

TECHNICAL DATA SHEET

Single Wall Special Gas Vent



SWG

PRODUCT LINE

SWG – Single Wall Special Gas Vent



APPLICATIONS

- Designed specifically for the condensing boiler market where ease of assembly, overall time invested, and price are the main objective
- Single Wall Special Gas Vent in 3"-12" diameters use a gasket to seal the male-to-female joint and is secured by a locking band on the outside
- The design changes for 14"-48" diameters and uses an over lapping male-to-female joint with an added external 1/2" rolled flange and vee band connection to secure it
- For use with temperatures not exceeding 550°F continues and pressures not exceeding 20" WC

UL and ULC LISTINGS

1. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III, & IV (ULC-S636 Standard for type BH Gas Venting Systems)
2. Class IIC & IIB – PP (Polypropylene), CVPC, and/or PVC applications at 230°F and/or 194°F maximum flue gas temperatures and zero clearance to combustibles

FEATURES

- All stainless-steel construction with a Limited Lifetime Warranty
- Assurance of the finest quality and reliability
- Quick and easy installation
- Patent Pending field cutable length for maximum flexibility during installation

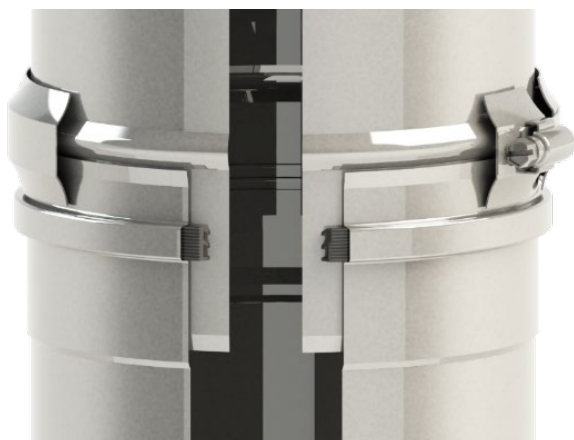


MATERIALS

- Inner liner made of UL-1738 Listed corrosion resistant high-grade stainless steel
 - 3" through 12" = 0.020" thick 316L or 444 stainless steel
 - 14" through 36" = 0.035" thick 316L or 444 stainless steel
 - 38" through 48" = 0.048" thick 316L stainless steel
- Seal System
 - 3" through 12" = Male-to-female with 3-ribbed gasket
 - 14" through 48" = Siliconed flange protected behind overlapping male-to-female inner
- All Supports and accessories are stainless steel

CONNECTION/INSTALLATION DETAILS

- 3" through 12"
 1. Lube the gasket on the female end
 2. Insert the male into the female
 3. Push joint together
 4. Slide Locking Band over beads and tighten
 - Industry leading 2.28" overlapping joint keeping flue gases away from gasket
- 14" through 48"
 1. Apply silicone to the rolled flange
 2. Insert the male into the female
 3. Push joint together
 4. Install and tighten the vee band
 5. Slide outer Locking Band over matching grooves and tighten
 - Industry leading 1.25" overlapping joint keeps flue gasses away from the siliconed flange connection



TECHNICAL DATA SHEET

Single Wall Special Gas Vent

SWG

PRODUCT LINE

SWG – Single Wall Special Gas Vent

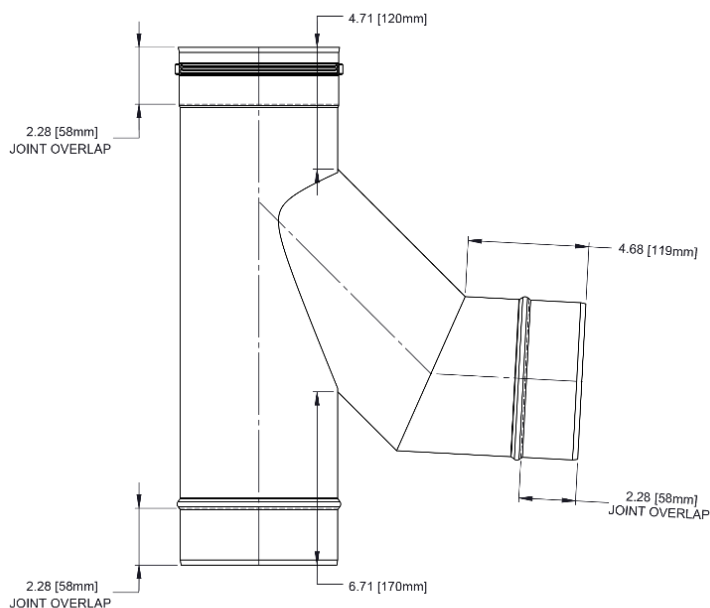


SPECIFICATIONS

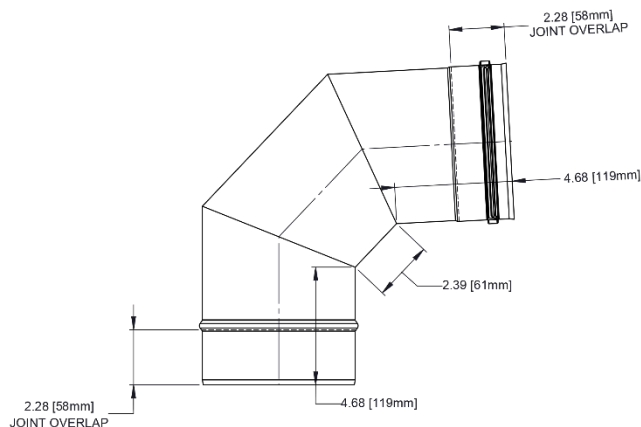
| | |
|------------------------------|---|
| Diameters | 3", 4", 5", 6", 7", 8", 9", 10", 11", 12", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", & 48" |
| Available Lengths | 9", 12", 18", 24", 30", 36", 42", & 48" (or any fixed length between) *Maximum Length for 18" and above is 36" |
| Available Fittings | Any elbow or tee, over 40 catalog fittings per each diameter |
| Available Accessories | All-stainless supports, guides, hangers, & adapters – over 20 accessories per each diameter |

CONTROLLING DIMENSIONS

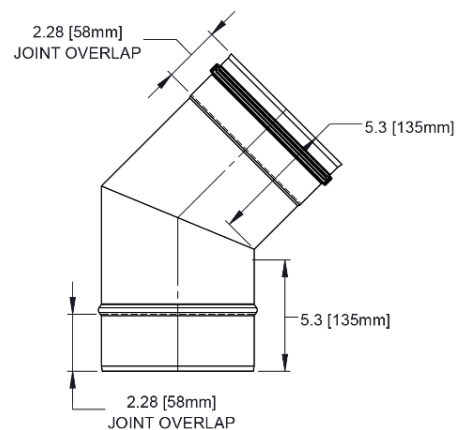
- Shows the minimum (and standard) inside gore dimensions for fittings
- Use these dimensions when ordering any special or custom part
- Jeremias encourages custom built items to provide the best solutions to our customers



87° BOOT TEE



87° ELBOW



45° ELBOW

