



# AIRBOT ONE

## Robot Air Duct Cleaner



Now say GOOD BYE to Manual Duct Cleaning systems



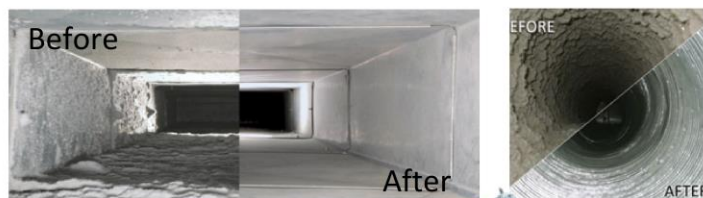
It is very essential to control the air quality in the environment where we live and work, similarly the one we breathe. In most of the centrally air conditioned buildings Air Ducts are generally very dirty due to which air gets contaminated, above all we are unable to see what is the situation inside the ducts. Duct Cleaning in India is highly unorganized sector which is highly labor oriented and not hygienic.

Contaminated air directly affects our health, we suffer in form of diseases like Sneezing, Running Nose, small respiratory problems and on later stages it takes the shape of high intensive Chronic diseases.

### Applications

#### Duct Inspection | Duct Cleaning | Duct Coating

Fully Automatic | Real Time Camera Navigation  
Live Recording | Latest Software | Use your own Laptop | Use from 7" to 30 inch size ducts | Safe...



High Eff. Vacuum Cleaner for Dust Extraction



Imagine Life like this cop when you are at Home

### SPECIFICATIONS

Robot weight	5.75 Kg / 12.65 Lbs
Robot measurements (LxWxH)	10" X 6.75" X 6.5"
Camera Angle of vision	170 Degrees
Number of cameras	2 (front and back)
Electrical wire and air hose	100'
Electrical wire and air hose All in	1 wire
Laptop Connectivity	Compatible with all Windows and Mac Pcs with USB connectivity
Recording software (One Seat provided)	Debut NCH Software
Robot wheels	Aluminium 7075
Traction and friction of robot	Timing belt
Lights	4 Leds lights adjustable
Hardcase	Nanuk 935
Hardcase Authorized as a carry-on by airlines	Yes
Voltage	110V 60Hz with 220 converter
Pressure regulator	0 - 160 Psi
Pneumatic motor	0 - 90 Psi 2700 RPM Max
Audio	Microsoft micro
Set of nozzles and whips Model	AL-8FO-12 and AL-3FO-12
Set of compressed air rotary brushes Model	BR1 and BR2

For More details Contact:

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# AIRBOT™ ONE THE ULTIMATE ROBOT



With its 12.5 lb. weight, the robot can work safely inside ducts containing insulation without damaging them. Airbot™ One can inspect and clean ducts as small as 8" x 8" which can go up to 24" x 24". The four wheels of the robot are machined on a CNC machine and equipped with a gear and belt system with a food-grade coating that maximizes the traction of the robot. The front and rear cameras provide an angle of view of 170 degrees.

Inspection Cleaning Coating

Airbot™ one includes: A hard case with cleaning kits (set of whips and pneumatic brushes), a hard case with the robot and controls as well as the laptop and 100 ft FusionFlex™ cable.

## Carrying case

- Waterproof
- Shockproof
- Dustproof
- Lock and security

planet nanuk  
**NANUK**  
PROFESSIONAL PROTECTIVE CASES

From the robot to the carrying case we are committed to ensuring quality and durability. Our Canadian Nanuk™ hard case is waterproof, shockproof and dustproof. It is completely legal to carry your hard case like a "Carry-on" on the plane. The size and security of the hard case is permissible at an airport for your outside contracts.

LTE Canada is committed to safety, that's the reason why we have installed a key switch and a safe compressed air's connection inside the hard case. A complete control panel allows easy control of the robot.

\*Each hard case holds a serial number.



## ROBOT AIR DUCT CLEANER

### 360 DEGREES

A perfect option for extra income. A coating applicator kit including the airless pump of 3,200 PSI. A kit that will save you an incredible amount of time with its rotating nozzle of 360 degrees. A high quality motor makes it possible to rotate the nozzle in motion with a durable chain as well as parts machined specifically for LTE Canada. Quality and speed of operation is our primary mission.

The advantage of the **SPRAY-KIT** is the ease of use as well as the cleaning at the end of each job. The system is in one piece only.



Protective coating application



### SPRAY-KIT™



\*Robot not included

### 3 FUNCTIONS

DUCTS INSPECTION  
CLEANING  
COATING



### FUSIONFLEX™

The FusionFlex™ technology created by LTE Canada allows the robot to be used up to 100 feet away. This technology consists of a cable for the supply of air as well as the connection of the various electric cables ensuring supply and control of the robot. With quick connectors, this innovation will ensure that cables do not mix and clean easily.

### CONTROL PANNEL

A control panel with ease of use for the operator. Air gauge up to 160 psi, it's possible to plug your compressor directly to the Fusion Flex™ cable to increase your Psi. A regulator will help you control your airflow during cleaning. 4 Circuit-breakers are installed to ensure the safety of the equipment. All of our cases are ready to use the SPRAY-KIT (optional kit).

\* When using the airbot, it is important to set the pressure to 90 PSI Maximum.



### AIRWHIPS ACCESSORIES

All of our whips are equipped with Superflex™ technology which increases the durability and the flexibility of whips. Working at temperatures as cold as -40 Celsius, the Airwhips™ will continue to whip at full capacity.



#### AL-3FO

Used the AL-3FO for an arduous job, these 3 Superflex™ whips will be the ideal tool against heavy dirt.

#### AL-8RE

AL-8RE is used to pull dust towards you, so the 8 Superflex™ whips are directed towards you to whip in negative.

#### AL-8FO

For a beautiful finish, the AL-8FO (front), with its 8 Superflex™ whips, will ensure the cleaning of each nook.

### Ease. Long range. Durability. NOZZLES SKIPPERS™

Our Skippers™ nozzles Machined to measure by a CNC for LTE Canada under the name AL-12FO to push dust or AL-12RE to pull dust. These nozzles project an even circular air pressure wall.



AL-12FO AL-12RE



### POSSIBLE CONDITION OF AIRDUCTS FROM INSIDE





