

# Technical Data Sheet

## Subduct Riser

### SR

#### Product Line

SR - Subduct Riser



### Applications

Typical uses include clothes dryer exhaust, kitchen hoods, and bathroom exhaust in multistory commercial buildings.



### Purpose

Stainless steel Subduct riser eliminates the need for fire and smoke dampers in commercial multistory buildings. This is achieved by using a Subduct inside the main vertical duct that rises 22 inches vertically.

### UL Listings (and ULC) & Certifications

- UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III & IV (ULC-S636 Standard for Type BH Gas Venting Systems)
- Compliant to IBC 2006, Section 716.5

### Clearance to Combustibles

Zero clearance to combustibles for all diameters when installed vertically for Class IIC and IIB venting temperatures not exceeding 230°F.

### Materials

- Made of special ferritic high-grade ASTM 444 stainless steel.
  - 3" through 16" = 0.020" thick
  - 18" through 36" = 0.035" thick

Less cost variations using 430 or 304 stainless steel available upon request.

### Connection / Installation Details

Conical 2.2" overlapping joint.

Requires tapping to fully engage.

Use KL-Paste, a ceramic and mineral oil based manufacturing paste, to help facilitate an easy engagement.

Does not use silicone or sealant to make the high pressure seal.

### Features

- All-stainless with 25-year warranty
- Leak proof conical high pressure joints
- Cut length available for maximum field flexibility
- Smooth flow and known resistance for perfected factory pressure calculations

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### Product Specifications

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<b>Diameters</b>	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, & 36
<b>Available Lengths</b>	9", 12", 18", 24", 30", 36", 42", & 48" (or any fixed length between)
<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

