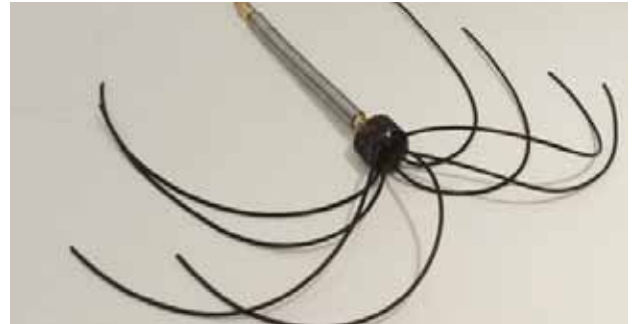


PRODUCT HIGHLIGHTS

- Great Vertical Penetration
- Efficient One-Pass Cleaning
- Push-n-Pull Configuration
- Strong and Durable Design



As a part of the Carlisle HVAC **ISAAC™** (Inspection, Sealing and Advanced Cleaning) family, Magnum™ is designed to complement HVAC robotics for proper and effective cleaning of branch lines being 8" down to 2½" in diameter. It overcomes all known shortcomings of existing solutions and is bundled into a compact package suitable for the cleaning of any hard surface horizontal and vertical duct – including dryer vents.

It is truly the most effective solution for cleaning small ducts according to NADCA standards. The process uses either a HEPA filtered- or truck mounted negative air machine that captures all the agitated dust and debris into a collector bin.

TECHNICAL DESCRIPTION

Each Magnum™ Kit includes both a flexible neck push and a pull Octowhip, ten rods, a valve hose, an air control valve, a 2½" drill bit, 200 access hole plugs and 16 replacement whip tubes (elements).

The whip agitation is driven by compressed air where the proper pressure range is 135 psi (not very aggressive) to maximum 200 psi (very aggressive) and an air flow of 8 to 50 cfm. For very good results most users apply 175 psi and at least 8 cfm. Note that high pressure and low air flow are better than low pressure and high airflow.

The wide and random cleaning pattern is the industry's most effective way to properly agitate dust and debris allowing for complete removal. Furthermore, a larger access opening now allows proper cleaning below and around the entry point.

FEATURES AND BENEFITS

- Superior Duct Penetration
- Tangle Free Whips
- Wide Agitator Pattern
- Random Agitator Pattern
- Replaceable Whip Tubes
- Whips Remain Flexible
- Properly Clean Entry Points
- Cleans Duct Entry Points
- Caps Seal Openings

APPLICATIONS

- Duct Branch Lines
 - Push Cleaning
 - Pull Cleaning
- Removes Dust and Dirt in Construction Areas

SPECIFICATIONS

Rod Length	5 ft
Rod Connector	Standard Snap-On Duct Cleaning
Rod Configuration	10 Rods (50ft)
Valve Standard	Press Valve Duct Cleaning
Forward Cleaning	Flexible Push Whip (patent pending)
Reverse Cleaning	Flexible Pull Whip (patent pending)
Whip Head Configuration	8 Whips in Connected Half-Shells
Whip Head Diameter	2 in.
Drill Bit	2.5 in.
Access Plug Diameter	2.5 in.
Valve Hose Length	6 ft
Air Pressure	135 psi to 200 psi
Air Flow	8 cfm to 50 cfm
Access Plugs	200

