

Specification

Telescopic Arm

The (34 in.-5 ft.) Telescopic Fume Extractor Arm shall have a 360° swivel elbow, a support flange, internal support, sliding pads, preset joints with wear discs that can be adjusted if required, PVC reinforced nylon hose (6 ¼ in.), aluminum hood (12 in. diameter), balancer, optional quiet damper with positive seal, optional light package available for hood, and counter flange for 6 in. ventilation duct. The Telescopic action shall be adjusted externally with the balancer.

Proceeding from the swivel elbow to the hood, the joints are described as follows: 1) Swivel elbow 360° (180° when the Fume Extractor Arm is wall mounted), 2) a vertical friction joint with a range of 170°, and 3) a four-way friction joint, 180° + 220°, at the hood. The (34 in.-5 ft.) Fume Extractor Arm shall have a total reach (from the center point of the Extractor Arm outlet to the outer edge of the hood of 5 ft. 2 in.)

The material structure of the Telescopic Fume Extractor Arm shall consist of the following: Hood is made of aluminum alloy, designated SS4007 A199.5 or SS4010 A199; the Suspension ring shall be made of diecasted, (AlSi₉Cu₃), ASTM B26 (B179): SC84A; the optional damper shall be made of zinc-coated steel (IS02081); the 1 ¾ in. square Internal Tube shall be zinc-coated steel; the second & third Internal Tubes (1 3/8in. square and 1 in. square, respectively) shall be aluminum extruded, designated SS4104, AlMgSiO₅; the Tube Bend and Flange shall be made of aluminum diecasted, SS4252, AlSi₉Cu₃; the Friction Discs shall be made of brake lining material (asbestos free); the Hose shall be made of a polyamide laminated with PVC internal & external & supported by a spirally wound steel wire helix; the Decor Ring shall be made of EPDM rubber; the Elbow Swivel Gasket shall be made of PVC; the Friction Discs in the Hood shall be made of phenolic plastic; sliding pads are comprised of polyoximethylene (POM), designated UL 94-H