

PRODUCT HIGHLIGHTS

- Vertical HVAC Robot
- Video Supported Sales
- HVAC Duct Remediation
- Energy Saving Benefits

A member of the Carlisle HVAC **ISAAC™** (Inspection, Sealing and Advanced Cleaning) family, the standard VertiBot™ is an easily manageable robot for the remediation of vertical ducts and shafts from 6" up to 48" in diameter. For larger size ducts and shafts please contact us for a custom VertiBot™ solution. No vertical duct or shaft is too large, high or difficult.

The VertiBot™ comes with a camera supported by an abundance of light for high quality digital video recording. Personal computer software is included for job documentation of pneumatic cleaning and airless-sprayer driven application of chemicals to coat and seal HVAC ducts or shafts from the inside.

This cost-effective combination of features, flexibility, and ease-of-use, offers an excellent opportunity for complete HVAC remediation paid for by energy savings.

TECHNICAL DESCRIPTION

The VertiBot™ is designed to clean, coat, disinfect, sanitize and seal all types of vertical ducts and shafts from 6" x 6" up to 48" x 48" in a single pass. All cleaning and chemical application kits have quick disconnect hardware allowing fast setup and teardown times. The standard configuration comes with rotating whips, rotating sprayer or both. ISAAC's Sealant Delivery System is used to deliver sealant to the VertiBot™. The standard spray tip assembly is used for ducts up to 36" x 36" and a custom spray boom assembly is used for larger ducts or shafts. Non standard variants of the VertiBot™ cleans and spray up to 45 floors and 108" x 72" ducts and shafts.



FEATURES AND BENEFITS

- Clean Vertical Shafts/Ducts
- Seal Vertical Shafts/Ducts
- Very Easy-to-Use
- Simple Configuration
- Up to 200 Foot Range
- Digital Video Recording
- HD Video Recorder Option
- HVAC Duct Remediation
- Cleans Existing Surface
- Seals Air Leakage and Loose Fiberglass
- Coats Insulated Ductwork

SPECIFICATIONS

Total Weight	23 lbs
Robot Size	10 x 5 x 3 in.
Robot Weight	7 lbs
Remote Size	3 x 10 x 2 in.
Remote Weight	1.0 lb
Camera	1/3 in. Color 510 x 492 Pixels
CCD Light Rating	0.5 Lux at F1.2
LCD Display	480 x 234 Pixels
Video Output	1 x 0.75 VP-P ~ 1VP-P, RCA, Composite NTSC
Video Storage	2 GB SD card
System Lights	4 Dimmable LEDs
Max. Light Intensity	260 Lumens
LED Life Span	50,000 hrs
Standard Tether	100 ft
Power	220/120 VAC 50/60 Hz
Storage Temperature	-30 to 60 °C
Operation Temperature	-10 to 45 °C
Maximum Relative Hum.	90%



DUCT CLEANING KIT

Clean Any Type Of Ducts	Rotating Air Whips
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SPRAY APPLICATION KIT

For Any Duct Type/Profile	Rotating Sprayer
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