



## Superduct® Air Handling Systems

### Certified Corzan® Qualified Fabricator

- PVC, CPVC and PP materials
- 2" thru 60" systems  
(larger sizes available per customer design)
- Both round and rectangular components available
- Standard 10 ft. or 20 ft. lengths.  
(26" diameter & above 4 ft. lengths standard)
- Duct is seamless and extruded in sizes 2" thru 20" & 24"
- 22" and duct diameters 26" and larger furnished w/butt-welded seam using no filler rod
- All common fitting configurations available.  
Custom configurations "Our Specialty"
- Fittings designed to furnish optimum air flow
- Fittings furnished in plain end or belled end styles
- Elbows furnished with approximate centerline radius of 1-1/2 times diameter
- 90° elbow (3 piece) and 45° elbow (2 piece) are standard
- 5 piece 90° elbows and 3 piece 45° elbows optional
- All reducing fittings and transitions furnished w/smooth flow tapered design
- Dampers and Blastgates furnished w/ locking device
- Actuated dampers now available
- Fittings may be furnished to meet customer or SMACNA specifications
- Prefabricated duct systems per custom specifications



## Specialty Fittings

### Van Stone Flanges

- Positive seal w/machined face; 100 PSI rated; thru 24" diameter; epoxy coated steel rings standard; stainless steel rings available on request

### Flanges (Custom)

- Blind Flange w/thickness thru 2"; Custom threaded center tap
- Orifice flanges socket, spigot, threaded; 150# and 300# drilling; DIN dimensions

### Long Sweep Elbows

- 11 1/4", 22 1/2", 45°, 90° configurations; diameters thru 14"; centerline radius thru 48"; victaulic grooved ends, plain or belled socket ends

### Eccentric Reducer Fittings

- Smooth flow design; Range from 12" to 4" reductions

### Saddle Tees & Wyes

- Thru 24" diameters; wide sealing area; female/male thread, belled socket, flanged branch connections

### Female & Male Adapters

- Thru 16" diameters

### Floor Drains (Adjustable)

- CPVC 3" thru 8" sizes

### Cleanout Fitting w/Plug

- Thru 16" diameters; flush plug with spanner holes

### No-Hub Adapters

- Thru 12"; with 2" wide hub bead for positive seal

### SDR-35 Adapter Flanges

- 4" thru 15" diameters
- American Standard, Class 125 (ASA B16.1)

### Polypropylene Fittings for Butt-Fusion

- Diameters 3" thru 12"
- Schedule 80 Black Copolymer Polypropylene
- Long tangents for butt-weld assembly; 90° & 45° elbows, Tees, Flanges, Concentric Reducers, Blind Flanges

### Victaulic Grooved End Fittings

- Thru 16" diameters

### Double Containment Pipe Centralizers

- IPS, metric, dual carrier

### Hose Adapters (King Nipple)

- Hose barb X FPT or MPT
- Thru 4" diameter (including CPVC)

### Water Stops

### Nipples

- Custom lengths; threaded, grooved;
- Thru 16" diameters

### Downspout Adapters

### P-Traps

### Bullhead Tees

### Birdscreen Couplings



# HARRISON

## Fittings

### Large Diameter Pressure and Drainage Fittings

- PVC, CPVC, PP
- Schedule 40, Schedule 80, SDR-26, SDR-41
- Sizes thru 24"
- All common configurations available: Elbows (90°, 45°, 30°, 22-1/2°, 11-1/4°) Couplings, Tees, Wyes, Sanitary Tees, Combos, Crosses, True Wyes, Reducing Couplings & Bushings, Flanges, Caps, Plugs
- Tapered sockets; socket depths per published ASTM standards

## Pipe

### Large Diameter PVC Pressure Pipe

- 18" thru 24" sizes in IPS dimensions
- 30" and 36" sizes in C.I. O.D.
- Sch 40, Sch 80, SDR-26, SDR-41
- Plain end, Solvent weld belled end, Gasketed belled end
- Smaller diameter pipe also available

### 6" thru 16" CPVC Pressure Pipe

- Schedule 40 and Schedule 80  
(Smaller diameter pipe also available)

### Super Pro Polypropylene Pipe (Black)

- 1/2" thru 12" Schedule 80 pipe
- 1-1/2" thru 12" Schedule 40 pipe
- 14", 16" & 18" available on a custom basis
- Natural Copolymer available in select sizes

### Superduct® Air Handling Duct/Pipe

- Extruded sizes thru 24"
- Fabricated (rolled) sizes thru 60"  
(Larger sizes available per customer design)

## Custom Fabrications, Services & Products

### Machined fittings (CNC Capabilities)

### Models and prototypes

### Tanks

### Drip Pans

### Pipe manifold/header systems

### Tank covers

### Forming, bending, threading

### Custom formed angle

### Pipe, cut to order

### Perforated pipe

### Slotted pipe

### Perforated sheet

### Sheet stock (full or custom cut)

### Welding rod

### Welding equipment

## Harrison Machine & Plastic Corporation

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Manufacturing and Sales Office: GARRETTSVILLE, OH,  
Manufacturing Locations: HIRAM, OH and CLOVER, SC



Established in 1970, Harrison Machine and Plastic Corporation is involved in the fabrication and distribution of plastics directed primarily towards the industrial market, where fluid handling and air handling systems are used in extremely corrosive environments.

Harrison fabricates product such as pressure and DWV fittings thru 24" diameter, air handling duct systems thru 60", tanks, fume scrubbers and hoods, custom built pipe headers, focusing on large diameter systems. The base plastic materials used in our fabrication is dependent on specific applications but are essentially those materials in the thermoplastics and polyolefin families such as PVC, CPVC, PP, PE and PVDF. End products are then formed from pipe, profile and sheet stock which is precision cut, heat-formed, machined, drilled and welded.

With over 30 years of experience in our industry, we have developed proprietary and essential fabrication techniques as well as an understanding of plastics and their unique properties. This allows Harrison to provide our customers with a wide range of custom fabrications built specifically to accommodate any specific application.

Visit our website at  
[www.harrison.thomasregister.com](http://www.harrison.thomasregister.com)