

# Clean Sweep Accessory



**Clean Sweep Accessory** provides an inexpensive maintenance solution by adding a hi-vac wand for cleanup, to a low-vac dust collector.

## Camfil Farr Clean Sweep

**Purpose:** To remove fugitive dust from around the dust collector / work area and send it to the dust collector.

**Description:** A vacuum hose system which uses a pneumatic vacuum pump to draw the dust into the dust collector. The pump is powered by the same compressed air line which cleans the dust collector filters. The vacuum pump has venturi nozzles, which creates a vacuum of up to 40" w.g. when the compressed air is applied. The dust is drawn into the inlet of the dust collector before the channel baffles so that large objects will not contact the filter media. A shut-off valve is mounted in the hose so that the Clean Sweep system is isolated from the dust collector when not in operation. A shut-off valve is also mounted to the vacuum pump so that the compressed air is only used when the system is in operation. The system includes a floor sweep and crevice nozzle.



**Venturi Vacuum Pump** shut off valve and hose, make up the Clean Sweep System.

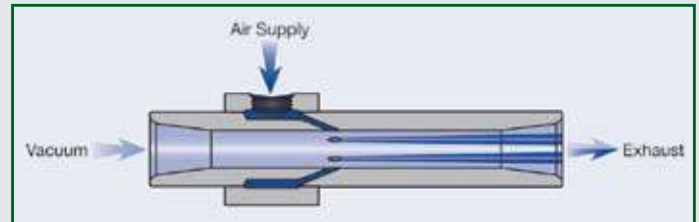


Camfil Farr APC	Product Sheet
Clean Sweep Accessory	
SAFE AIR FOR A SAFE WORK ENVIRONMENT	

# Clean Sweep Accessory

## Principles of Operation:

Compressed air is fed into an exterior annular ring that has a number of orifices leading into the main tube of a transducer. As the compressed air exits from the orifices, its velocity increases to supersonic speed. The air forced into the center of the tube rotates with a twisting motion similar to a worm screw. This cyclonic flow creates a powerful vacuum capable of drawing materials into and through the transducer. As a vacuum source, the Clean Sweep is capable of rapid evacuation of a large volume of air to a low vacuum level.



**NOTE: Minimum Field Requirements: 90 psig air supply, 3/8" NPT connection.**

## Features:

- 40" water gauge (w.g.) vacuum @ 90 psig compressed air
- Powered by existing air supply, no extra electrical required
- Easy installation
- Can be installed on any dust collector
- Maintenance free
- Includes 25 ft. long flexible hose plus floor sweep and crevice nozzle

## The Pneumatic Vacuum System Kit Consists of:

- Pneumatic vacuum pump – uses 55cfm of 90psig compressed air when running
- Hose hanger
- 25 ft. flexible hose
- 12 ft. flexible hose (between hose hanger and inlet, cut length to fit)
- Vacuum hose shut-off valve
- Compressed air shut-off valve
- Aluminum floor sweep
- Crevice nozzle
- Inlet flange with hose connection
- Includes all required hardware

  
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AIR POLLUTION CONTROL