Technical Data Sheet Subduct Riser

SR

Product Line SR - Subduct Riser





Applications

Typical uses include cloths dyer exhaust, kitchens 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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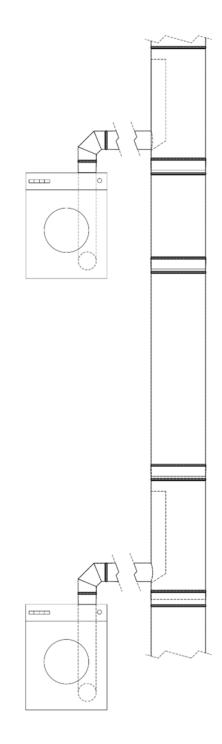
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Product Specifications

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Diameters	3, 4, 5, 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 each diameter
Available Accessories	All-stainless supports, guides, hangers, adapters, over 25 accessories per each diameter







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