

# 12" Pogo Pole Hose Adapter

## OPERATING INSTRUCTIONS & PARTS MANUAL

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Air-Care is a Division of D.P.L. Enterprises, Inc.  
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# Unpacking Instructions

The Pogo Pole Hose Adapter is shipped in 2 boxes. Inspect both boxes and report any external damage to your Shipper. Then, immediately inspect the Pogo Pole Hose Adapter for damage and missing parts. Report any irregularities to your carrier.

## Check that all parts are present (See Page 3)

### CE1630E

**Ref 1: 12” Pogo Pole “Plate” Assembly with “Fork”**

**Ref 2: 12” Pogo Pole “Pole” Assembly**

## Safety Precautions

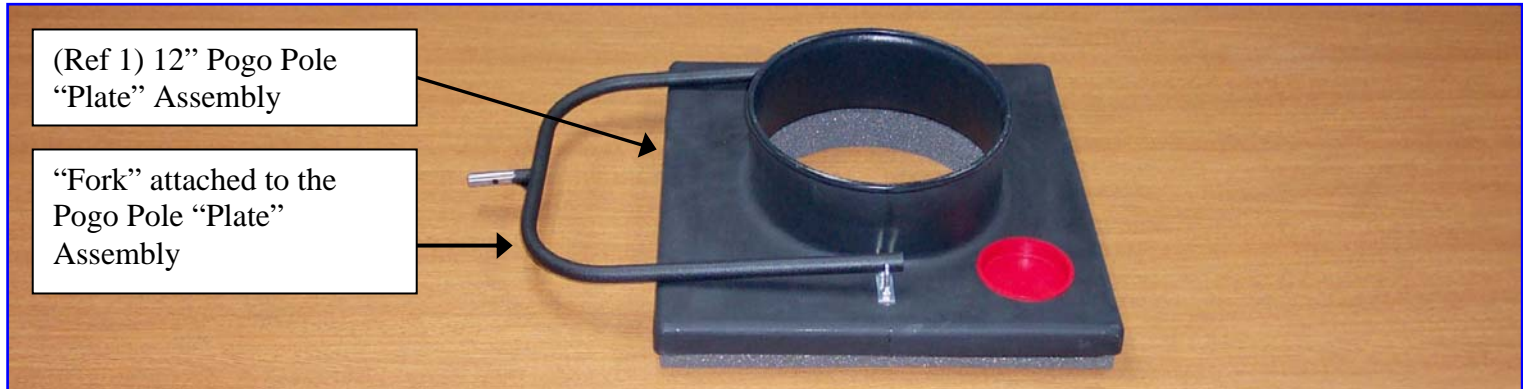
Always use safe and common sense precautions when working with Air-Care equipment. Do not block walkways with equipment, and remove delicate and breakable articles from the immediate work area. The following are precautions that should be reviewed by all persons who will be involved in the cleaning activity.

- Be sure that children and pets are NOT in the work area.
- Always remove the hose before moving the Pogo Pole. It is top heavy with the hose attached and may be difficult to control in a safe manner around furniture.
- Inspect the rubber foot on the Pogo Pole to be sure the metal tubing has not worn through it, this could damage a customer’s floor.
- The Pogo Pole is used in conjunction with the TurboJet or other electrically powered Duct Cleaning Tools. Always use caution when operating power equipment. Do not operate in a wet environment.
- Never remove Covers, Filters, Safety Shields, or Control Panels from Air-Care equipment while electrical power is applied.
- Be sure all power cords and electrical extensions are rated to meet or exceed the original Air-Care Power cords, and inspect all AC power plug to be sure the Ground Pin is in place.
- Never connect Power to Air-Care Equipment unless all filters, Covers, and safety shields are in place. Mechanical and electrical parts could activated and cause injury.
- Never allow anyone but a properly Trained Technician to use the equipment or cleaning products.

If you have questions about the safe use of any Air-Care product, call 702-454-5515

*Equipment Specifications and part numbers are subject to and change without notice.*

# Pogo Pole Hose Adapter Reference: Pictures



## Assembly Instructions

1. Place the 20" x 20" Pogo Pole Adapter plate on a workbench with the "Fork" on top.
2. Remove the hex bolt and nut (using (2) 7/16" wrenches) from the "Pole". Slide the pole over the "Fork" and then reinstall the hex bolt and nut securing the Pogo Pole "Plate" and "Pole" assemblies together.

# Operating Instructions

The Pogo Pole Hose Adapter is for a 12” diameter duct cleaning hose and designed to allow you to quickly attach an Air-Care TurboJet or other portable air duct-cleaning machine to ceiling, wall supply or return ducts. It can also be used to connect to a basement plenum that has a suitable opening in it. For connecting to floor ducts, a standard 12” Hose Adapter Plate may be used. (12” hose adapter sold separately)

1. Locate the duct to which the hose is to be connected and remove the diffuser or grill.
2. When connecting a Pogo Pole Hose Adapter to a ceiling duct opening, place the Pogo Pole Hose Adapter on the floor under the duct. Move the hitch pin a hole that will provide enough spring tension while installed for a snug fit against the duct opening.
3. Now that the length is set to provide spring tension, pick up the Pogo Pole Hose Adapter and place the 12” opening over the ceiling duct opening. Carefully position the bottom rubber foot of the pole directly under the duct to provide a secure and stable support. The 2” foam will protect the ceiling and make a good seal.
4. When connecting a Pogo Pole Hose Adapter to a wall register, place the 20” X 20 X 2” foam pad of the Pogo Pole “Plate” assembly over the wall duct opening. Place the rubber tipped end of the pole on a section of solid floor; do NOT place it on a small rug or other moveable floor covering. The Pogo Pole must be approximately 60 degrees to prevent it from slipping.

**Caution: Do not leave the Pogo Pole Hose Adapter unattended until you are certain that it will not slip and cause injury or damage.**

5. Attach a 12” hose over the opening on the Pogo Pole “Plate” with hose clamps. (Hose with hose clamps sold separately)
6. Attach the other end of the 12” hose over the opening of an Air Care Turbojet or other duct-cleaning machine with hose clamps.

**Note: The Pogo Pole Hose Adapter and Hose should be disconnected when being moved or transported.**

## Parts List

Ref #	Description	Part #
	12" Pogo Pole Hose Adapter (Complete Assembly)	CE1630E
<b>1</b>	12" Pogo Pole "Plate" Assembly with "Fork"	CE1631AA
<b>2</b>	12" Pogo Pole "Pole" Assembly	CE1631BE
<b>3</b>	"Y" Fork (attached to the Pogo Pole "Plate" Assembly)	3100A
<b>4</b>	Molded Pogo Plate	2002B
<b>5</b>	U-Bolt Assembly (attaches "Fork" to Pogo Pole "Plate" Assembly)	1638
<b>6</b>	4" Red Cap Plug	4267
<b>7</b>	Hex Bolt	1940
<b>8</b>	Nylon Nut, 1/4 X 20 (used with Hex Bolt)	1679

## Specifications

Specification	12" Pogo Pole Hose Adapter
<b>Size:</b>	7" W x 16" L x 7 5/8" H.
<b>Weight:</b>	Motor Case: 35 lbs. / Cable & Brush: 7 lbs.
<b>Height Range of Ceiling:</b>	5' 5" to 10"
<b>Connects to Ceiling Ducts:</b>	Yes
<b>Connects to Wall Ducts:</b>	Yes
<b>Connects to Plenum Openings:</b>	Yes

If you have any questions, call Air-Care at 800-322-9919.

# Glossary & Acronyms

1. ACGIH—American Conference of Government Industrial Hygienists
2. ASHRAE—American Society of Heating, Refrigerating, and Air Conditioning Engineers
3. Air Handler/ AHU—The Furnace or air conditioner that heats, cools and moves the air.
4. Antimicrobial—Agent that Bacteria, Molds and viruses. See “Sanitizer
5. Arrestance – An ASHRAE standard procedure to measure air filter efficiency (52.1)
6. Bioaerosols— Molds and bacteria that are found floating in the air.
7. Biological Contaminants— Bacterial, Mold/Fungus, viruses and their waste, byproducts and decomposition materials that can be inhaled and cause many types of health effects.
8. Building Related Illness—Diagnosable illness whose symptoms can be identified and whose cause can be directly attributed to airborne building pollutants (e.g., Legionnaire’s disease, and hypersensitivity pneumonitis).
9. CFM—Cubic Feet per Minute, a measure of how much air is flowing in an air system.
10. CO—Carbon Monoxide, an odorless, toxic gas produced during combustion.
11. CO<sub>2</sub>—Carbon Dioxide an odorless, non-toxic gas produced during combustion and exhaled by people.
12. Ceiling Plenum – The area above a suspended ceiling that may be used as a return path to the Air Handler.
13. Conditioned Air – The air that has been filtered, heated or cooled by the air handler.
14. Dampers – Flaps or valves in the air duct that control the amount of airflow in the duct.
15. Diffusers & Grilles & Registers – The covers at the end of supply and return ducts that control the amount and direction of the air-conditioned air entering or leaving a room.
16. Electrostatic Filter – A High Efficiency (95% Arrestance) Air filter that generate static electricity from the air movement through the air handler and captures dust from the air while the clean air move freely through it.
17. EPA—Environmental Protection Agency
18. Duct – A metal, plastic or fiberglass tube that transports air to and from the Air Handler. They can be round, square or rectangular.
19. Duct Board – Compressed fiberglass material used to make air ducts, particularly in the southern U.S.
20. Fiberglass Filter – A disposable, very low efficiency filter (approx. 10% arrestance).
21. Flex duct – Plastic fabric duct with a spiral wire support. It is used extensively in the Western U.S.
22. HEPA—High Efficiency Particulate Air
23. HVAC—Heating, ventilation and air-conditioning
24. IAQ—Indoor Air Quality
25. MSDS—Material Safety Data Sheet
26. Make-up Air – Fresh “outside” air that is brought into a Commercial building.
27. NADCA-- National Air Duct Cleaners Association
28. NAFA – National Air Filter Association
29. NIOSH—National Institute for Occupational Safety and Health
30. Negative building pressure – A condition that allows air to flow into a building when a door is opened.
31. NSC -- Nevada Safety Counsel
32. NSF International – An independent testing laboratory for Air filters
33. OSHA—Occupational Safety and Health Administration
34. Positive building Pressure – A condition when air will come out of a building when a door is opened.
35. Re-entrainment – The flow of dust and debris removed from an air system back into the same building
36. Return/Return Duct
37. Sanitizer – A material designed to kill mold, bacteria, and viruses.
38. Sick Building Syndrome – A group of symptoms such as headache and watery eyes that disappear after the sufferer leaves the building for a few hours.
39. Supply/ Supply Duct—The opening and related ductwork that delivers conditioned air to a room.
40. VAV—Variable air volume system – A system that varies the amount of flow of air to regulate temperature.
41. VOC’s—See “Volatile Organic Compounds”
42. Volatile Organic Compounds (VOC’s)—Chemicals that release gasses into the air such as solvents.

## **Limited Warranty**

Air-Care warrants its products free from defects in materials and workmanship to the original purchaser for a period designated below from the date of purchase. Individual components, such as motors, blowers and electronic devices carry the warranty from the original manufacturer.

Report any suspected warranty failure of an Air-Care product to Air-Care immediately for a Return Authorization Code. Upon examination by Air-Care, if the product is found defective in workmanship or material, it will be repaired or exchanged, at Air-Care's discretion. Failure of components not manufactured by Air-Care will be handled on an individual basis.

## **General Conditions**

This warranty shall be held void on any Air-Care equipment which has been modified or altered in any way or which has been subject to improper maintenance, improper usage or abuse.

Air Care warrants its equipment to the original purchaser only.

The Purchaser is responsible for the cost of shipping the equipment to Air-Care for evaluation. If found defective, Air-Care will pay FedEx ground shipping charges on the repaired or replaced item back to purchaser's location. Any additional expedited service charges shall be born by the purchaser.

## **Warranty Periods**

1 Year Limited Warranty on Duct Leakage Testers

2 Year Limited Warranty on VIS Models, Truckmaster

3 Year Limited Warranty on all Turbojet Models, Cobra Models and Air Care DuctMaster Models

90 days on all other products

# **Air-Care**™

**INDOOR AIR QUALITY SPECIALISTS**

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