

TECHNICAL DATA SHEET

Double Wall All Fuel Exhaust System

DWAF

PRODUCT LINE

DWAF - Double Wall All Fuel Exhaust System

APPLICATIONS

- Boiler Stack for commercial/industrial boilers or appliances that do not exceed 1400°F flue gas temperatures
- Special Gas Vent for condensing boilers and water heaters



PURPOSE

- Fiber insulated for man-safe skin temperatures at 600°F flue gas temperatures
- Fiber insulated for zero clearance to combustibles (vertically) on condensing appliances
- Easiest and Fastest joint assembly on the market using innovative and industry first technology
- No vee bands means faster and easier installation

UL AND ULC LISTINGS

1. UL-103 Standard, Building Heating Appliance Chimney (Industrial Type 540°C Chimney)
2. UL-103 Standard, additional Type HT Listing
3. UL-2561 Standard, 1400°F Chimney Listing (Industrial Type 760°C Chimney)
4. UL-1978 Standard, Grease Duct (ULC-S662 Standard for Factory-Built Grease Ducts)
5. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III & IV (ULC-S636 Standard for Type BH Gas Venting Systems), with 20" WC Pressure Listing
6. UL-441 Standard, Gas Vents (ULC-S605 Standard for Gas Vents)
7. UL-641 Standard, Type L Low-Temperature Vent (ULC-S609 Standard for Low-Temperature Vents Type L)

MATERIALS

- 444 or 316L stainless steel inner liner
- 1 ½" thick 8 PCF ceramic fiber insulation compressed into a 1 ¼" space
- 304 stainless steel outer jacket
- All supports and accessories are stainless steel

CONNECTION/INSTALLATION DETAILS

2.2" overlapping joint with Patent-Pending light-weight technology, and double female socket permitting fastest alignment/installation on the market

1. Use supplied silicone sealant to make the complete seal
2. Push the male/female ends together
3. Install the outer locking band to ensure correct engagement

FEATURES

- Factory CAD designs for installation ease
- 100% Stainless Steel with maintenance-free Limited Lifetime Warranty



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SPECIFICATIONS

Diameters	6", 7", 8", 9", 10", 11", 12", 13", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", & 36"
Available Lengths	9", 12", 18", 24", 30", 36", 42", & 48" (or any fixed length between)
Available Fittings	Any elbow or tee, over 80 catalog fittings per diameter
Available Accessories	All-stainless supports, guides, hangers, & adapters - over 25 accessories per diameter

STAINLESS MATERIAL OPTIONS

- DWAF: 444 or 316L stainless inner, 304 stainless outer jacket
- DWAF-AE: 444 or 316L stainless inner, 409 stainless outer jacket

CONTROLLING DIMENSIONS

- Shows 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

