATEST EDITION,” OR CAN/CGA B149 INSTALLATION CODES. THE LATEST CODE MAY BE OBTAINED FROM THE INTERNATIONAL APPROVAL SERVICES, 8501 E. PLEASANT VALLEY RD., CLEVELAND, OHIO 44131, OR 55 SCARSDALE RD., TORONTO, ONTARIO, CANADA, M3B 2R3.

⚠ WARNING

DO NOT OPERATE THE FURNACE OR TANKLESS WATER HEATER WITHOUT THE SIDE WALL CAP IN PLACE AS RECIRCULATION OF COMBUSTION PRODUCTS MAY OCCUR. WATER MAY ALSO COLLECT INSIDE THE COMBUSTION AIR PIPE AND FLOW TO THE BURNER ENCLOSURE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN PRODUCT DAMAGE OR IMPROPER OPERATION, PERSONAL INJURY OR DEATH.

⚠ WARNING

THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT AND OPERATION OF THIS UNIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING INSTALLATION OR OPERATION. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN IMPROPER INSTALLATION, ADJUSTMENT, SERVICE OR MAINTENANCE, POSSIBLY RESULTING IN FIRE, CARBON MONOXIDE POISONING, EXPLOSION, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

**DO NOT DESTROY THIS MANUAL. PLEASE READ CAREFULLY AND KEEP
IN A SAFE PLACE FOR FUTURE REFERENCE BY A SERVICEMAN.**

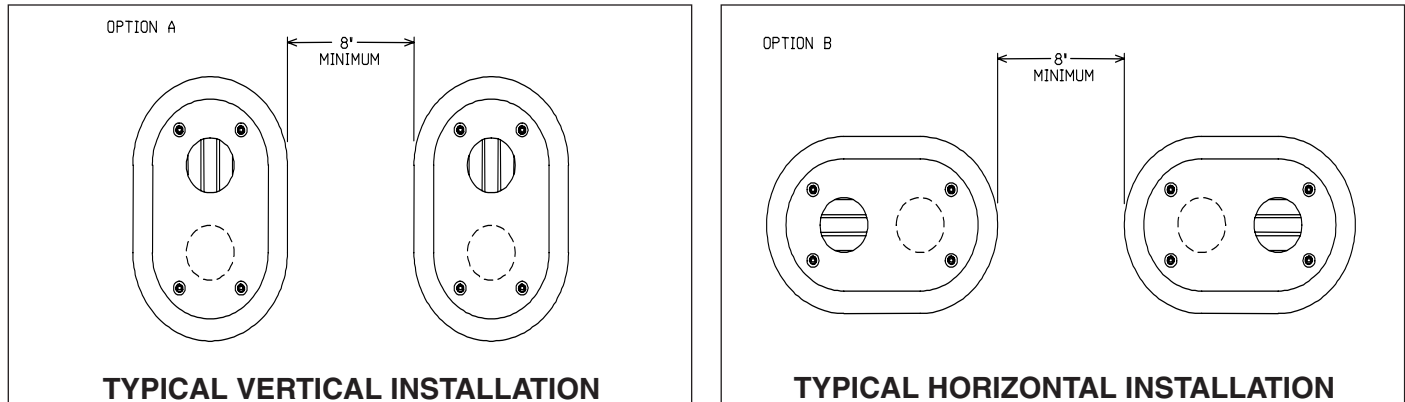
INSTALLATION - Side Wall Vent

For allowable exhaust and intake air pipe lengths and placement, follow the instructions for "Standard Vent Termination" in the Direct or Non-Direct Vent Section of the Furnace Installation Instructions or Venting Section of the Condensing Tankless Water Heater Use & Care Manual.

Important: Do not install on the prevailing winter-wind side of the structure.

Note: Multi-venting-No common venting. Refer to Furnace or Tankless Water Heater Installation Instructions for complete information.

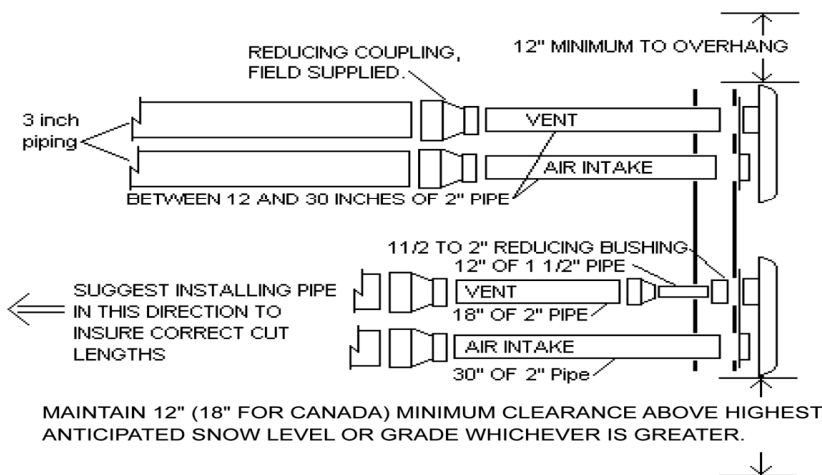
FIGURE 1
VENT KIT INSTALLATION OPTIONS



NOTE: Install the vent and air intake piping into the vent plate openings. Seal all gaps between the pipes and wall. **Be Sure To Use Silicone Sealant** to seal the vent pipe to the vent cap to permit field disassembly for annual inspection and cleaning. Also seal all pipe penetrations in wall. To prevent possibility of condensate freeze-up, do not install vent kits one above the other.

Note: The Vent illustration in Figures 1 & 2 can be used for Non-direct vent termination also.

FIGURE 2
TYPICAL INSTALLATION – FURNACE ONLY



Furnace Only, does not apply to tankless.

For 90000 thru 120000 BTUH models-
reduce to a length between 12 inches
and 30 inches of 2 inch pipe.

For 45000 thru 75000 BTUH models-
when 3 inch pipe is used: reduce last 30
inches to 18 inches of 2 inch pipe and
12 inches of 1-1/2 inch pipe to maintain
velocity.

Note: Vent should protrude a maximum
of 2-1/4" beyond vent plate.

Air intake should protrude a maximum
of 1 inch beyond vent plate.

Use the vent plate as a template to locate air intake holes and four mounting holes. Observe minimum clearances. Cut two 2-5/8" diameter holes for the vent and air intake openings. Drill four 3/16" diameter holes for inserting the plastic anchors into wall. Attach the vent plate to the wall with four screws (#8 pan, 2" long, SMS Type A18-8 stainless steel).

Assemble the vent cap to the vent plate. Insert the four (#8, 2" long, SMS Type A18-8 stainless steel) screws into the vent cap screw hole openings and securely attach the vent cap to the vent plate.

Seal all wall cavities.