

# Technical Data Sheet

## All-In-One Single Wall Exhaust

### SWFL

#### Product Line

SWFL – Single Wall Flanged Joining Pipe & Fittings



#### Purpose

The fusion of world class SWKL Conical with 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 exhaust, chimney or vent for condensing and noncondensing appliances, engine and CHP exhaust piping, kitchen exhaust ducts, chimney liner, dryer vents, fume venting, coffee roasters, ovens, process stacks, and paint booth exhaust.

Applicable for all fuels: gas, oil, and solid fuels including wood.

#### Materials

- Ø6" through Ø36"  
0.035" thick, high-grade 444 stainless steel
- Ø38" through Ø48"  
0.048" thick, high-grade 316L stainless steel
- All supports and accessories are 304 stainless steel



#### UL Listings (and ULC)

- UL-103 Standard, Building Heating Appliance Chimney (Industrial Type 540°C Chimney)
- UL-103 Additional Positive Pressure Listing to 90" WC
- UL-1978 Standard, Grease Duct (ULC-S662 Standard for Factory-Built Grease Ducts)
- UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III & IV (ULC-S636 Standard for Type BH Gas Venting Systems)
- UL-1777 Standard, Chimney Liners (ULC-S605 Standard for Lining Systems for Chimneys)

#### 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.

#### Features

- Extremely rugged and made of all-stainless with 25-year warranty.
- Leak proof high pressure joints.
- All components are stainless steel.
- Smooth flow and known resistance for accurate factory pressure calculations.

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### Product Specifications

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Diameters	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
Available Lengths	9", 12", 18", 24", 30", 36", 42", & 48" (or any fixed length between) *Maximum Length for Ø18" and above is 36"
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

### Controlling Dimensions

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

