

Comparison Chart – What makes Air Handling Systems the better choice over others.



Air Handling Systems

About

Permanent Dust Collection System solutions from 3" - 30" diameter, spray booth stack up to 42". Quick and easy to install, no additional clamps required. All components are truly modular; adaptable to metric, rolled edge, angle iron ring or any other system. This allows you to easily make changes or expand your system.

Tech Support

Over 60 years of American manufacturing, sales, and customer service expertise.

Shipping

Most orders shipped within 24 hours from our fully stocked warehouse. Non-stock items shipped within 5 working days. Our shipping dept. takes great care in nesting and packaging your order to prevent damage in transport and obtain the most economical shipping rates. Unlike most of our competitors, we use packaging material. Orders are shipped to customers in the US and worldwide.

Spiral Pipe

Stronger than other pipe - make sure you have the right gauge for the right job. Do not be undersold, just to save money. Our spiral pipe is fabricated to industrial standards and is up to 20% stronger than smooth pipe systems of the same gauge, due to the added exterior spiral reinforcement. Available in easy to ship and install 5' lengths. Also available in 10' lengths when you require longer runs.

Elbows

20 gauge 1.5 x diameter Center Line Radius (CLR) which allows for proper airflow. Additionally we offer 18 gauge 2.5 x diameter CLR for increased airflow. FULLY WELDED.

Clamp Together

Temporary clamp style only available from 3"-24". Some are foreign owned; others are inexperienced.

Basic experience in dust collection.

Rolled ends easily damaged during transport, very difficult to make clamp connection. Hard to true up ends of damaged pipe and fittings.

Spiral pipe NOT available, only 22 ga straight pipe. Only available in 48" or 60" lengths. Long runs require more clamps and pipe sections. Pipe still has to be cut in field.

Lightweight 24 gauge 1 x diameter CLR creates less efficient airflow.

Stove Pipe Supplier

NOT approved for dust collection. Heating and AC. Positive Pressure.

NOT available.

Unknown. Easily damaged.

Spiral pipe NOT available. Straight pipe 30-28 ga. In 2', 3' and 4' sections. Will collapse under negative pressure, NOT proper for dust collection.

Ultra lightweight 30 gauge 1 x dia. CLR, less efficient and will leak with negative pressure.

PVC Piping

Drainage pipe, NOT approved for dust collection. Proven source of static electrical charge.

NOT available.

Unknown. Easily damaged.

NOT to code by AHJ (Authority Having Jurisdiction). Guaranteed source of static electricity.

NOT to code by AHJ (Authority Having Jurisdiction). Static Electricity issues.

Local Heating & AC Shop

NO experience in dust collection systems.

NO experience in dust collection systems.

Typically requires pick up from source

Short sections of light gauge lock seam straight pipe or light gauge spiral neither of which are proper for dust collection.

Stove pipe light gauge heating and AC quality elbows.

Online Source

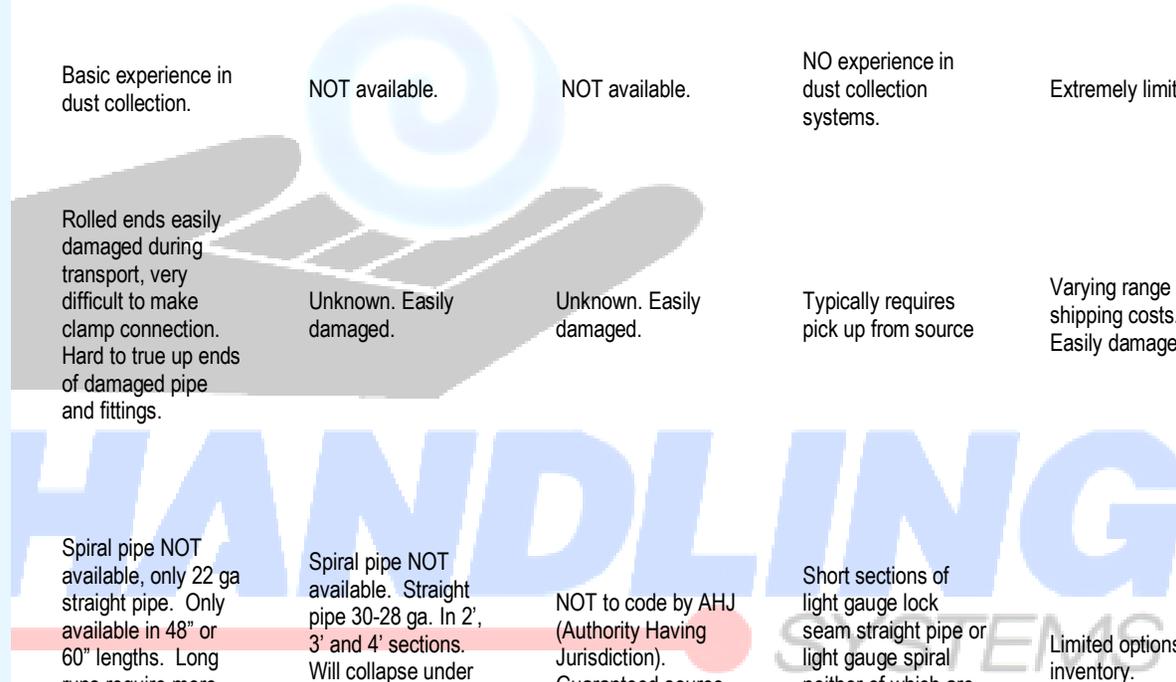
NO experience in dust collection systems.

Extremely limited.

Varying range of shipping costs. Easily damaged.

Limited options and inventory.

Limited options and inventory.





Air Handling Systems

Custom Fabrication

Custom multi-tap manifolds for moulders, edgebanders, wide belt sanders, double end tenoners. Custom reducers for metric conversion. Custom transitions for square to round connections. FULLY WELDED.

Lateral Tees, Wyes, Reducers

Built to industrial standards 20 gauge FULLY WELDED AIRTIGHT, slip fit connection. Less costly than clamp ducting and doesn't require clamps to install.

Clamp

Does NOT require clamps.

Floor Sweep

New improved Floor Sweep has a more functional design without danger of door. Floor Sweep facilitates clean-up when located near a machine where sufficient dust collection is difficult. At the end of the day, simply sweep dust into the Floor Sweep.

Flexible Hose

Over 6,500 feet of flexible hose in stock. Full range, 20 different options, to properly solve customer needs such as U30 for CNC router or molder, instead of a lighter weight less effective hose provided from many online sources.

Clamp Together

Limited

Lighter weight 22 ga., over 20% higher cost. NOT fully welded or airtight.

Clamps, required at every connection at an added cost per connection.

Limited options

Limited options

Stove Pipe Supplier

N/A

Extremely lightweight 30 ga., limited selection.

N/A

N/A

Limited options

PVC Piping

N/A

NOT made for airflow. NOT to code by AHJ (Authority Having Jurisdiction). Static Electricity issues.

N/A

One option

One option

Local Heating & AC Shop

Limited

Light gauge Heating & AC Tees, Wyes & Reducers.

N/A

N/A

N/A

Online Source

N/A

Most likely NOT proper for dust collection. Plastic pipe & fittings. Stove pipe and fittings.

Plastic or Light gauge metal.

Typically NOT stocked, and NOT suitable for dust collection.



Contact Air Handling Systems
800-367-3828 www.airhand.com

We not only manufacture dust collection piping, we provide solutions.

