

# TECHNICAL DATA SHEET

## All-in-One Exhaust, Chimney, or Vent



## DWFL

### PRODUCT LINE

DWFL - All-in-One Exhaust, Chimney, or Vent

### PURPOSE

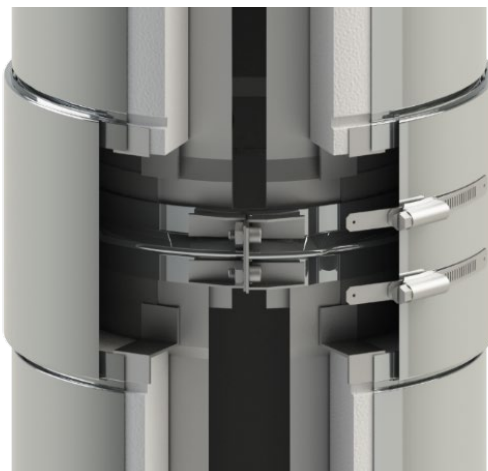
- The fusion of world-class DWKL Conical Exhaust and USA flanged pressure stack systems.
- Only flange system with continuous overlapping inner, as flange is added to outside of inner pipe.
- Most rugged and easiest to install flange system, yet most reliable as the inner overlap protects the silicone seal against condensate and high-pressure washings.

### APPLICATIONS

- Stainless steel all-in-one chimney, vent, or exhaust system for condensing and non-condensing appliances, engine and CHP exhaust piping, kitchen exhaust ducts, fireplace chimneys, dryer vents, fume venting, ovens, process stacks, and paint booth exhaust.
- Applicable for all fuels: gas, oil, and solid fuels including wood.

### MATERIALS

- Inner liner made of high-grade 316L or 444 stainless steel
  - 6" through 36" = 0.035" thick
  - 38" through 48" = 0.048" thick
- Air space insulation at 1.25"
- Outer jacket made of 304 stainless steel
  - 6" through 24" = 0.025" thick
  - 26" through 48" = 0.035" thick
- All supports and accessories are stainless steel



### UL and ULC LISTINGS

1. UL-2561 Standard, 1400F Chimney Listing (ULC/ORD-C959 Industrial Type 760 C Chimney)
2. UL-103 Standard, Building Heating Appliance Chimney (Industrial Type 540°C Chimney)
3. UL-1978 Standard, Grease Duct (ULC-S662 Standard for Factory-Built Grease Ducts)
4. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III & IV (ULC-S636 Standard for Type BH Gas Venting Systems)
5. 90" W.C. Pressure Listing for all Applications

### CONNECTION/INSTALLATION DETAILS

- Inner connection is a 1.25" conical overlapping joint with added ½" rolled flange and vee band connection
- Supplied sealant is used in the vee band to make seal
- Blanket insulation and outer band competes the joint assembly

### FEATURES

- All-stainless with a Limited Lifetime Warranty
- Leak Proof high-pressure joints
- All supports are stainless steel
- Smooth flow and known resistance for perfected factory pressure calculations
- Low and skin-safe temperatures and dramatically reduced clearance to combustibles



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#### SPECIFICATIONS

<b>Diameters</b>	6", 7", 8", 9", 10", 11", 12", 13", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", & 48"
<b>Available Lengths</b>	9", 12", 18", 24", 30", 36", 42", & 48" (or any fixed length between) *Maximum Length for Ø18" and above is 36"
<b>Available Fittings</b>	Any elbow or tee, over 80 catalog fittings per each diameter
<b>Available Accessories</b>	All-stainless supports, guides, hangers, adapters - over 25 accessories per each diameter
<b>Insulation Thickness</b>	1.25" air space

#### 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

