



Supreme Air Products Corp. The next generation of compressed air products do more, and do it better.

Air Conveyor

Installation & Maintenance Guide

Air Conveyor is designed to convey
Parts, Waste, Materials – No Moving
Parts or Electricity



Version 1.0



CONTACT

ADDRESS

Supreme Air Products Corp,
5-2324 Hurontario Street
Suite 184,
Mississauga ON,
L5A 4K4, Canada

PHONE

Worldwide: 1-647-876-6358

ONLINE

Sales Email: sales@supremeairproducts.com
Tech Email: support@supremeairproducts.com

Website: www.supremeairproducts.com

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01 Recommended Hose Runs

LENGHT OF RUN	SIZE OF PIPE/HOSE
1 - 25ft	Use ¼" pipe or 3/8" air hose
25 - 50ft	Use 3/8" pipe or ½" air hose
50ft and above	Use ½" pipe or larger

02 Compressed Air Supply

**All filters should be installed within 10-15ft of the Air Conveyor. It's important to use supplied fittings to minimize possibility of air restriction.

Water removal

Minimum 10 micron filter, with an automatic (float type) drain.

Oil removal

Use an Oil filter installed downstream from the water filter if oil is a concern. Again this should be fitted with an automatic (float type) drain.

03 General Operation / Installation

The Air Conveyor can be mounted by utilizing the ¼"-20 mounting holes on the unit, or by simply using a clamp. For extra strength, mounting brackets can be attached on both the inlet and outlet sides of the unit.

To increase conveying distance and faster flow rates

- Increase the size of the holes in the 'flow generating unit' by 1/64" intervals and then test each time for the desired flow rate.

To decrease force

- A regulator may be added downstream from the oil/water filters to reduce the pressure to control the rate of flow required.

04 Cleaning 05 Troubleshooting

04 Cleaning

Simply disassemble the unit, and clean all surfaces using a mild solvent and rag. Be certain that the holes of the 'flow generating unit' point toward the outlet when re-assembling. To prevent contaminants from re-entering the Air Conveyor, pass compressed air through the unit.

05 Troubleshooting

There are many factors that can cause the reduction in vacuum and/or flow. Undersized airlines, restrictive fittings, or clogged filter elements are common areas to check. If you suspect below average performance, install a pressure gage at the inlet of the Air Conveyor.