



Technical Data:
Exhaust Arms

**TECHNICAL
INFORMATION**

PROJECT: _____
LOCATION: _____
ARCHITECT: _____
ENGINEER: _____
SALES ENGINEER: _____
DATE: _____

www.monoxivent.com

info@monoxivent.com

309-794-1000

Page: WSC-1

TECHNICAL DATA: EXHAUST ARMS

DESCRIPTION:

The Source Capture Flex Arms are internally supported and consist of four adjustable pivot joints on each arm. The flex arm is a vertical movement type with the ability to swivel from 180 to 360 degrees, depending upon the mounting brackets selected and the way the arms are positioned. Each arm consists of an all internal support structure, weld-proof hose, mounting brackets, and a collection hood. The Source Capture Arms are complete and shipped ready for assembly and mounting. Final arm adjustment is to be completed after installation.

CONSTRUCTION:

The internal support structure of the arm is constructed of tubular aluminum for both the 6" and 8" arms. The mounting brackets are of heavy gauge epoxy painted steel with special lubricated nylon rings and bearings. Each pivot point utilizes the special friction disk pads for tension settings. This allows the arm to be set at the best tension, allowing the unit to be user-friendly and for the arm movement to be kept simple. The extraction hose is fiberglass coated with flame retardant vinyl. The vinyl/fiberglass fabric has a supporting wire helix of vinyl coated spring steel permanently bonded for a continuous, uninterrupted inner and outer surface. The hose is rated for 275 to 300 degrees.

CAPTURE HOOD FOR 6" DIAMETER ARM:

The extraction hood is constructed of high quality, impact resistant, high temperature polycarbonate/PVC material. The hood's standard features include a handle, damper, and knock outs for optional switches. The hood opening is a 12" oval design and offers both horizontal and vertical movement.

CAPTURE HOOD FOR 8" DIAMETER ARM:

The extraction hood is made of high quality 20 gauge stainless steel. The hood is supplied with a positioning handle and is formed into a tapered cone design. The hood opening is a 12" oval design and offers both horizontal and vertical movement. The hood includes a screen.

HARDWARE:

The arm is supplied with all the necessary hardware. The supplied hardware uses nylon locking nuts to assist in holding tension and allows for slight adjustments to the pivot point joints, thus creating easy and quick joint changes and settings. Hardware, provided by others, is required to mount the arm and mounting bracket to a wall or column.