

Specification

Mini Extractor Arm

The Nederman Mini Fume Extractor Arm shall consist of a base and table mount, arm piece, locking washer joints, adjustment knobs, and internal suspension ring. The Mini Extractor is intended for table mount but a separate angle bracket can be ordered for wall mounting or ceiling mounting.

The base is constructed of polypropylene and has four screws M6, hole graduation 5.15 in. X 3.15 in. The connecting diameter of the outlet is 3 inches.

The arm piece shall be constructed of polypropylene. The two longer sections (inner and outer) and two shorter sections (inner and outer) are made up of two halves of molded polypropylene. The two longer sections which make up the middle section of the arm has a length of 21.65 in. And the two shorter sections, which make up the ends of the arm, have a length of 9.84 in. All sections have an inner dimension of 3 in. X 1.6 in. The long sections have two galvanized screws (dia 0.20 in.), centrally placed to ensure a tight fit of the two halves. The arm is also fitted with an internal slot of optional lighting wire.

Two washer halves of polypropylene, which are fastened to the base by four galvanized plastic screws (dia. 0.20 in.), secure the suspension of the unit to the base when mounted in either the hanging position or table top position. The unit consists of three friction joints each one comprising: galvanized wing nut M8 x 4.73 in. with a washer (dia 0.34 in.) and self locking nut, adjustment knob made of polypropylene, rubber o-ring (dimension 2.6 in. X 0.14 in.), a washer and nut are placed in the adjustment knob's hexagonal center hole.

Internally situated beside the joint found at the union on the inner short arm and the inner long arm, there is a torsion spring of galvanized wire (dia. 0.14 in.). The spring has twelve turns with an outer (dia. 0.98 in.). When delivered the spring is in position for standing installation.

Optional hood connects to the outer arm's flange groove and can be rotated 360 degrees. A damper is standard and located on the outermost section of the arm. The damper blade is injection molded, polypropylene constructed.