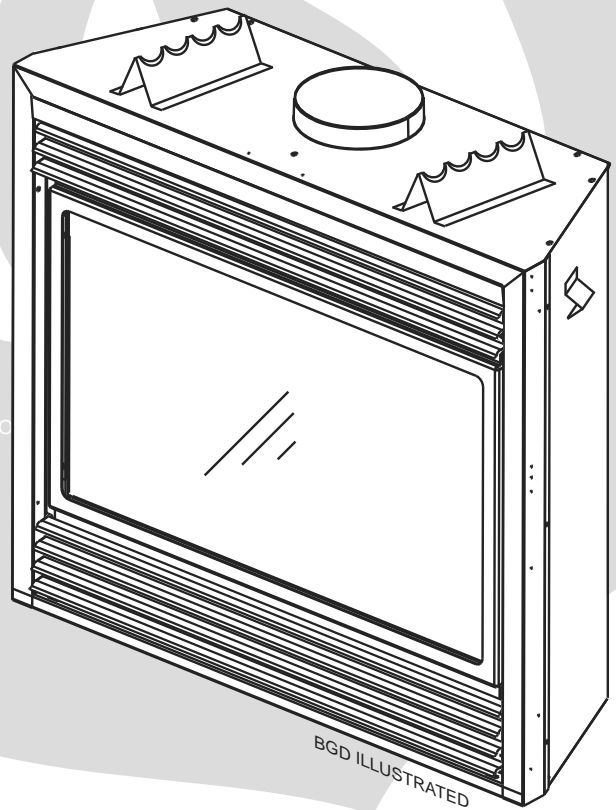


R
MODEL

STATES USING ANSI/CSA METHOD

 **WARNING**



Quality System Certified To
ISO
9001-2008



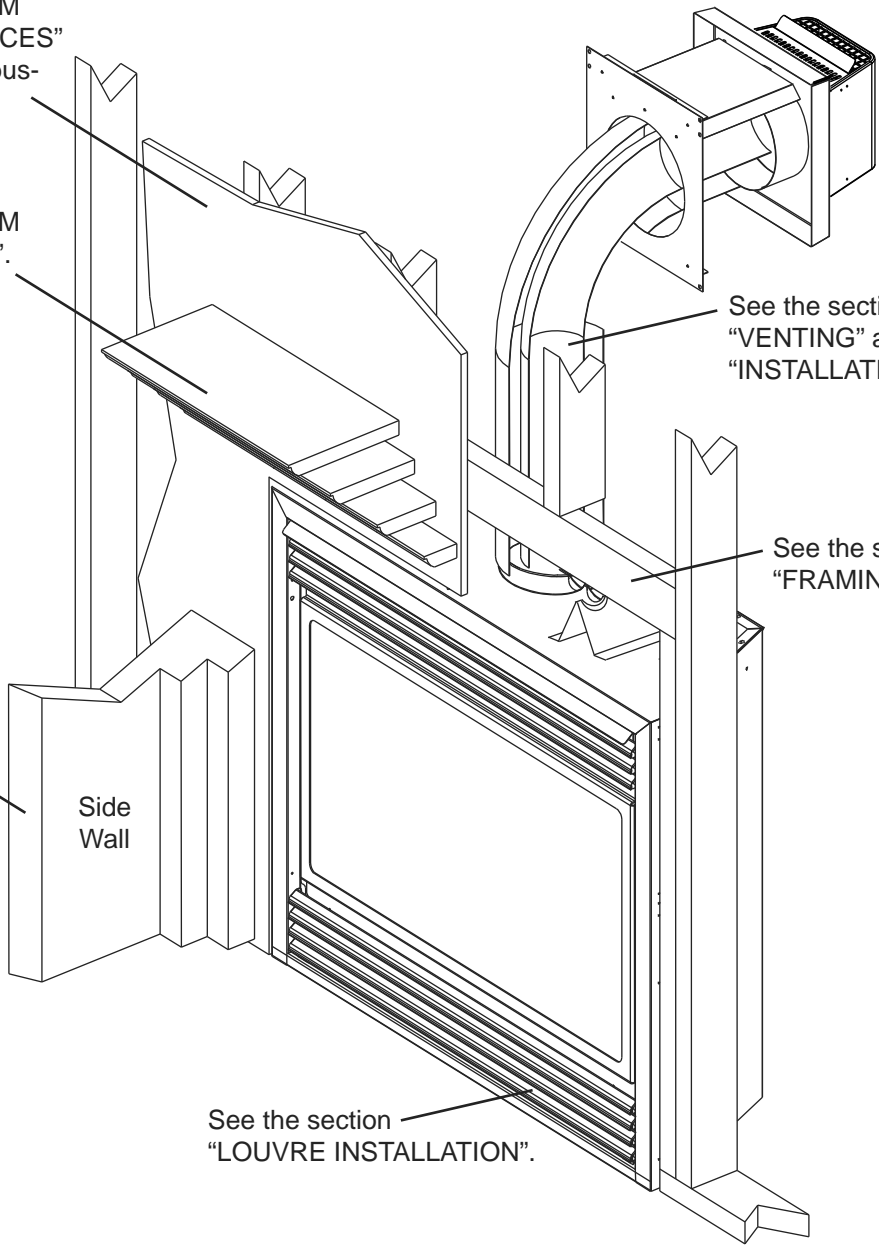
See the section "MINIMUM ENCLOSURE CLEARANCES" for drywall (or other combustible material).

See the section "MINIMUM MANTEL CLEARANCES".

See the section "VENTING" and "INSTALLATION".

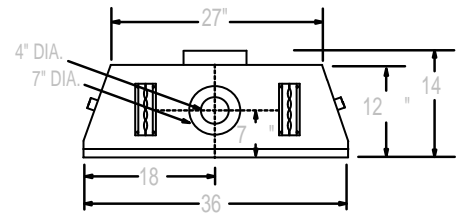
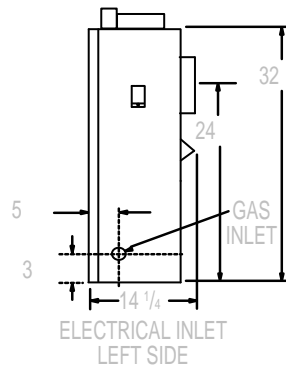
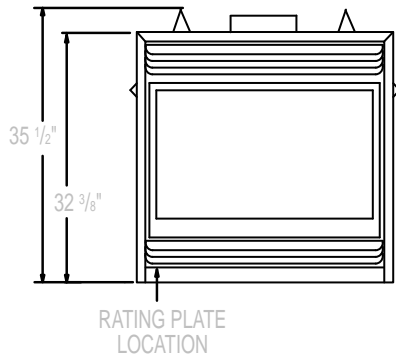
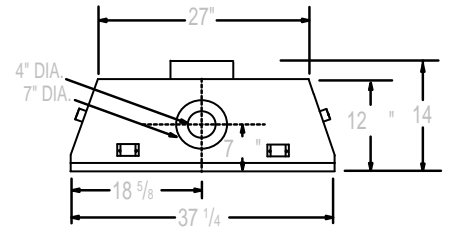
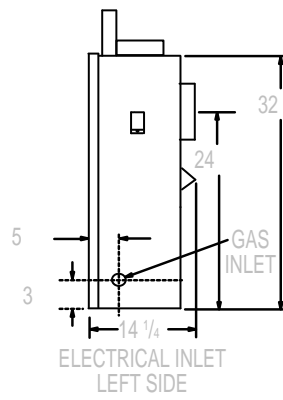
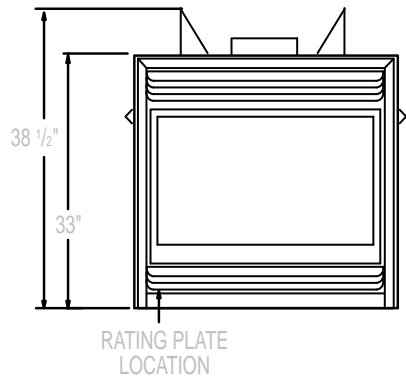
See the section "FRAMING".

See the section "FRAMING".



See the section "LOUVRE INSTALLATION".

 WARNING



! WARNING

ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RAN OUT, WITH THE GLASS DOOR OPENED OR REMOVED.

PROVIDE ADEQUATE CLEARANCE FOR SERVICING AND OPERATING THE APPLIANCE.

PROVIDE ADEQUATE VENTILATION.

NEVER OBSTRUCT THE FRONT OPENING OF THE APPLIANCE.

OBJECTS PLACED IN FRONT OF THE APPLIANCE MUST BE KEPT A MINIMUM OF 48" FROM THE FRONT FACE OF THE UNIT.

FIRE RISK. EXPLOSION HAZARD.

HIGH PRESSURE WILL DAMAGE VALVE. DISCONNECT GAS SUPPLY PIPING BEFORE PRESSURE TESTING GAS LINE AT TEST PRESSURES ABOVE 1/2 PSIG. CLOSE THE MANUAL SHUT-OFF VALVE BEFORE PRESSURE TESTING GAS LINE AT TEST PRESSURES EQUAL TO OR LESS THAN 1/2 PSIG.

USE ONLY WOLF STEEL APPROVED OPTIONAL ACCESSORIES AND REPLACEMENT PARTS WITH THIS APPLIANCE. USING NON-LISTED ACCESSORIES (BLOWERS, DOORS, LOUVRES, TRIMS, GAS COMPONENTS, VENTING COMPONENTS, ETC.) COULD RESULT IN A SAFETY HAZARD AND WILL VOID THE WARRANTY AND CERTIFICATION.


**NATIONAL
FIREPLACE
INSTITUTE**



CERTIFIED

www.nficertified.org

We suggest that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists

Canada	
ENERGUIDE	
Gas Fireplace Energy Efficiency Rating	
<i>Based on CSA P4.1-02</i>	
Model No. GD36	

DIRECT VENT GAS FIREPLACE. SUITABLE FOR BEDROOM, BATHROOM AND BED-SITTING ROOM INSTALLATION. SUITABLE FOR MOBILE HOME INSTALLATION IF INSTALLED IN ACCORDANCE WITH THE CURRENT STANDARD CAN/CSA Z240MH SERIES GAS EQUIPPED MOBILE HOMES, IN CANADA OR IN THE UNITED STATES THE MANUFACTURED HOME CONSTRUCTION AND SAFETY STANDARD, TITLE 24 CFR, PART 3280. WHEN THIS US STANDARD IS NOT APPLICABLE USE THE STANDARD FOR FIRE SAFETY CRITERIA FOR MANUFACTURED HOME INSTALLATIONS, SITES AND COMMUNITIES, ANSI / NFPA 501A. WHEN INSTALLED WITH SCREEN KIT GD-565KT, THE FIREPLACE COMPLIES WITH CGA CERTIFICATION REQUIREMENT CR95-006.



CERTIFIED FOR CANADA AND USA
CERTIFIEE POUR ET

FOYER A GAZ VENTILE DIRECT. HOMOLOGUE POUR INSTALLATION DANS UNE CHAMBRE A COUCHER, UNE SALLE DE BAIN ET UN STUDIO. APPROPRIE POUR INSTALLATION DANS UNE MAISON MOBILE SI SON INSTALLATION CONFORME AUX EXIGENCES DE LA NORME CAN/CSA Z240MH SERIE DE MAISONS MOBILES EQUIPEES AU GAZ, EN VIGUEUR AU CANADA OU AUX ETATS-UNIS DE LA NORME DE SECURITE ET DE CONSTRUCTION DE MAISONS MANUFACTUREES, TITRE 24 CFR, SECTION 3280. DANS LE CAS OU CETTE NORME D'ETATS-UNIS NE PEUT ETRE APPLIQUEE, SE REFERER A LA NORME RELATIVE AU CRITERE DE MESURES DE SECURITE CONTRE L'INCENDIE POUR LES INSTALLATIONS DANS LES MAISONS MANUFACTURES, LES SITES ET LES COMMUNAUTES, ANSI/NFPA 501A. LORSQU'IL EST INSTALLE AVEC LA TROUSSE POUR ECRAN GD-565KT, LE FOYER EST CONFORME A LA NORME DE CERTIFICATION DE L'ACG CR95-006.

OPTIONAL FAN KIT / ENSEMBLE DE VENTILATEUR FACULTATIF: GZ550-KT, GD65

! WARNING



HOT GLASS WILL CAUSE BURNS.

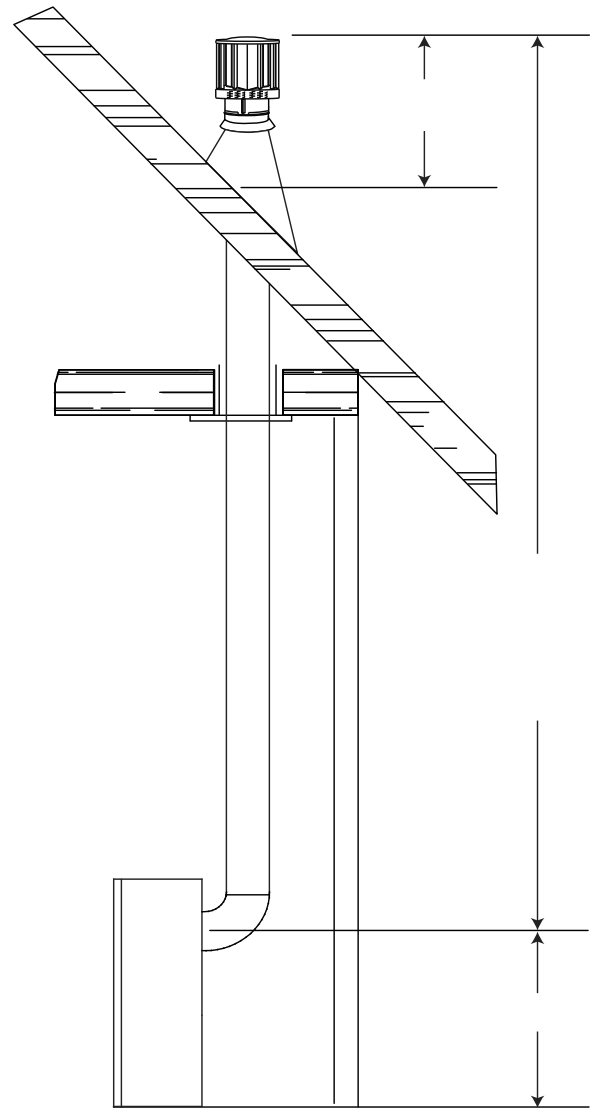
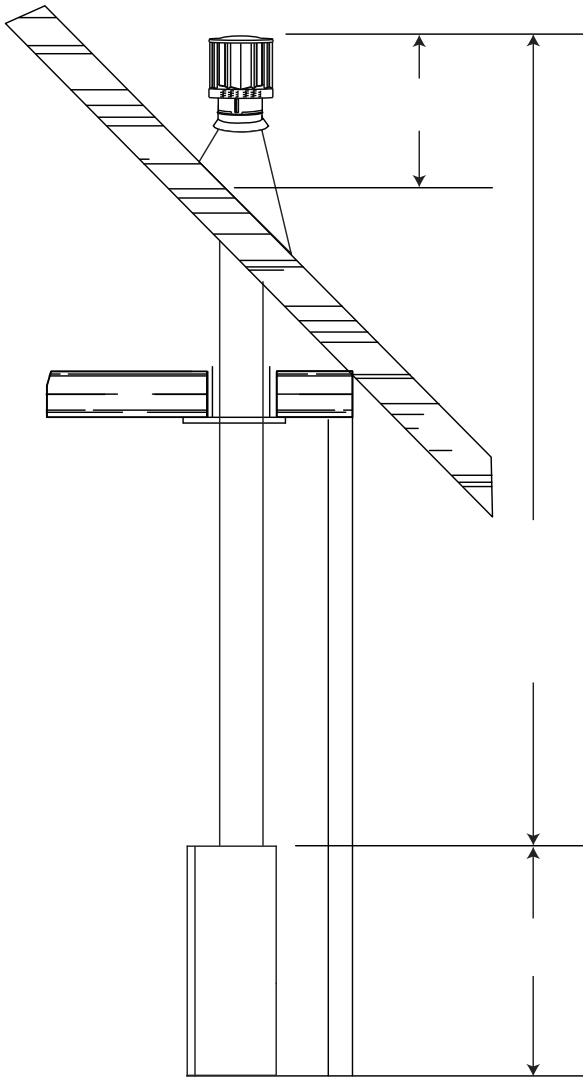
DO NOT TOUCH GLASS UNTIL COOLED.

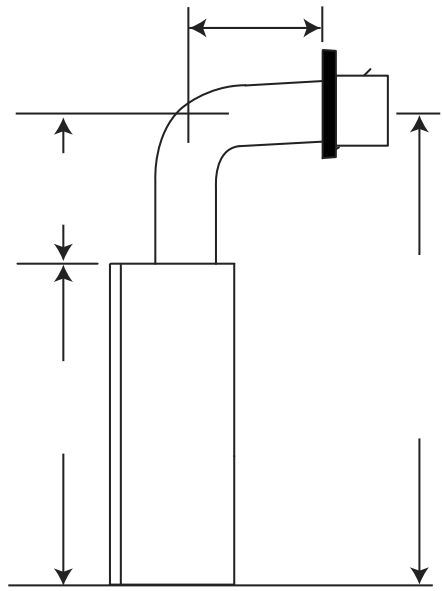
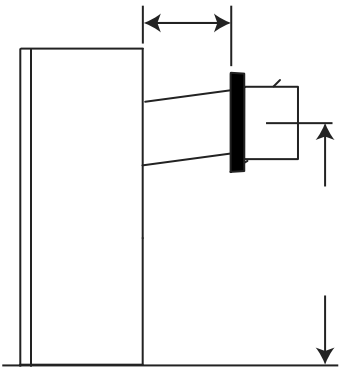
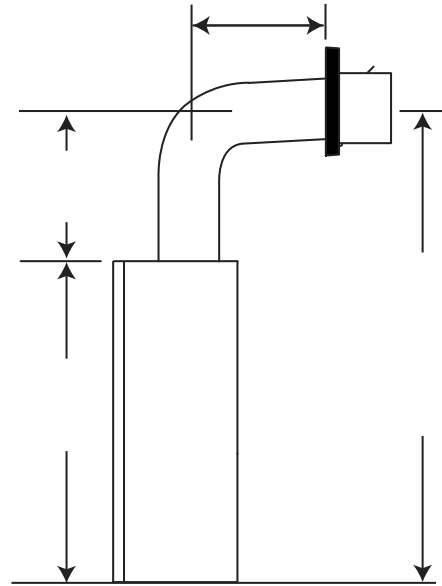
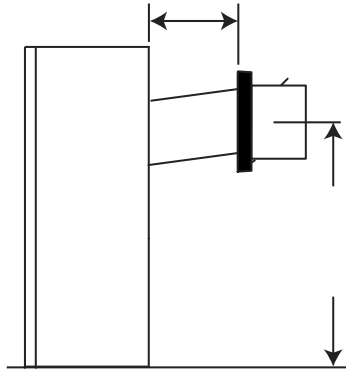
NEVER ALLOW CHILDREN TO TOUCH GLASS.

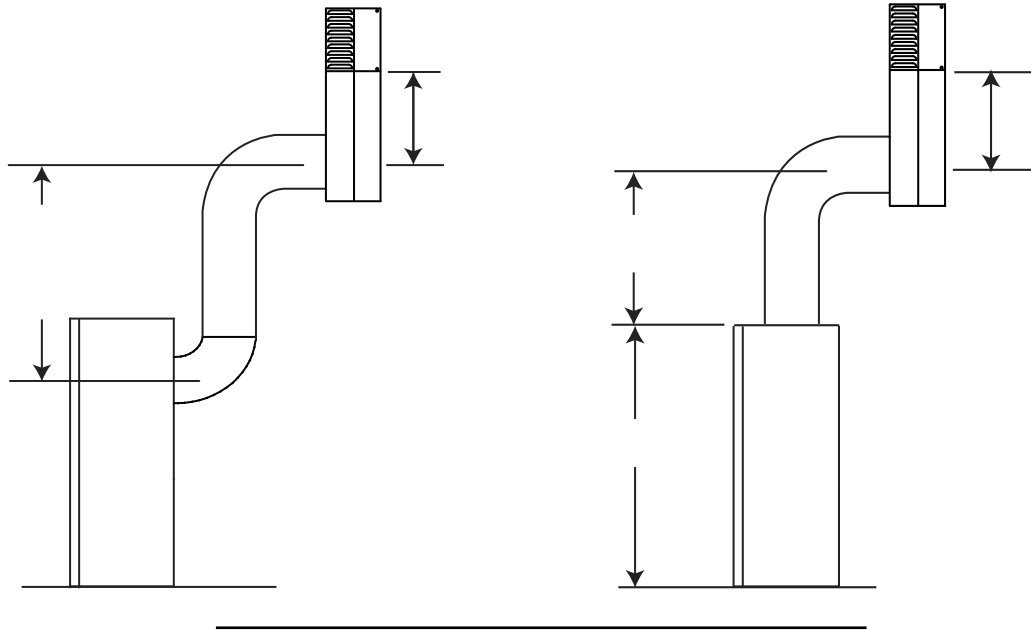
 **WARNING**

RISK OF FIRE, MAINTAIN SPECIFIED AIR SPACE CLEARANCES TO VENT PIPE AND APPLIANCE.

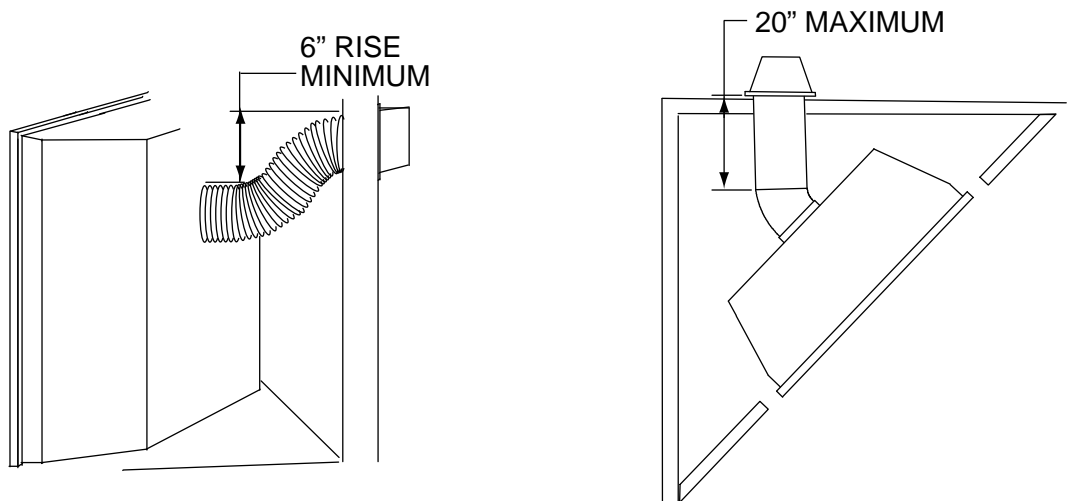
IF VENTING IS INCLUDED WITH SPACERS THE VENT SYSTEM MUST BE SUPPORTED EVERY 3 FEET FOR BOTH VERTICAL AND HORIZONTAL RUNS. USE SUPPORTS OR EQUIVALENT NON-COMBUSTIBLE STRAPPING TO MAINTAIN THE REQUIRED CLEARANCE FROM COMBUSTIBLES. USE WOLF STEEL LTD. SUPPORT RING ASSEMBLY W010-0370 OR EQUIVALENT NON-COMBUSTIBLE STRAPPING TO MAINTAIN THE MINIMUM CLEARANCE TO COMBUSTIBLES FOR BOTH VERTICAL AND HORIZONTAL RUNS. SPACERS ARE ATTACHED TO THE INNER PIPE AT PREDETERMINED INTERVALS TO MAINTAIN AN EVEN AIR GAP TO THE OUTER PIPE. THIS GAP IS REQUIRED FOR SAFE OPERATION. A SPACER IS REQUIRED AT THE START, MIDDLE AND END OF EACH ELBOW TO ENSURE THIS GAP IS MAINTAINED. THESE SPACERS MUST NOT BE REMOVED.

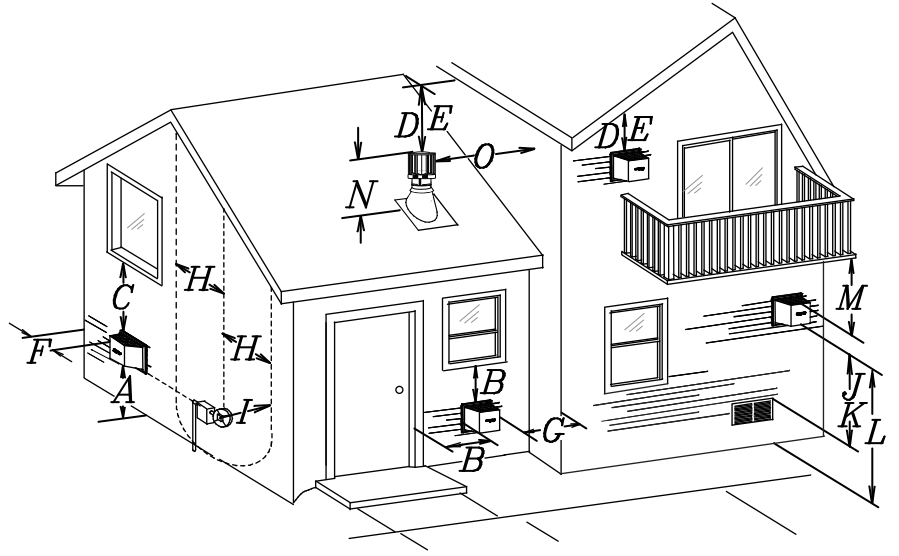






The maximum vent length for a corner installation is 20" of horizontal run, in addition to 45° offset. In this case 0" rise is acceptable when using rigid. Flexible venting must maintain a 6" rise. See illustration below.

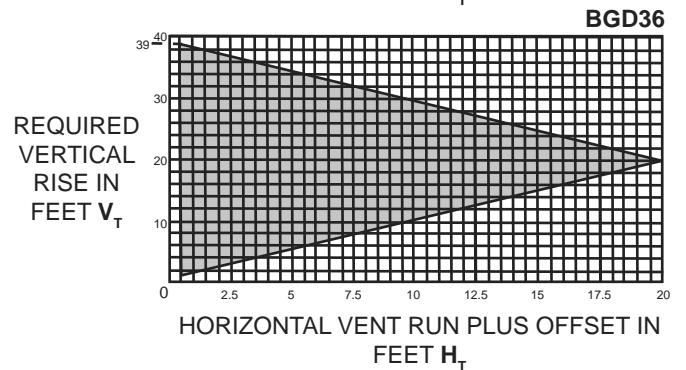
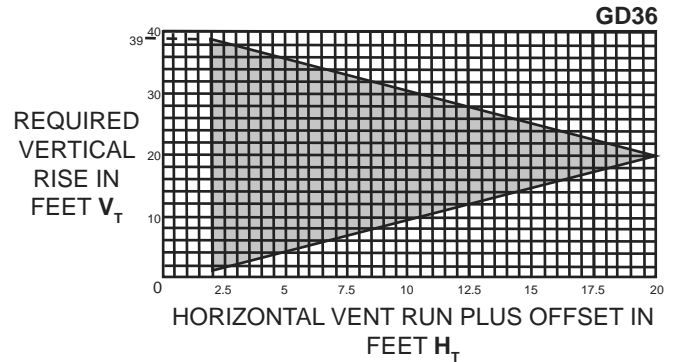
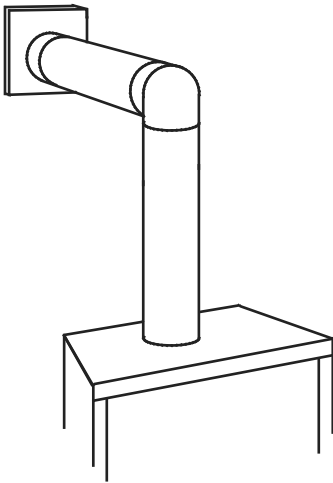




$$(H_T) \leq (V_T)$$

Simple venting configuration
(only one 90° elbow)

See graph to determine the required vertical rise V_T for the required horizontal run H_T .



The shaded area within the lines represents acceptable values for H_T and V_T

For vent configurations requiring more than one 90° elbow, the following formulas apply:

Formula 1: $H_T \leq V_T$

Formula 2: $H_T + V_T \leq 40$ feet

Example 1:

$V_1 = 3$ FT

$V_2 = 8$ FT

$V_T = V_1 + V_2 = 3 + 8 = 11$ FT

$H_1 = 2.5$ FT

$H_2 = 2$ FT

$H_R = H_1 + H_2 = 2.5 + 2 = 4.5$ FT

$H_o = .03$ (three 90° elbows - 90°) = $.03$ (270° - 90°) = 5.4 FT

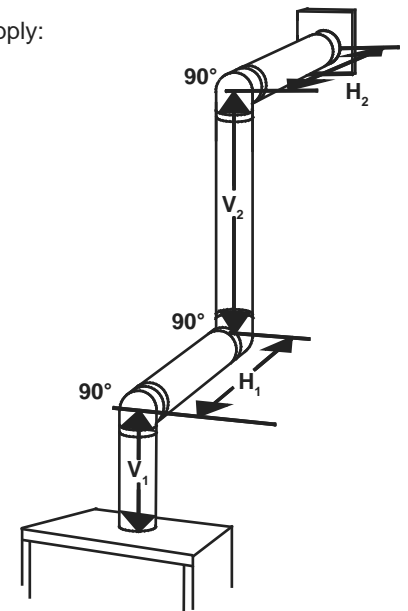
$H_T = H_R + H_o = 4.5 + 5.4 = 9.9$ FT

$H_T + V_T = 9.9 + 11 = 20.9$ FT

Formula 1: $H_T \leq V_T$
 $9.9 \leq 11$

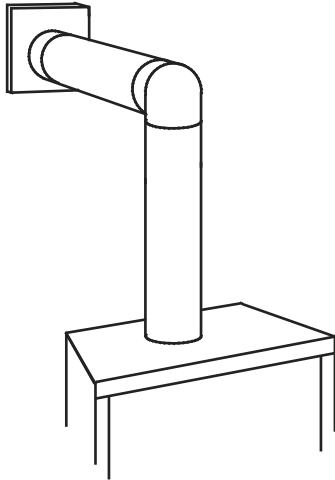
Formula 2: $H_T + V_T \leq 40$ FT
 $20.9 \leq 40$

Since both formulas are met, this vent configuration is acceptable.

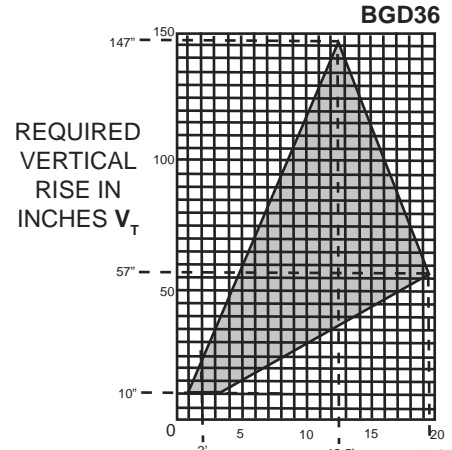
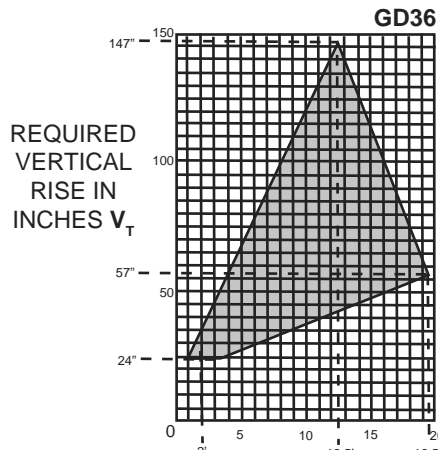


$(H_T) > (V_T)$

Simple venting configuration
(only one 90° elbow)



See graph to determine the required vertical rise V_T for the required horizontal run H_T .



HORIZONTAL VENT RUN PLUS OFFSET IN FEET H_T

The shaded area within the lines represents acceptable values for H_T and V_T

For vent configurations requiring more than one 90° elbow, the following formulas apply:

Formula 1: $H_T \leq 4.2 V_T$

Formula 2: $H_T + V_T \leq 24.75$ feet

Example 2:

$V_1 = V_T = 6$ FT

$H_1 = 3$ FT

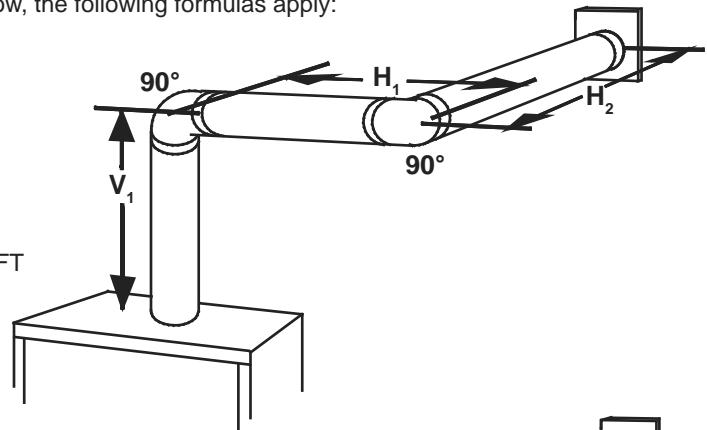
$H_2 = 5$ FT

$H_R = H_1 + H_2 = 3 + 5 = 8$ FT

$H_O = .03$ (two 90° elbows - 90°) = .03 (180° - 90°) = 2.7 FT

$H_T = H_R + H_O = 8 + 2.7 = 10.7$ FT

$H_T + V_T = 10.7 + 6 = 16.7$ FT



Formula 1: $H_T \leq 4.2 V_T$
 $4.2 V_T = 4.2 \times 6 = 25.2$ FT

Formula 2: $H_T + V_T \leq 24.75$
 $16.7 \leq 24.75$

Since both formulas are met, this vent configuration is acceptable.

Example 3:

$V_1 = 4$ FT

$V_2 = 1.5$ FT

$V_T = V_1 + V_2 = 4 + 1.5 = 5.5$ FT

$H_1 = 2$ FT

$H_2 = 1$ FT

$H_3 = 1$ FT

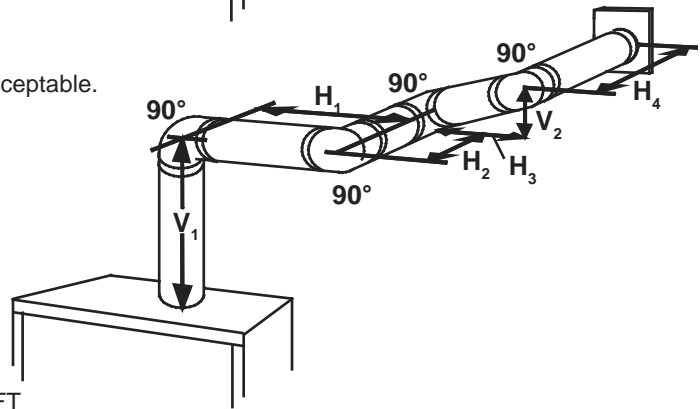
$H_4 = 1.5$ FT

$H_R = H_1 + H_2 + H_3 + H_4 = 2 + 1 + 1 + 1.5 = 5.5$ FT

$H_O = .03$ (four 90° elbows - 90°) = .03 (360° - 90°) = 8.1 FT

$H_T = H_R + H_O = 5.5 + 8.1 = 13.6$ FT

$H_T + V_T = 13.6 + 5.5 = 19.1$ FT



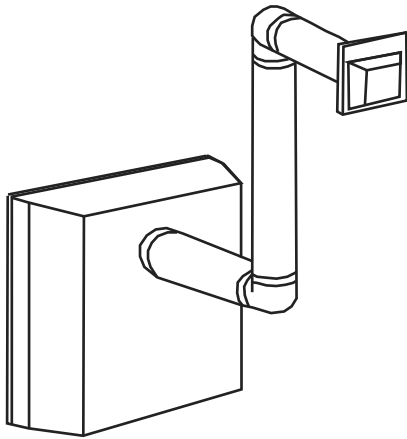
Formula 1: $H_T \leq 4.2 V_T$
 $4.2 V_T = 4.2 \times 5.5 = 23.1$ FT

Formula 2: $H_T + V_T \leq 24.75$
 $19.1 \leq 24.75$

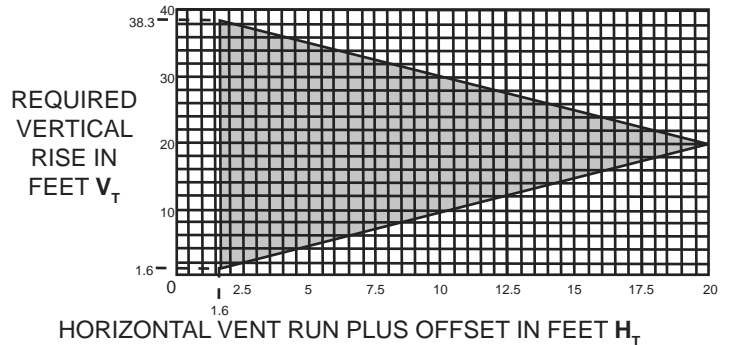
Since both formulas are met, this vent configuration is acceptable.

$$(H_T) \leq (V_T)$$

Simple venting configuration
(only two 90° elbows)



See graph to determine the required vertical rise V_T for the required horizontal run H_T .



The shaded area within the lines represents acceptable values for H_T and V_T

For vent configurations requiring more than two 90° elbows, the following formulas apply:

Formula 1: $H_T \leq V_T$

Formula 2: $H_T + V_T \leq 40$ feet

Example 4:

$V_1 = 9$ FT

$V_2 = 6$ FT

$V_T = V_1 + V_2 = 9 + 6 = 15$ FT

$H_1 = 3$ FT

$H_2 = 2$ FT

$H_3 = 1.5$ FT

$H_R = H_1 + H_2 + H_3 = 3 + 2 + 1.5 = 6.5$ FT

$H_O = .03$ (four 90° elbows - 90°) = $.03 (360^\circ - 90^\circ) = 8.1$ FT

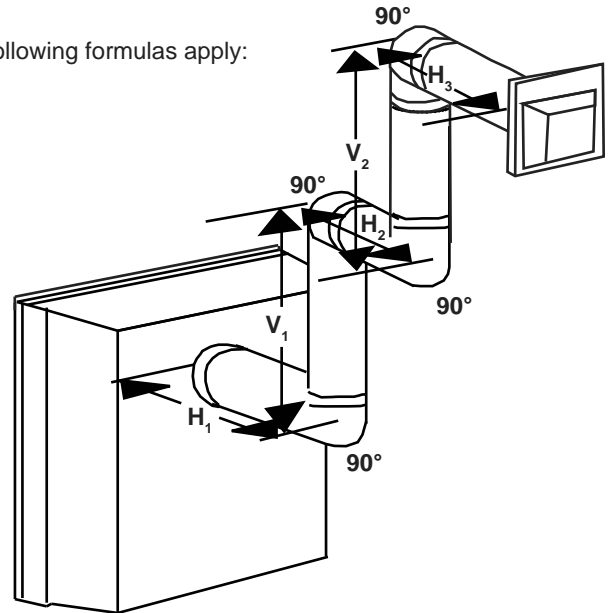
$H_T = H_R + H_O = 6.5 + 8.1 = 14.6$ FT

$H_T + V_T = 14.6 + 15 = 29.6$ FT

Formula 1: $H_T \leq V_T$
 $14.6 \leq 15$

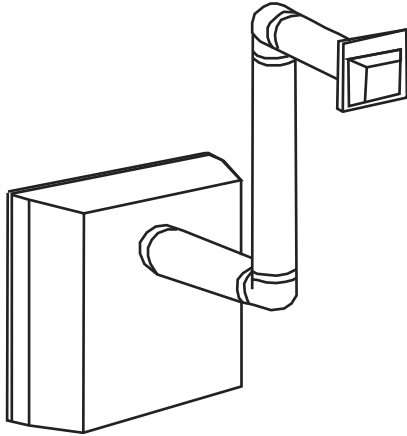
Formula 2: $H_T + V_T \leq 40$ FT
 $29.6 \leq 40$

Since both formulas are met, this vent configuration is acceptable.

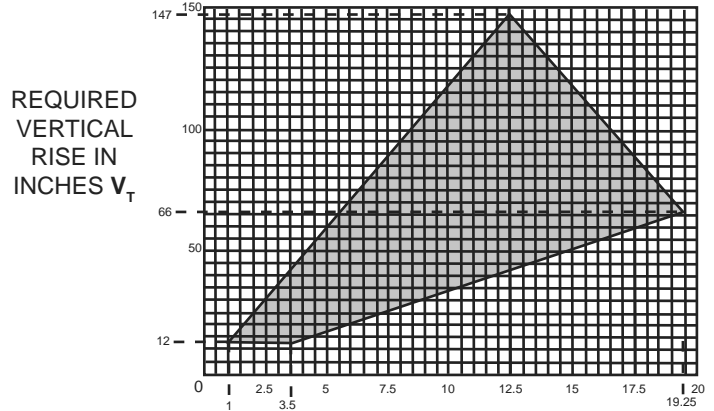


$(H_T) > (V_T)$

Simple venting configuration
(only two 90° elbows)



See graph to determine the required vertical rise V_T for the required horizontal run H_T .



HORIZONTAL VENT RUN PLUS OFFSET IN FEET H_T
The shaded area within the lines represents acceptable values for H_T and V_T

For vent configurations requiring more than two 90° elbows, the following formulas apply:

Formula 1: $H_T \leq 3.5V_T$

Formula 2: $H_T + V_T \leq 24.75$ feet

Example 4:

$V_1 = 4$ FT

$V_2 = 1.5$ FT

$V_T = V_1 + V_2 = 4 + 1.5 = 5.5$ FT

$H_1 = 2$ FT

$H_2 = 1$ FT

$H_3 = 1$ FT

$H_4 = 1.5$ FT

$H_R = H_1 + H_2 + H_3 + H_4 = 2 + 1 + 1 + 1.5 = 5.5$ FT

$H_O = .03$ (four 90° elbows + one 45° elbow - 90°)

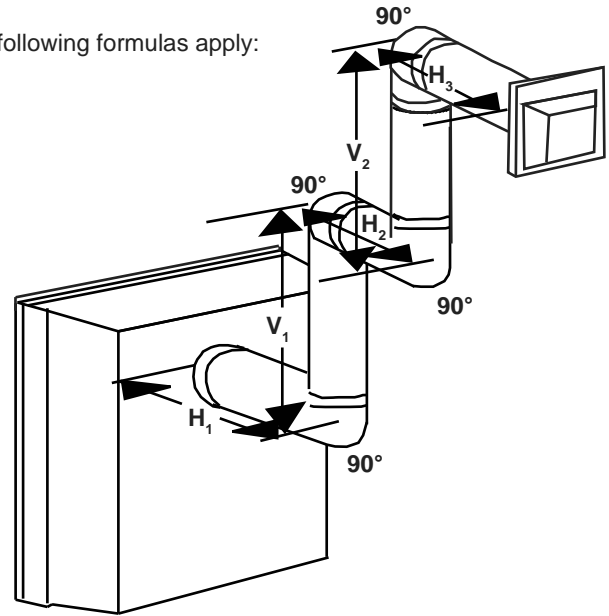
$= .03 (90 + 90 + 90 + 90 + 45 - 90) = 9.45$ FT

$H_T = H_R + H_O = 5.5 + 9.45 = 14.95$ FT

$H_T + V_T = 14.95 + 5.5 = 20.45$ FT

Formula 1: $H_T \leq 3.5V_T$
 $3.5V_T = 3.5 \times 5.5 = 19.25$ FT
 $14.95 \leq 19.25$

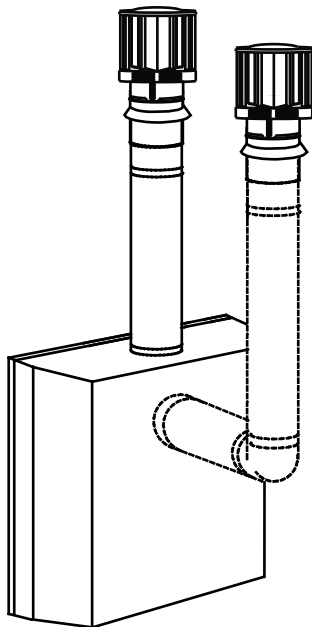
Formula 2: $H_T + V_T \leq 24.75$ FT
 $20.45 \leq 24.75$



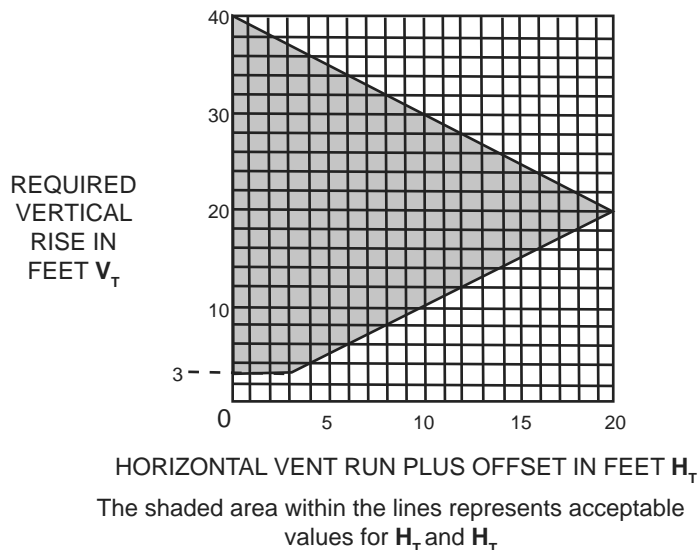
Since both formulas are met, this vent configuration is acceptable.

$$(H_T) \leq (V_T)$$

Simple venting configurations.



See graph to determine the required vertical rise V_T for the required horizontal run H_T .



For vent configurations requiring one or more 90° elbows (top exit) or one or more 90° elbows (rear exit), the following formulas apply:

Formula 1: $H_T \leq V_T$

Formula 2: $H_T + V_T \leq 40$ feet

Example 6:

$V_1 = 5$ FT

$V_2 = 6$ FT

$V_3 = 10$ FT

$V_T = V_1 + V_2 + V_3 = 5 + 6 + 10 = 21$ FT

$H_1 = 8$ FT

$H_2 = 2.5$ FT

$H_R = H_1 + H_2 = 8 + 2.5 = 10.5$ FT

$H_o = .03$ (four 90° elbows - 90°)

$= .03$ (360° - 90°) = 8.1 FT

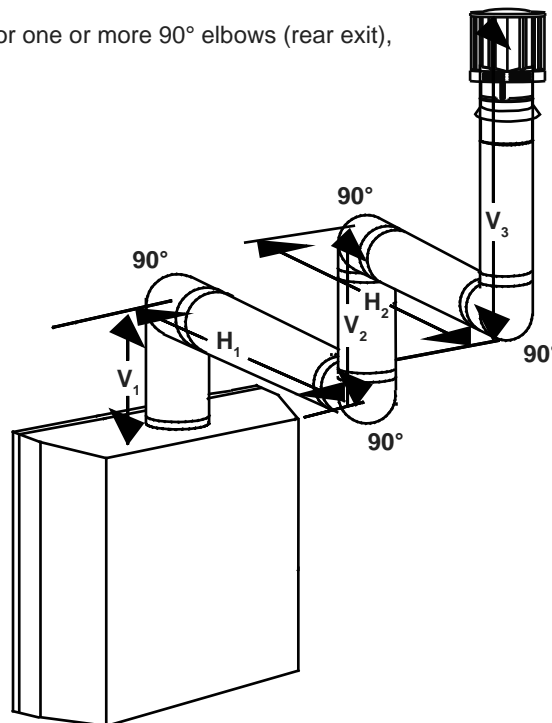
$H_T = H_R + H_o = 10.5 + 8.1 = 18.6$ FT

$H_T + V_T = 18.6 + 21 = 39.6$ FT

Formula 1: $H_T \leq 3.5 V_T$
 $18.6 \leq 21$

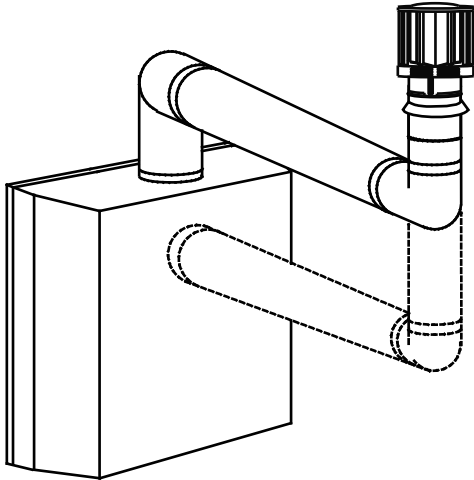
Formula 2: $H_T + V_T \leq 40$ FT
 $39.6 \leq 40$

Since both formulas are met, this vent configuration is acceptable.

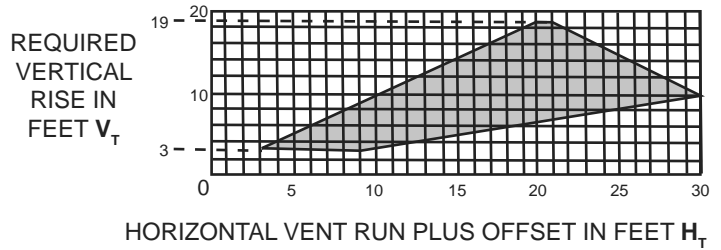


(H_T) > (V_T)

Simple venting configurations.



See graph to determine the required vertical rise V_T for the required horizontal run H_T.



The shaded area within the lines represents acceptable values for H_T and V_T

For vent configurations requiring more than two 90° elbows (top exit) or one 90° elbow (rear exit), the following formulas apply:

Formula 1: $H_T \leq 3 V_T$

Formula 2: $H_T + V_T \leq 40$ feet

Example 7:

$V_1 = 2$ FT

$V_2 = 1$ FT

$V_3 = 1.5$ FT

$V_T = V_1 + V_2 + V_3 = 2 + 1 + 1.5 = 4.5$ FT

$H_1 = 6$ FT

$H_2 = 2$ FT

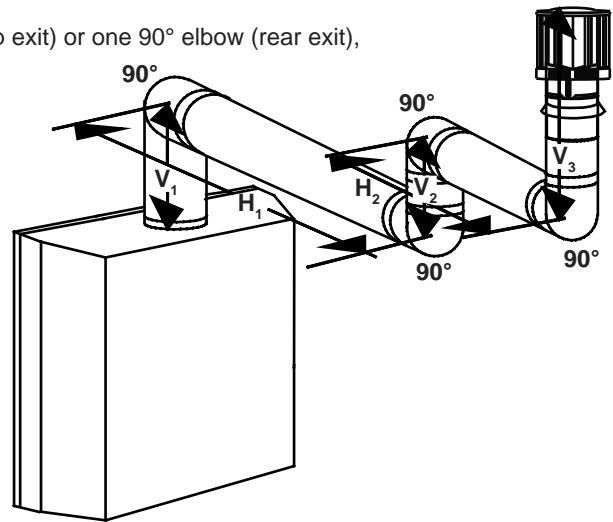
$H_R = H_1 + H_2 = 6 + 2 = 8$ FT

$H_O = .03$ (four 90° elbows - 90°)

$= .03$ (360° - 90°) = 8.1 FT

$H_T = H_R + H_O = 8 + 8.1 = 16.1$ FT

$H_T + V_T = 16.1 + 4.5 = 20.6$ FT



Formula 1: $H_T \leq 3.5 V_T$
 $3.5 V_T = 3 \times 4.5 = 13.5$ FT
 $16.1 \leq 13.5$

Since this formula is not met, this vent configuration is **unacceptable**.

Formula 2: $H_T + V_T \leq 40$ FT
 $16.1 \leq 13.5$

Since only formula 2 is met, this vent configuration is unacceptable and a new fireplace location or vent configuration will need to be established to satisfy both formulas.

Example 8:

$$V_1 = 1.5 \text{ FT}$$

$$V_2 = 5 \text{ FT}$$

$$V_T = V_1 + V_2 = 1.5 + 1 + 5 = 6.5 \text{ FT}$$

$$H_1 = 1 \text{ FT}$$

$$H_2 = 1 \text{ FT}$$

$$H_3 = 10.75 \text{ FT}$$

$$H_R = H_1 + H_2 + H_3 = 1 + 1 + 10.75 = 12.75 \text{ FT}$$

$$H_o = .03 \text{ (four } 90^\circ \text{ elbows + one } 45^\circ \text{ elbow - } 90^\circ)$$

$$= .03 (360^\circ + 45^\circ - 90^\circ) = 6.75 \text{ FT}$$

$$H_T = H_R + H_o = 12.75 + 6.75 = 19.5 \text{ FT}$$

$$H_T + V_T = 19.5 + 6.5 = 26 \text{ FT}$$

Formula 1:

$$H_T \leq 3 V_T$$

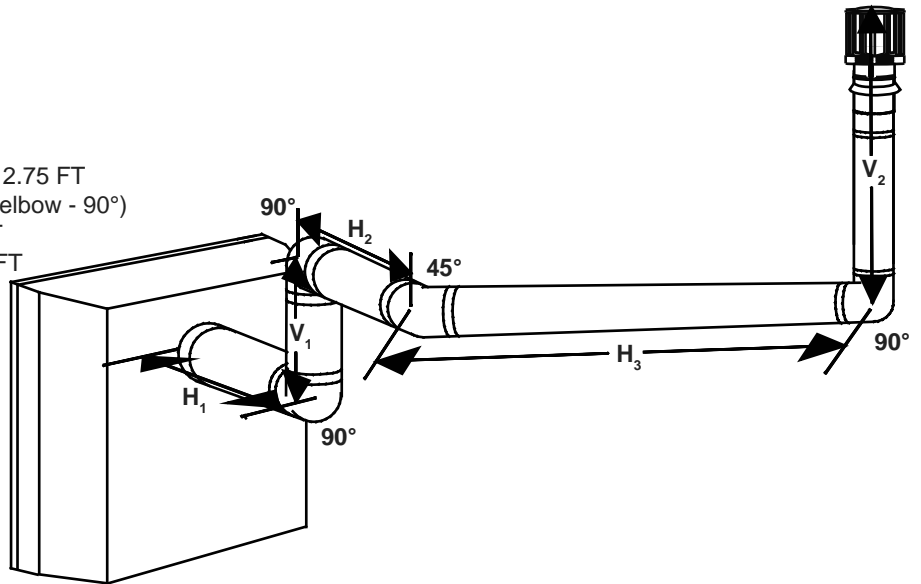
$$3 V_T = 3 \times 6.5 = 19.5 \text{ FT}$$

$$19.5 = 19.5$$

Formula 2:

$$H_T + V_T \leq 40 \text{ FT}$$

$$26 \leq 40$$



Since both formulas are met, this vent configuration is acceptable.

18.2_3

! WARNING

FAILURE TO INSTALL THE CAP WILL CAUSE THE APPLIANCE TO FUNCTION IMPROPERLY AND CAN CAUSE INJURY OR PROPERTY DAMAGE.

! WARNING

FOLLOW THE VENTING INSTRUCTIONS EXACTLY.

ALL INNER EXHAUST AND OUTER INTAKE VENT PIPE JOINTS MAY BE SEALED USING EITHER RED RTV HIGH TEMP SILICONE SEALANT W573-0002 (NOT SUPPLIED) OR BLACK HIGH TEMP MILL PAC W573-0007 (NOT SUPPLIED) WITH THE EXCEPTION OF THE APPLIANCE EXHAUST FLUE COLLAR WHICH MUST BE SEALED USING MILL PAC.

IF USING PIPE CLAMPS TO CONNECT VENT COMPONENTS, 3 SCREWS MUST ALSO BE USED TO ENSURE THE CONNECTION CANNOT SLIP OFF.

DO NOT CLAMP THE FLEXIBLE VENT PIPE.

RISK OF FIRE, EXPLOSION OR ASPHYXIATION. IMPROPER SUPPORT OF THE ENTIRE VENTING SYSTEM MAY ALLOW VENT TO SAG AND SEPARATE. USE VENT RUN SUPPORTS AND CONNECT VENT SECTIONS PER INSTALLATION INSTRUCTIONS.

RISK OF FIRE, DO NOT ALLOW LOOSE MATERIALS OR INSULATION TO TOUCH THE VENT PIPE. REMOVE INSULATION TO ALLOW FOR THE INSTALLATION OF THE ATTIC SHIELD AND TO MAINTAIN CLEARANCES TO COMBUSTIBLES.

68.2

! WARNING

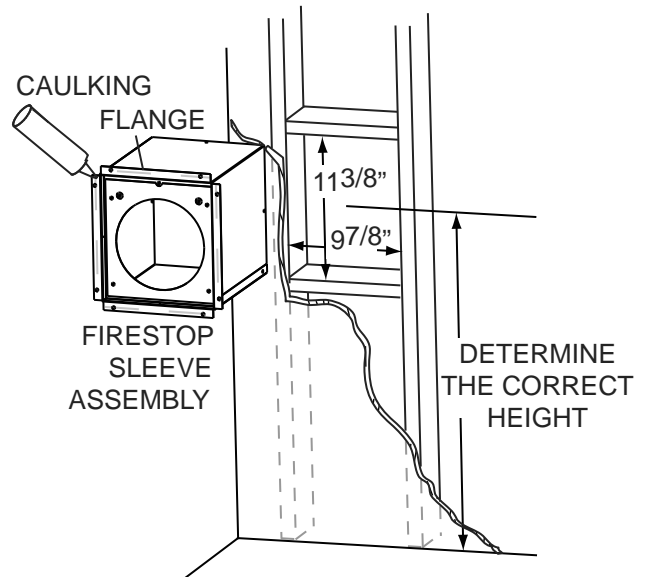
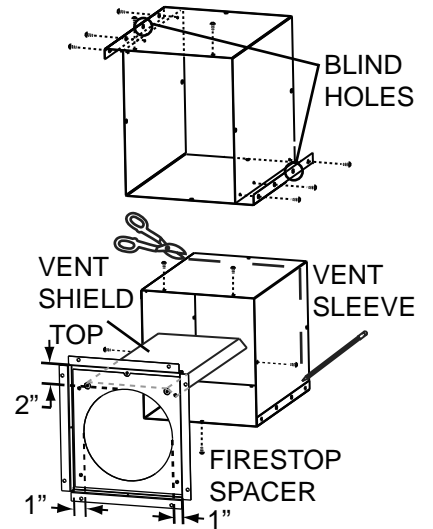
DO NOT FILL THE SPACE BETWEEN THE VENT PIPE AND ENCLOSURE WITH ANY TYPE OF MATERIAL. DO NOT PACK INSULATION OR COMBUSTIBLES BETWEEN CEILING FIRESTOPS. ALWAYS MAINTAIN SPECIFIED CLEARANCES AROUND VENTING AND FIRESTOP SYSTEMS. INSTALL WALL SHIELDS AND FIRESTOPS AS SPECIFIED. FAILURE TO KEEP INSULATION OR OTHER MATERIALS AWAY FROM VENT PIPE MAY CAUSE FIRE.

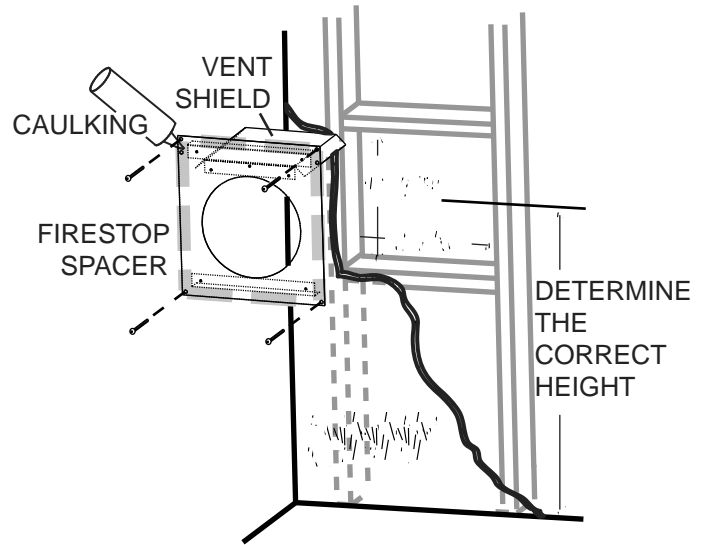
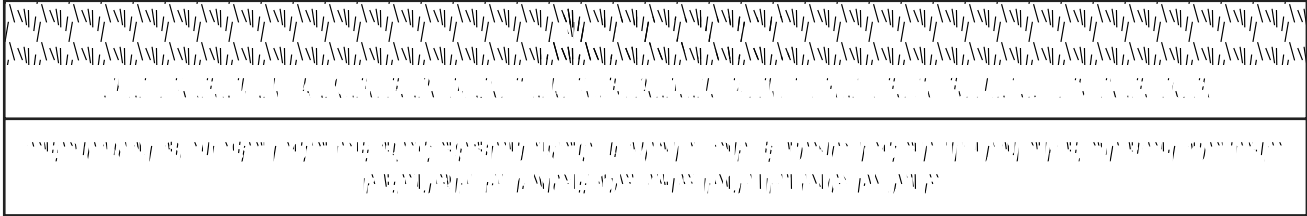
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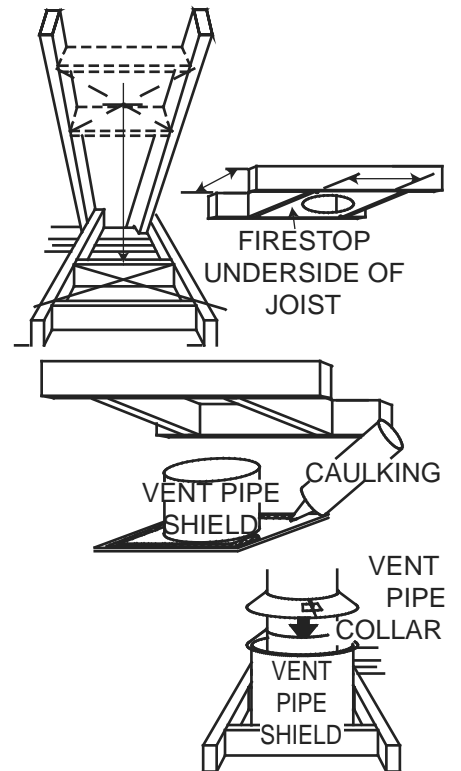
! WARNING

THE FIRESTOP ASSEMBLY MUST BE INSTALLED WITH THE VENT SHIELD TO THE TOP.

TERMINALS MUST NOT BE RECESSED INTO A WALL OR SIDING MORE THAN THE DEPTH OF THE RETURN FLANGE OF THE MOUNTING PLATE.



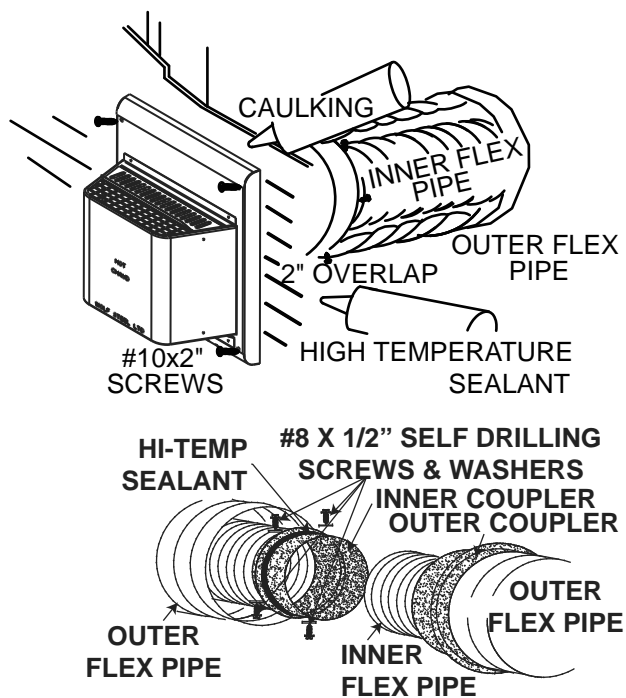
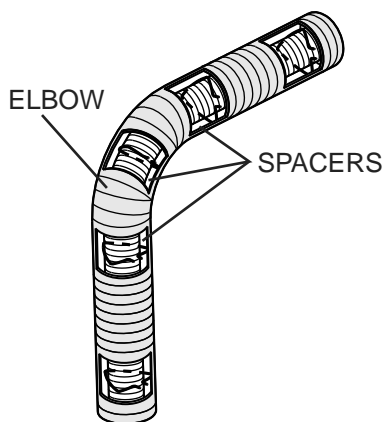




WARNING

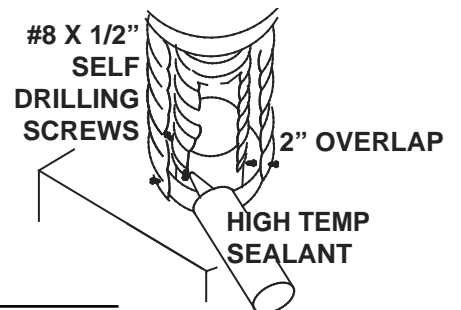
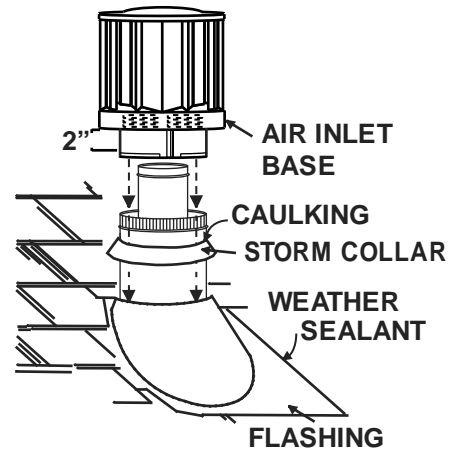
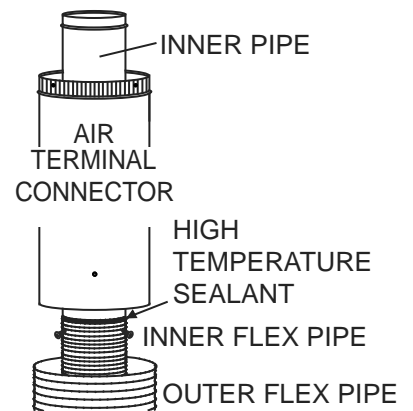
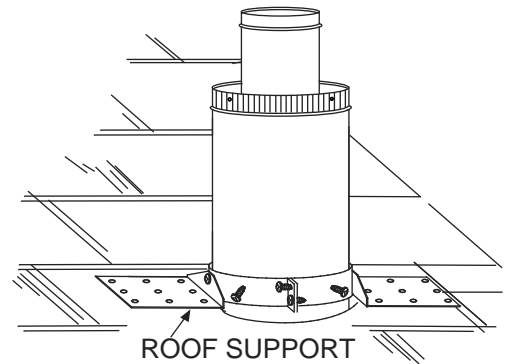
DO NOT ALLOW THE INNER FLEX PIPE TO BUNCH UP ON HORIZONTAL OR VERTICAL RUNS AND ELBOWS. KEEP IT PULLED TIGHT.

SPACERS ARE ATTACHED TO THE INNER FLEX PIPE AT PREDETERMINED INTERVALS TO MAINTAIN AN EVEN AIR GAP TO THE OUTER FLEX PIPE. THIS GAP IS REQUIRED FOR SAFE OPERATION. A SPACER IS REQUIRED AT THE START, MIDDLE AND END OF EACH ELBOW TO ENSURE THIS GAP IS MAINTAINED. THESE SPACERS MUST NOT BE REMOVED.



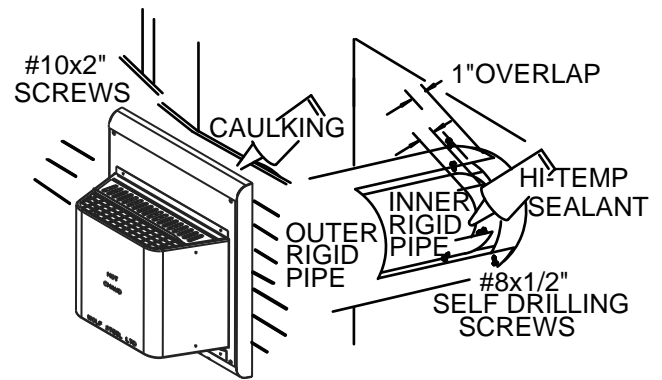
! WARNING

MAINTAIN A MINIMUM 2" SPACE BETWEEN THE AIR INLET BASE AND THE STORM COLLAR.



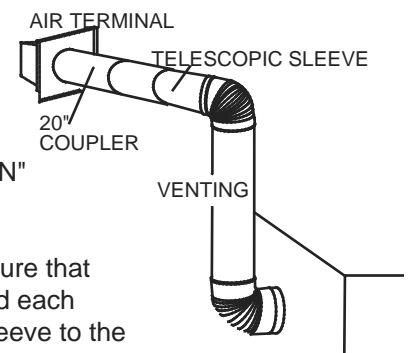
! WARNING

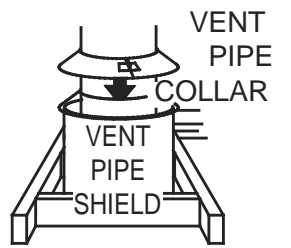
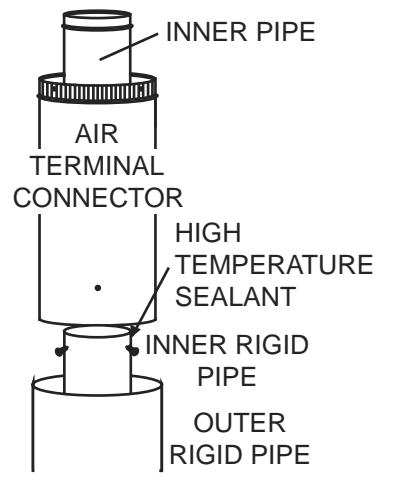
RISK OF FIRE, DO NOT ALLOW LOOSE MATERIALS OR INSULATION TO TOUCH THE VENT PIPE. REMOVE INSULATION TO ALLOW FOR THE INSTALLATION OF THE ATTIC SHIELD AND TO MAINTAIN CLEARANCES TO COMBUSTIBLES.



A 45° corner installation can have 0" rise between the appliance combustion air collar and the air terminal. In this case, vent lengths must be kept to a maximum of 24". For longer vent lengths, a minimum vertical rise of 24" is required.

- A. Follow the instructions for "HORIZONTAL AIR TERMINAL INSTALLATION" section.
- B. Continue adding components alternating inner and outer vent pipes. Ensure that all inner vent pipes and elbows have sufficient vent spacers attached and each component is securely fastened to the one prior. Attach the telescopic sleeve to the vent run. Secure and seal. To facilitate completion, attach inner and outer couplers to the air terminal.
- C. Install the air terminal. See "HORIZONTAL AIR TERMINAL INSTALLATION" section. Extend the outer telescopic sleeve; connect to the air terminal assembly. Fasten with self tapping screws and seal.





! WARNING

RISK OF FIRE, EXPLOSION OR ASPHYXIATION. ENSURE THERE ARE NO IGNITION SOURCES SUCH AS SPARKS OR OPEN FLAMES.

SUPPORT GAS CONTROL WHEN ATTACHING GAS SUPPLY PIPE TO PREVENT DAMAGING GAS LINE.

ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RUN OUT WITH THE GLASS DOOR OPENED OR REMOVED. PURGING OF THE GAS SUPPLY LINE SHOULD BE PERFORMED BY A QUALIFIED SERVICE TECHNICIAN. ASSURE THAT A CONTINUOUS GAS FLOW IS AT THE BURNER BEFORE CLOSING THE DOOR. ENSURE ADEQUATE VENTILATION. FOR GAS AND ELECTRICAL LOCATIONS, SEE "DIMENSION" SECTION.

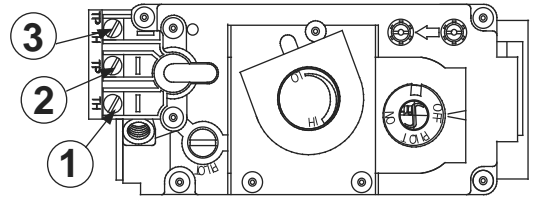
ALL GAS CONNECTIONS MUST BE CONTAINED WITHIN THE APPLIANCE WHEN COMPLETE.

HIGH PRESSURE WILL DAMAGE VALVE. DISCONNECT GAS SUPPLY PIPING BEFORE TESTING GAS LINE AT TEST PRESSURES ABOVE 1/2 PSIG.

VALVE SETTINGS HAVE BEEN FACTORY SET, DO NOT CHANGE.

! WARNING

DO NOT CONNECT EITHER THE WALL SWITCH, THERMOSTAT OR GAS VALVE DIRECTLY TO 110 VOLT ELECTRICITY.



! WARNING

RISK OF FIRE!

IN ORDER TO AVOID THE POSSIBILITY OF EXPOSED INSULATION OR VAPOUR BARRIER COMING IN CONTACT WITH THE APPLIANCE BODY, IT IS RECOMMENDED THAT THE WALLS OF THE APPLIANCE ENCLOSURE BE “FINISHED” (IE: DRYWALL / SHEETROCK), AS YOU WOULD FINISH ANY OTHER OUTSIDE WALL OF A HOME. THIS WILL ENSURE THAT CLEARANCE TO COMBUSTIBLES IS MAINTAINED WITHIN THE CAVITY.

DO NOT NOTCH THE FRAMING AROUND THE APPLIANCE STAND-OFFS. FAILURE TO MAINTAIN AIR SPACE CLEARANCE MAY CAUSE OVER HEATING AND FIRE. PREVENT CONTACT WITH SAGGING OR LOOSE INSULATION OR FRAMING AND OTHER COMBUSTIBLE MATERIALS. BLOCK OPENING INTO THE CHASE TO PREVENT ENTRY OF BLOWN-IN INSULATION. MAKE SURE INSULATION AND OTHER MATERIALS ARE SECURED.

WHEN CONSTRUCTING THE ENCLOSURE ALLOW FOR FINISHING MATERIAL THICKNESS TO MAINTAIN CLEARANCES. FRAMING OR FINISHING MATERIAL CLOSER THAN THE MINIMUMS LISTED MUST BE CONSTRUCTED ENTIRELY OF NON-COMBUSTIBLE MATERIALS. MATERIALS CONSISTING ENTIRELY OF STEEL, IRON, BRICK, TILE, CONCRETE, SLATE, GLASS OR PLASTERS, OR ANY COMBINATION THEREOF ARE SUITABLE. MATERIALS THAT ARE REPORTED AS PASSING ASTM E 136, STANDARD TEST METHOD FOR BEHAVIOUR OF MATERIALS IN A VERTICAL TUBE FURNACE AT 750°C AND UL763 SHALL BE CONSIDERED NON-COMBUSTIBLE MATERIALS.

MINIMUM CLEARANCE TO COMBUSTIBLES MUST BE MAINTAINED OR A SERIOUS FIRE HAZARD COULD RESULT.

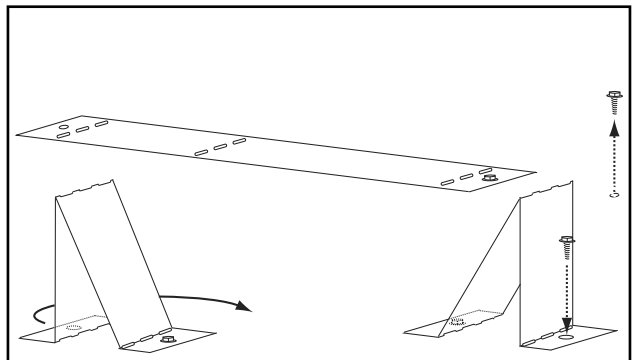
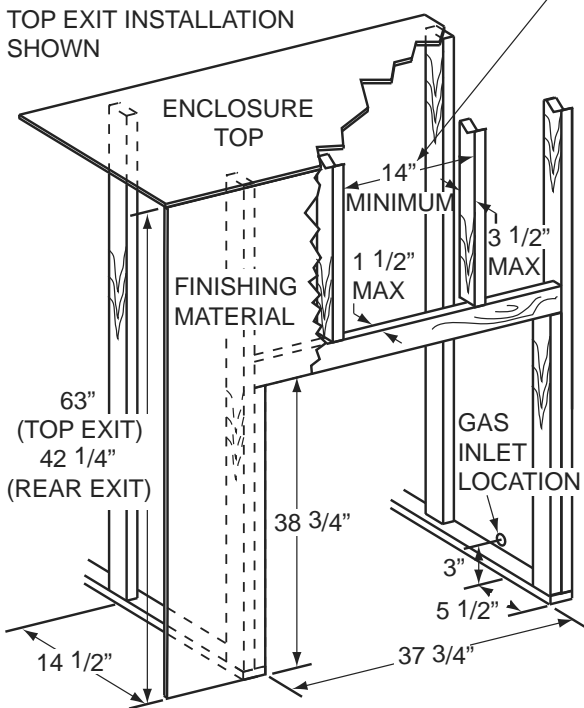
THE APPLIANCE REQUIRES A MINIMUM ENCLOSURE HEIGHT. MEASURE FROM THE APPLIANCE BASE.

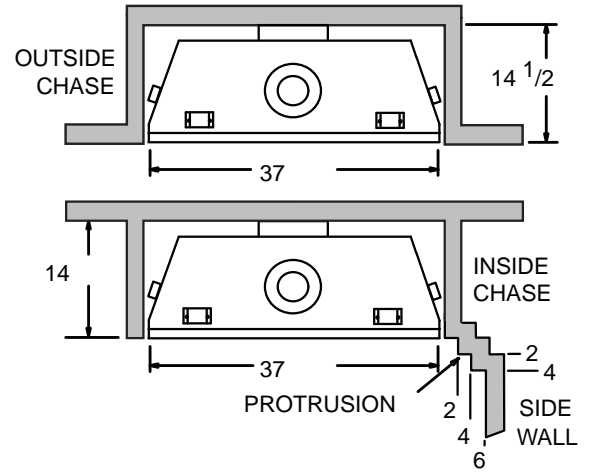
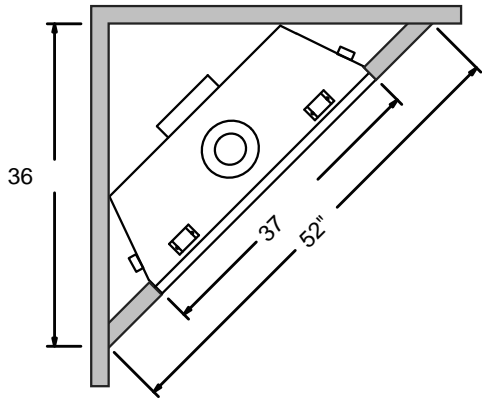
IF STEEL STUD FRAMING KITS WITH CEMENT BOARD ARE PROVIDED, THEY MUST BE INSTALLED.



⚠ WARNING

TOP EXIT INSTALLATION SHOWN





! WARNING

RISK OF FIRE!

IN ORDER TO AVOID THE POSSIBILITY OF EXPOSED INSULATION OR VAPOUR BARRIER COMING IN CONTACT WITH THE APPLIANCE BODY, IT IS RECOMMENDED THAT THE WALLS OF THE APPLIANCE ENCLOSURE BE “FINISHED” (IE: DRYWALL / SHEETROCK), AS YOU WOULD FINISH ANY OTHER OUTSIDE WALL OF A HOME. THIS WILL ENSURE THAT CLEARANCE TO COMBUSTIBLES IS MAINTAINED WITHIN THE CAVITY.

DO NOT NOTCH THE FRAMING AROUND THE APPLIANCE STAND-OFFS. FAILURE TO MAINTAIN AIR SPACE CLEARANCE MAY CAUSE OVER HEATING AND FIRE. PREVENT CONTACT WITH SAGGING OR LOOSE INSULATION OR FRAMING AND OTHER COMBUSTIBLE MATERIALS. BLOCK OPENING INTO THE CHASE TO PREVENT ENTRY OF BLOWN-IN INSULATION. MAKE SURE INSULATION AND OTHER MATERIALS ARE SECURED.

WHEN CONSTRUCTING THE ENCLOSURE ALLOW FOR FINISHING MATERIAL THICKNESS TO MAINTAIN CLEARANCES. FRAMING OR FINISHING MATERIAL CLOSER THAN THE MINIMUMS LISTED MUST BE CONSTRUCTED ENTIRELY OF NON-COMBUSTIBLE MATERIALS. MATERIALS CONSISTING ENTIRELY OF STEEL, IRON, BRICK, TILE, CONCRETE, SLATE, GLASS OR PLASTERS, OR ANY COMBINATION THEREOF ARE SUITABLE. MATERIALS THAT ARE REPORTED AS PASSING ASTM E 136, STANDARD TEST METHOD FOR BEHAVIOUR OF MATERIALS IN A VERTICAL TUBE FURNACE AT 750°C AND UL763 SHALL BE CONSIDERED NON-COMBUSTIBLE MATERIALS.

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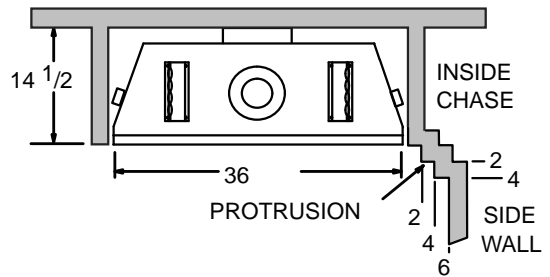
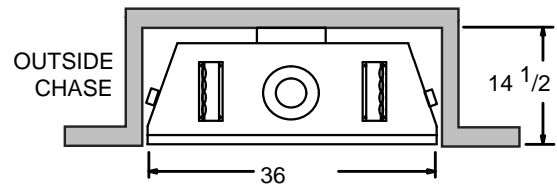
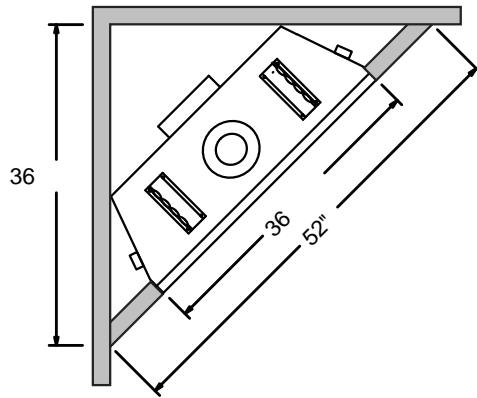
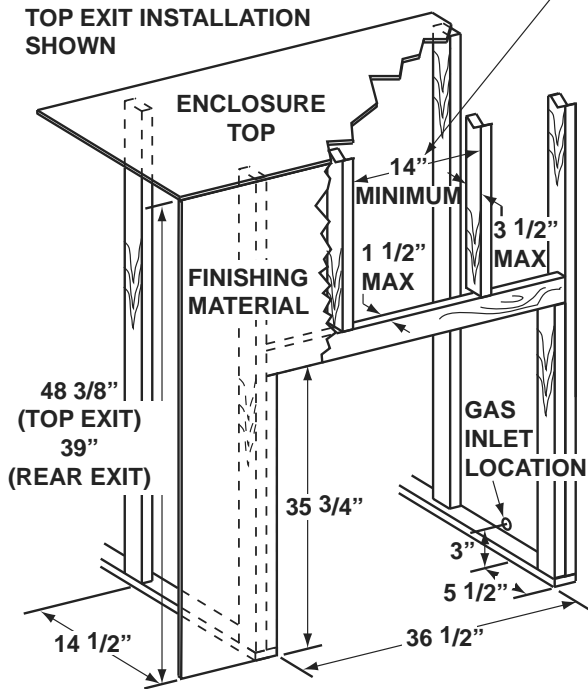
THE APPLIANCE REQUIRES A MINIMUM ENCLOSURE HEIGHT. MEASURE FROM THE APPLIANCE BASE.

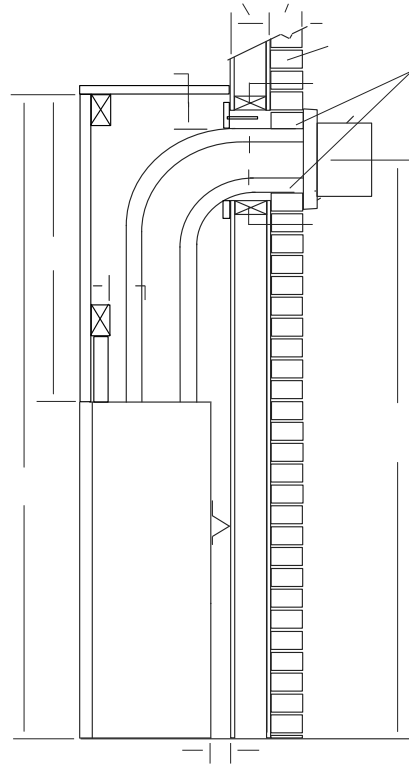
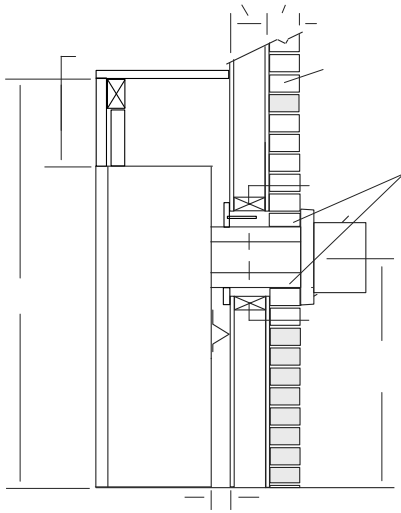
IF STEEL STUD FRAMING KITS WITH CEMENT BOARD ARE PROVIDED, THEY MUST BE INSTALLED.

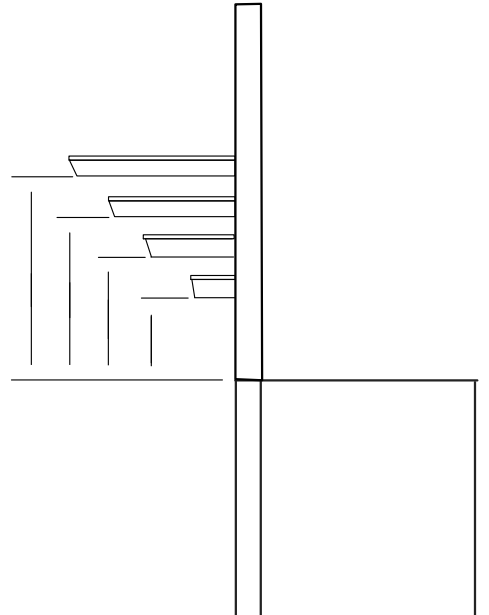
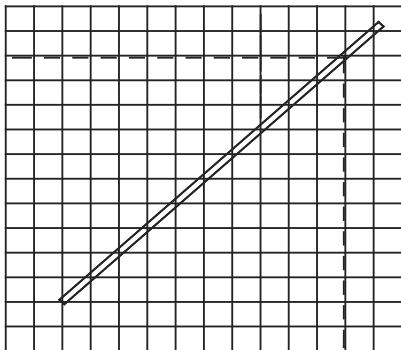
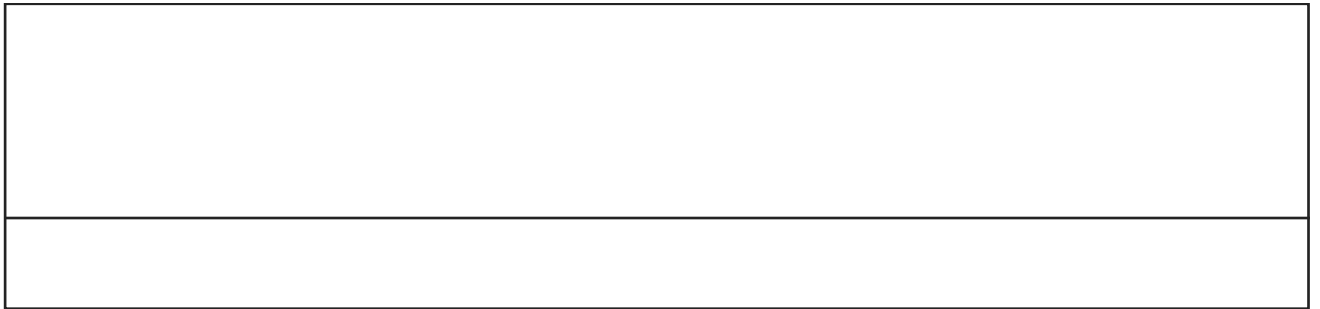
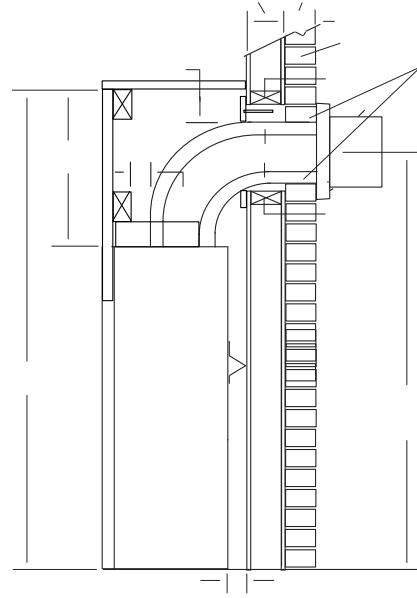
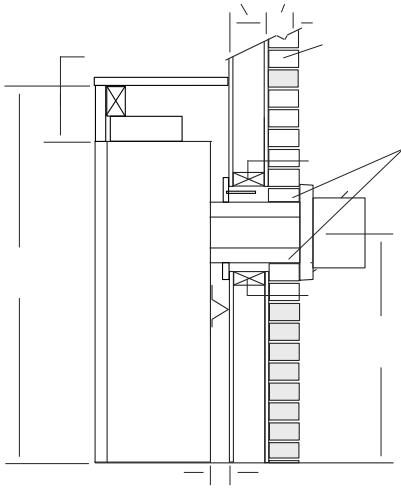


⚠ WARNING

TOP EXIT INSTALLATION SHOWN







! WARNING

RISK OF FIRE!

NEVER OBSTRUCT THE FRONT OPENING OF THE APPLIANCE.

THE FRONT OF THE APPLIANCE MUST BE FINISHED WITH ANY NON-COMBUSTIBLE MATERIALS SUCH AS BRICK, MARBLE, GRANITE, ETC., PROVIDED THAT THESE MATERIALS DO NOT GO BELOW THE SPECIFIED DIMENSION AS ILLUSTRATED. AS AN ALTERNATIVE, YOU CAN FINISH THE APPLIANCE WITH DRYWALL, SEE ILLUSTRATIONS TO FOLLOW.

DO NOT STRIKE, SLAM OR SCRATCH GLASS. DO NOT OPERATE APPLIANCE WITH GLASS REMOVED, CRACKED, BROKEN OR SCRATCHED.

FACING AND/OR FINISHING MATERIAL MUST NEVER OVERHANG INTO THE APPLIANCE OPENING.

72.1

! WARNING

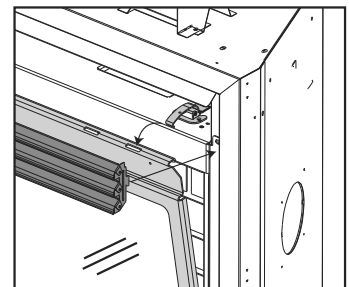
GLASS MAY BE HOT, DO NOT TOUCH GLASS UNTIL COOLED.

THE DOOR LATCHES ARE PART OF A SAFETY SYSTEM AND MUST BE PROPERLY ENGAGED. DO NOT OPERATE THE APPLIANCE WITH LATCHES DISENGAGED.

FACING AND/OR FINISHING MATERIALS MUST NOT INTERFERE WITH AIR FLOW THROUGH AIR OPENINGS, LOUVRES OPENINGS, OPERATION OF LOUVRES OR DOORS OR ACCESS FOR SERVICE. OBSERVE ALL CLEARANCES WHEN APPLYING COMBUSTIBLE MATERIALS.

BEFORE DOOR IS REMOVED TURN THE APPLIANCE OFF AND WAIT UNTIL APPLIANCE IS COOL TO THE TOUCH. DOORS ARE HEAVY AND FRAGILE SO HANDLE WITH CARE.

75.1



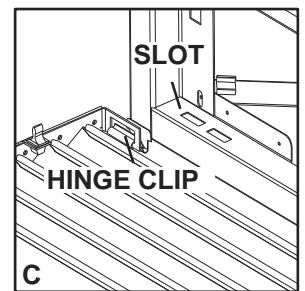
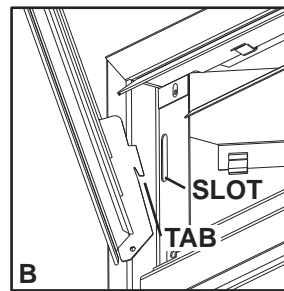
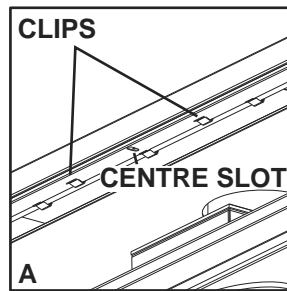
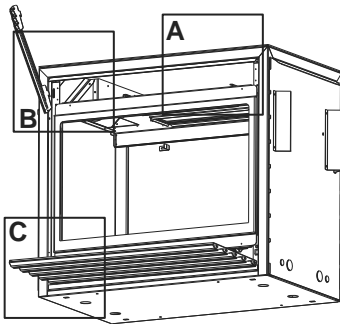
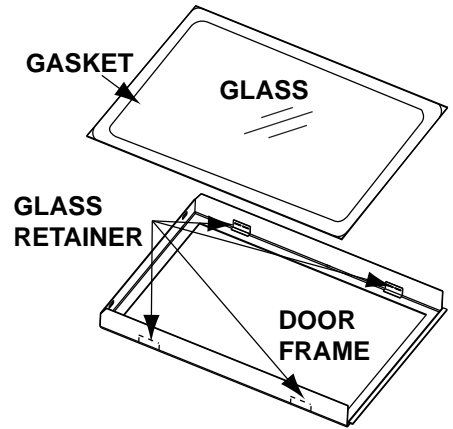
! WARNING

DO NOT USE SUBSTITUTE MATERIALS.

GLASS MAY BE HOT, DO NOT TOUCH GLASS UNTIL COOLED.

CARE MUST BE TAKEN WHEN REMOVING AND DISPOSING OF ANY BROKEN DOOR GLASS OR DAMAGED COMPONENTS. BE SURE TO VACUUM UP ANY BROKEN GLASS FROM INSIDE THE APPLIANCE BEFORE OPERATION.

DO NOT STRIKE, SLAM OR SCRATCH GLASS. DO NOT OPERATE APPLIANCE WITH GLASS REMOVED, CRACKED, BROKEN OR SCRATCHED.

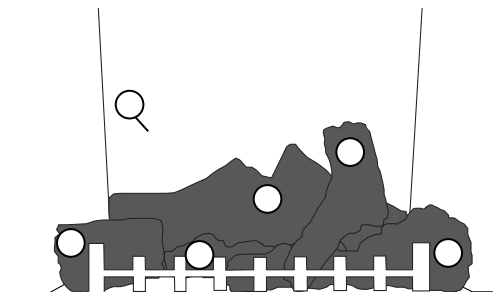
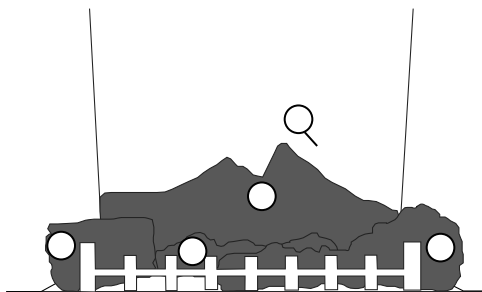
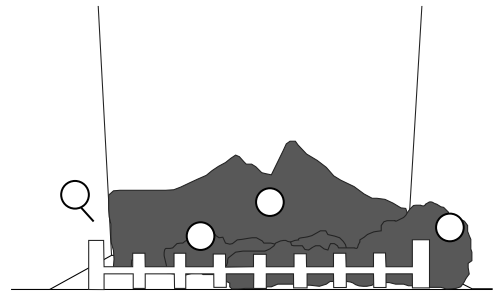
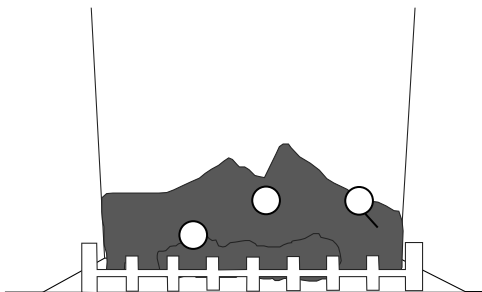
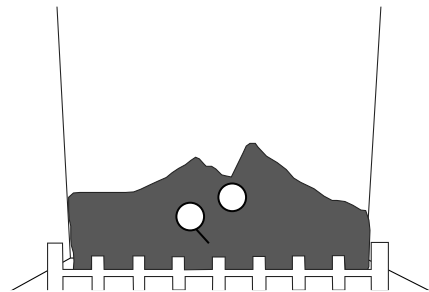
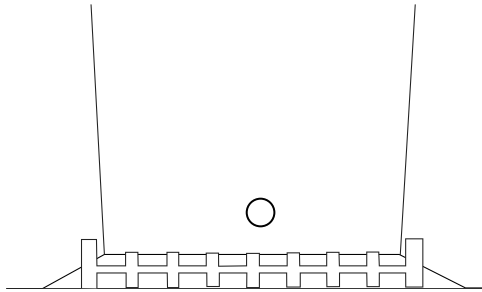


! WARNING

LOGS MUST BE PLACED IN THEIR EXACT LOCATION IN THE APPLIANCE. DO NOT MODIFY THE PROPER LOG POSITIONS, SINCE APPLIANCE MAY NOT FUNCTION PROPERLY AND DELAYED IGNITION MAY OCCUR.

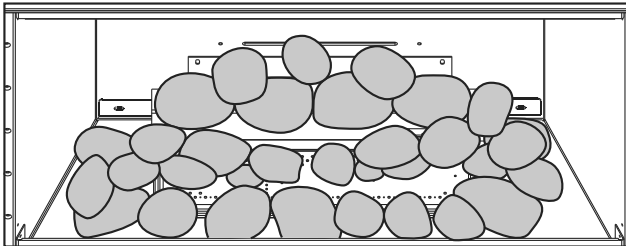
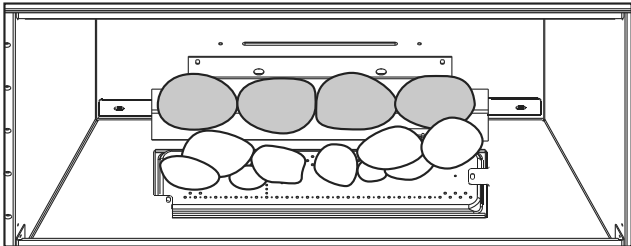
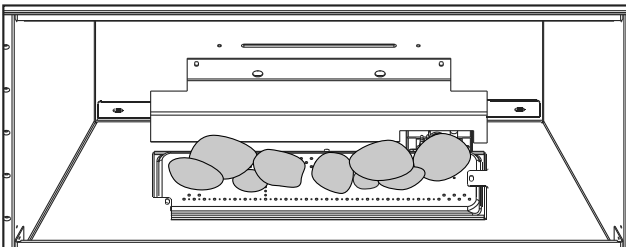
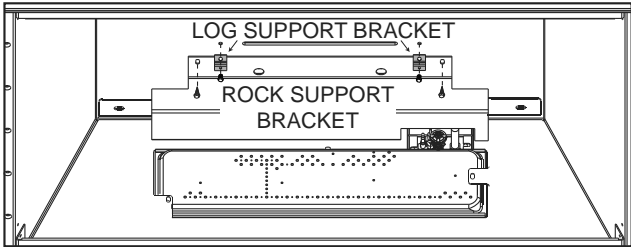
THE LOGS ARE FRAGILE AND SHOULD BE HANDLED WITH CARE.

76.1





! WARNING



! WARNING

RISK OF FIRE AND ELECTRICAL SHOCK.

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THIS APPLIANCE.

USE ONLY WOLF STEEL APPROVED OPTIONAL ACCESSORIES AND REPLACEMENT PARTS WITH THIS APPLIANCE. USING NON-LISTED ACCESSORIES (BLOWERS, DOORS, LOUVRES, TRIMS, GAS COMPONENTS, VENTING COMPONENTS, ETC.) COULD RESULT IN A SAFETY HAZARD AND WILL VOID THE WARRANTY AND CERTIFICATION.

ENSURE THAT THE FAN'S POWER CORD IS NOT IN CONTACT WITH ANY SURFACE OF THE APPLIANCE TO PREVENT ELECTRICAL SHOCK OR FIRE DAMAGE. DO NOT RUN THE POWER CORD BENEATH THE APPLIANCE.

THE WIRE HARNESS PROVIDED IN THE BLOWER KIT IS A UNIVERSAL HARNESS. WHEN INSTALLED, ENSURE THAT ANY EXCESS WIRE IS CONTAINED, PREVENTING IT FROM MAKING CONTACT WITH MOVING OR HOT OBJECTS.

51.5

INSTALLATION TO BE DONE BY A QUALIFIED INSTALLER and must be electrically connected and grounded in accordance with local codes. In the absence of local codes, use the current CSA C22.1 Canadian electrical code in Canada or the ANSI / NFPA 70 National Electrical Code in the United States

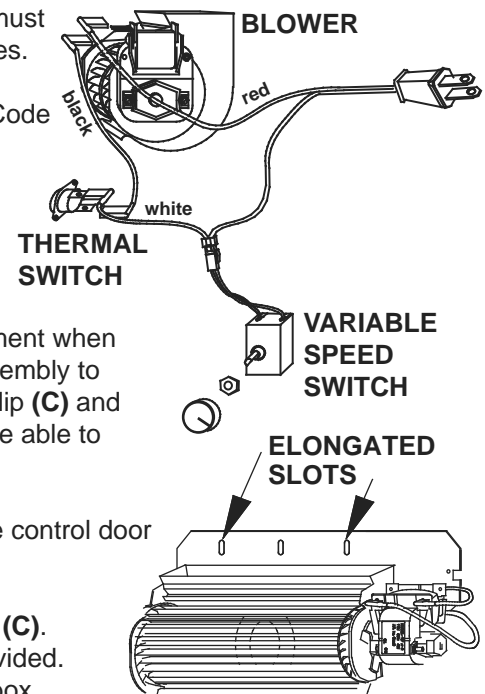
If the appliance was not previously equipped with a blower:

Route a grounded 2-wire, 60hz power cable to the receptacle / junction box. At this point, it must be strain relieved and insulated.

The three slots on the blower mounting bracket allow ease of adjustment when attaching the blower. For a quiet running blower, do not allow the assembly to sit on the firebox base. Slide the vibration reducing pad **(A)** into the clip **(C)** and up against the threaded stud **(B)** at the other end. The blower must be able to be positioned entirely onto the pad.

To ease installation of the blower, remove the hinge screen and valve control door (lower louvres) from the base of the appliance.

Tilt the blower onto its side. Slide it past the controls and into the clip **(C)**. Secure to the threaded stud using the lock washer and wing nut provided. Ensure that the blower does not touch the appliance base or the firebox.

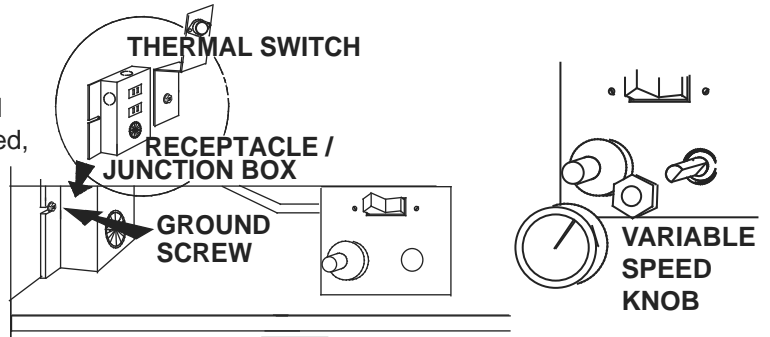


Attach the connectors from the black and white wires to the thermal switch and secure the thermal switch bracket to the bottom left of the unit using the screws provided. Ensure that the thermal switch touches the firebox wall.



Attach the connectors from the black and red wires to the blower.

Attach and secure the variable speed switch using the nut provided. Plug the harness cord into the receptacle. The wire harness provided in this kit is a universal harness. When installed, ensure that any excess wire is contained, preventing it from making contact with moving or hot objects.



Because the blower is thermally activated, when turned on, it will automatically start approximately 10 minutes after lighting the appliance and will run for approximately 30-45 minutes after the appliance has been turned off. Use of the fan increases the output of heat. Drywall dust will penetrate into the blower bearings, causing irreparable damage. Care must be taken to prevent drywall dust from coming into contact with the blower or its compartment. Any damage resulting from this condition is not covered by the warranty policy.

WARNING

IF YOU DO NOT FOLLOW THESE INSTRUCTIONS EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.

ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RUN OUT WITH THE GLASS DOOR OPENED OR REMOVED.

Ensure that a continuous gas flow is at the burner before installing the door. When lit for the first time, the appliance will emit an odor for a few hours. This is a normal temporary condition caused by the "burn-in" of paints and lubricants used in the manufacturing process and will not occur again.

After extended periods of non-operation such as following a vacation or a warm weather season, the appliance may emit a slight odor for a few hours. This is caused by dust particles in the heat exchanger burning off. In both cases, open a window to sufficiently ventilate the room.

FOR YOUR SAFETY READ BEFORE LIGHTING:

- A. This appliance is equipped with a pilot which must be lit by hand while following these instructions exactly.
- B. Before operating smell all around the appliance area for gas and next to the floor because some gas is heavier than air and will settle on the floor.
- C. Use only your hand to turn the gas control knob. Never use tools. If the knob will not turn by hand, do not try to repair it. Call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been under water.

WHAT TO DO IF YOU SMELL GAS:




- Turn off all gas to the appliance.
- Open windows.
- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.




LIGHTING INSTRUCTIONS:

WARNING: The gas valve has an interlock device which will not allow the pilot burner to be lit until the thermocouple has cooled. Allow approximately 60 seconds for the thermocouple to cool.

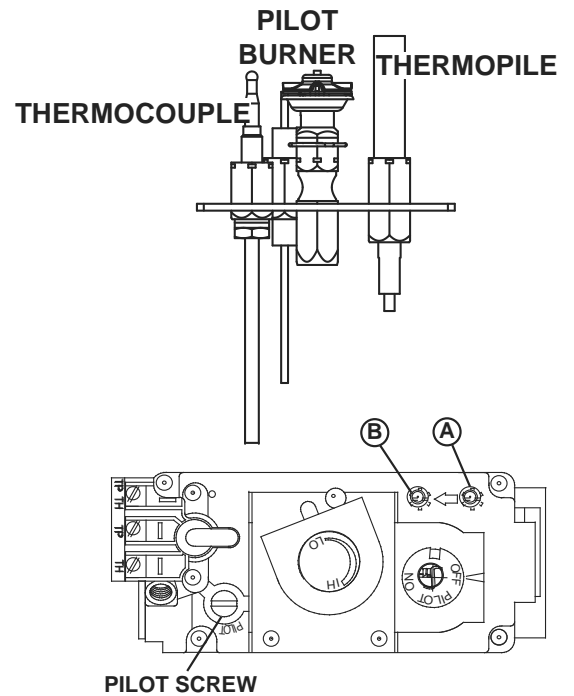
When lighting and re-lighting, the gas knob cannot be turned from pilot to off unless the knob is depressed slightly.

1. Stop! Read the above safety information on this label.
2. Turn off all electric power to the appliance.
3. Turn the gas knob clockwise  to off.
4. Wait five (5) minutes to clear out any gas. If you smell gas including near the floor. Stop! Follow "B" in the above safety information on this label. If you don't smell gas go the next step.
5. Turn gas knob counter-clockwise  to pilot.
6. Depress slightly and hold gas knob while lighting the pilot with the push button igniter. Keep knob depressed for one minute, then release. If pilot does not continue to burn, repeat steps 3 through 5.
7. With pilot lit, depress and turn gas knob counter-clockwise  to on.
8. If equipped with remote on-off switch / thermostat, main burner may not come on when you turn valve to on. Remote switch must be in the on position to ignite burner.
9. Turn on all electric power to the appliance.

TO TURN OFF GAS

1. Turn off all electric power to the appliance if service is to be performed.
2. Push in gas control knob slightly and turn clockwise  to off. Do not force.

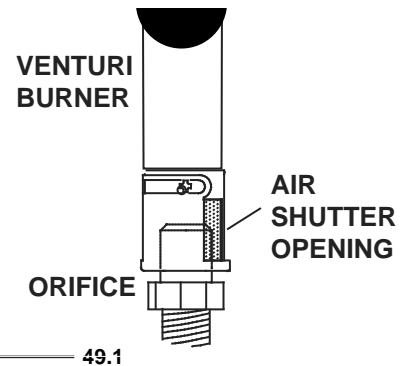
TURN THE CONTROL VALVE TO THE OFF POSITION WHEN HEATER IS NOT IN USE.



This appliance has an air shutter that has been factory set open according to the chart below:

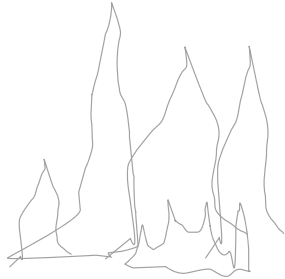
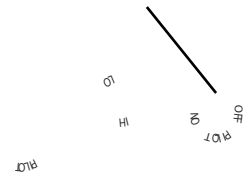
Regardless of venturi orientation, closing the air shutter will cause a more yellow flame, but can lead to carboning. Opening the air shutter will cause a more blue flame, but can cause flame lifting from the burner ports. The flame may not appear yellow immediately; allow 15 to 30 minutes for the final flame color to be established.

AIR SHUTTER ADJUSTMENT MUST ONLY BE DONE BY A QUALIFIED INSTALLER!



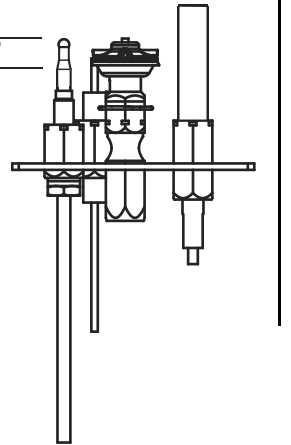
49.1

These settings are for rear vented (maximum) horizontal termination. Adjustment may be required depending on fuel type, vent configuration and altitude.



**FLAME MUST
ENVELOPE UPPER
3/8" TO 1/2" OF
THERMOCOUPLE &
THERMOPILE**

3/8" - 1/2"



! WARNING

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THE APPLIANCE.

APPLIANCE MAY BE HOT, DO NOT SERVICE UNTIL APPLIANCE HAS COOLED.

DO NOT USE ABRASIVE CLEANERS.

 **WARNING**

FAILURE TO POSITION THE PARTS IN ACCORDANCE WITH THIS MANUAL OR FAILURE TO USE ONLY PARTS SPECIFICALLY APPROVED WITH THIS APPLIANCE MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY.

**** THIS IS A FAST ACTING THERMOCOUPLE. IT IS AN INTEGRAL SAFETY COMPONENT. REPLACE ONLY WITH A FAST ACTING THERMOCOUPLE SUPPLIED BY WOLF STEEL LTD.**

REF NO.	APPLIANCE	DESCRIPTION
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REF NO.	APPLIANCE	DESCRIPTION
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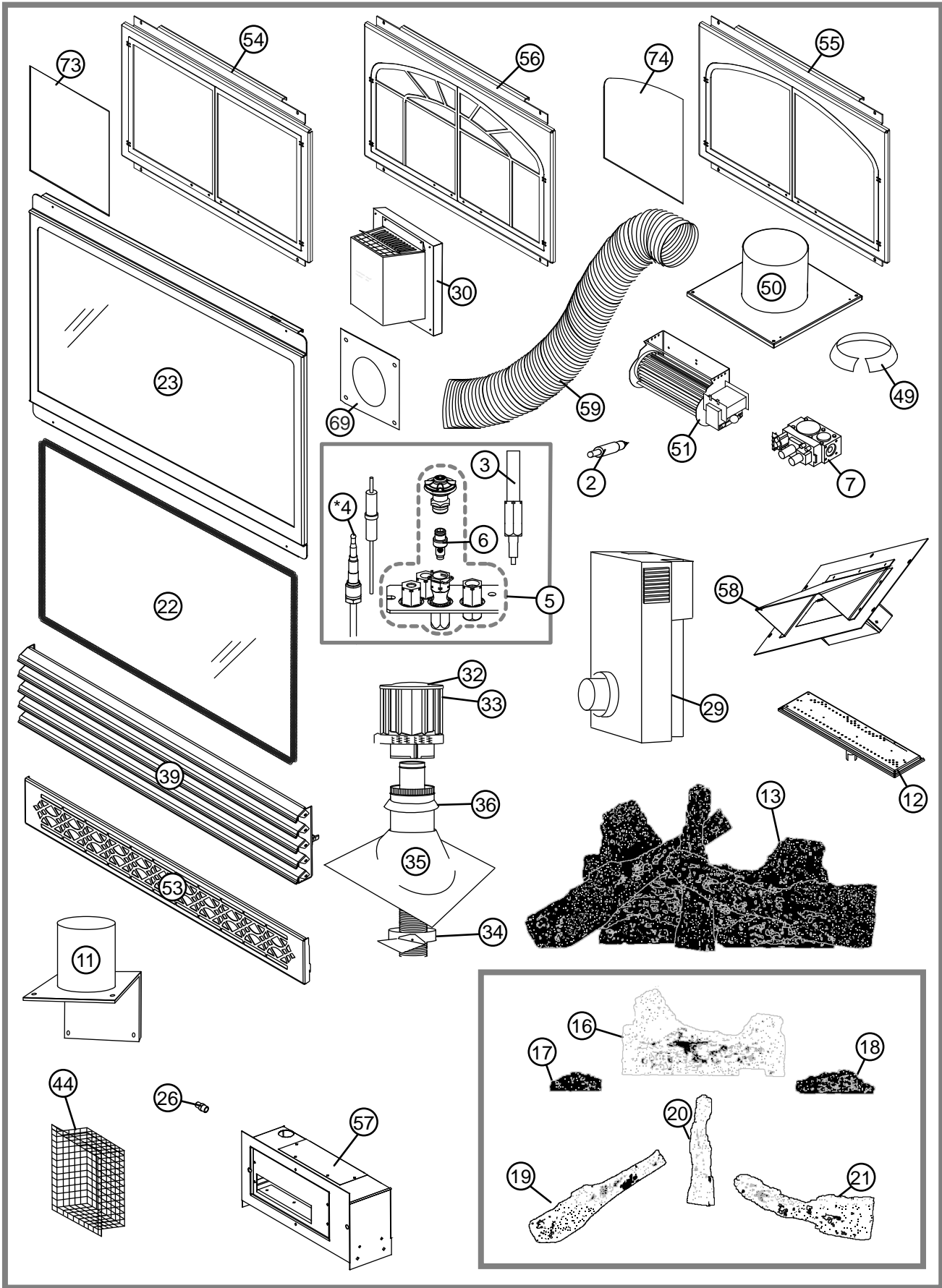
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REF NO.	GD36	BGD36	DESCRIPTION

REF NO.	GD36	BGD36	DESCRIPTION



! WARNING

ALWAYS LIGHT THE PILOT WHETHER FOR THE FIRST TIME OR IF THE GAS SUPPLY HAS RAN OUT, WITH THE GLASS DOOR OPEN OR REMOVED.

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THE APPLIANCE.

APPLIANCE MAY BE HOT, DO NOT SERVICE UNTIL APPLIANCE HAS COOLED.

DO NOT USE ABRASIVE CLEANERS.

SYMPTOM

PROBLEM

TEST SOLUTION

SYMPTOM

PROBLEM

TEST SOLUTION

