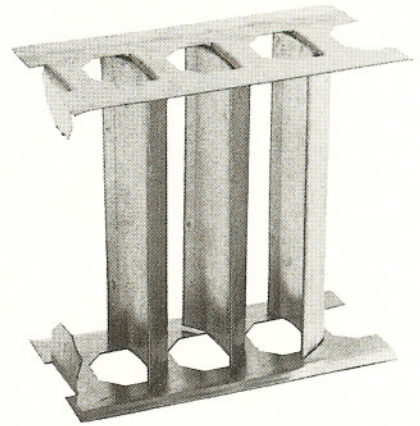


Turning Vanes And Side Rails



Designed for strength, efficiency, and noise reduction, Cain vanes and rails assemble fast for bottom-line performance.

Call for Cain quality and economy.

- Complete line of hollow turning vanes and push-on side rails for every installation.
- Available in heavy-duty galvanized steel, aluminum or high density fiberglass.
- Quality engineered for fast assembly and high efficiency.
- Pre-formed single blade vane features hemmed edges for added strength.
- Quick and easy to assemble without rivets or special equipment when vanes are used with Cain instant vane rail, scoop rail or push-on side rail.
- No scrap—just cut vane to length and position in compatible side rail.
- Competitively priced and available through wholesalers, nationwide.

The Cain product line-up for 2" and 4½" radius single and hollow turning vanes is complete with compatible instant vane rails, scoop rails and push-on side rails. Quality built from heavy-gauge galvanized steel, aluminum or heavy density fiberglass, Cain turning vanes and rails are proven effective at high velocities. And when you need substantial noise reduction, Cain delivers. For efficient performance and the kind of fast assembly and installation that boost your bottom line, call for Cain.

***Never say can't,
say Cain!***

Cain
MANUFACTURING COMPANY, INC.

QUALITY HVAC PRODUCTS SINCE 1935

P.O. Box 1000 • Pelham, AL 35124
205-663-2200 • 1-800-554-0342 • FAX 205-663-2298



CAIN TURNING VANES AND SIDE RAILS

Hollow Turning Vanes

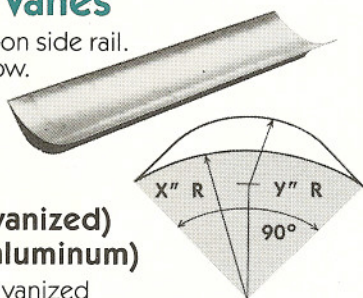
- For use with Cain's push-on side rail.
- Minimizes friction in elbow.
- Quiet operation.
- Easy installation (see push-on side rail).

2" radius vanes:

**RA HTV 200G (galvanized)
or RA HTV 200A (aluminum)**

- Supplied in 26-gauge galvanized steel or .032" 3003 H14 M.F. aluminum.
- 10-ft. sections, packaged 350 ft. per carton.

$$\begin{array}{l} 2" \text{ X} = 2" \quad \text{R} \quad \text{Y} = 1" \text{ R} \\ 4" \text{ X} = 4\frac{1}{2}" \text{ R} \quad \text{Y} = 2" \text{ R} \end{array}$$

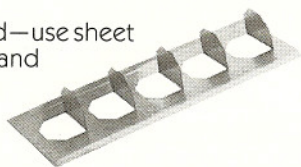


4½" radius vanes: RA HTV 400G (galvanized)

- Supplied in 24-gauge galvanized steel.
- 10-ft. sections, packaged 150 ft. per carton.

Push-On Side Rail

- For 2" or 4½" radius hollow turning vanes.
- No special tool required.
- Cut vanes and rails to length and push vane onto rail.
- No special fastener required—use sheet metal screws at end vanes and on each sixth vane.
- Supplied in 24-gauge galvanized steel or aluminum.



For 2" Radius: RA HTV 2 GRA (galvanized) or HTV 2 ARA (aluminum)

- 10-ft. sections, packaged 250 ft. per carton for 2" radius.

For 4½" Radius: RA HTV 4 GRA (galvanized)

- 10 ft. sections, packaged 150 ft. per carton for 4½" radius.

Pre-Formed Single Blade Vane

- Hemmed edges for added strength; smooth edges; fast assembly.
- No spacing guesswork to position vane when used with Cain instant vane rail.
- No riveting or special fasteners needed.
- No scrap—merely cut to length and position in pre-formed instant vane rail.
- No special equipment needed—just tap vane and instant vane rail together with a ball peen hammer.



2" radius vanes: RA V2G (galvanized) or RA V2A (aluminum)

- Supplied in 24-gauge galvanized steel or .032" 3003 H14 M.F. aluminum.
- 10-ft. sections, packaged 300 ft. per carton.

4½" radius vanes: RA V4G (galvanized).

- Supplied in 22-gauge galvanized steel.
- 10-ft. sections, packaged 150 ft. per carton.

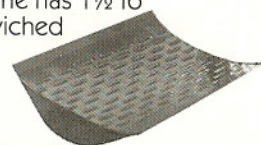
Instant Vane Rail

- Rails for 2" and 4½" radius single blade vanes.
- No special tools or fasteners required.
- Use ball peen hammer to fasten vane to rail.
- Supplied in 24-gauge galvanized steel or .032" 3003 H14 M.F. aluminum.
- Packaged 100 ft. roll per carton.
- For 2" radius vane use instant vane rail, RA IVR 3G or scoop rail, RA SR.
- For 4½" radius vane use instant vane rail RA IVR 4G (galvanized), RA IVR (original, galvanized), or RA IVR 4A (aluminum).



Acoustic Turning Vane

- This 4½" radius hollow turning vane has 1½ lb density acoustical fiberglass sandwiched between the perforated front surface and the smooth back surface.
- Designed to reduce duct noise.
- Use with push-on side rail for 4½" radius vane.
- Supplied in 24-gauge galvanized steel.
- 10-ft. lengths, packaged 150 ft. per carton, RA ATV 400G.



Duct Board Vanes

- Heavy density pressure molded fiberglass, RA SV14.
- Vane is designed to meet UL 181-16 Fiberglass erosion guideline.
- Silent vane will not break away, flake off, or show evidence of delamination or erosion at air velocities up to 2500 feet per minute.
- No metal-to-metal vibrations.
- No sympathetic vibration noise.
- For installation use Cain duct board vane cutout tool (RA SVC).
- Cut vane to length with ordinary cutting knife and insert into position created using cutout tool.
- 6-ft. lengths, packaged 126 ft. per carton.



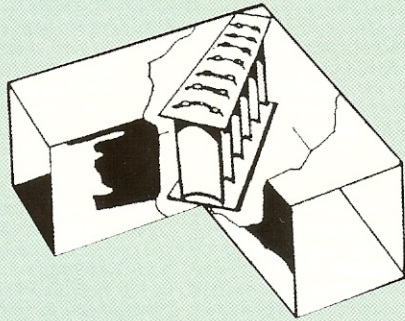
See CAIN Product Catalog
for complete details.

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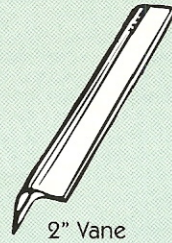
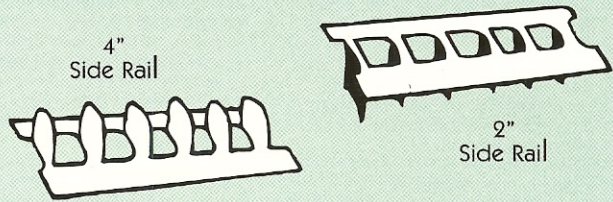
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INSTANT VANE RAIL

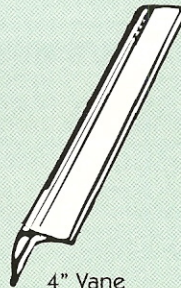


Cain Instant Vane Rail, made of 24 gauge (.024") G-90 galvanized steel slotted and stamped on precision tooling assuring uniform vane spacing. **Cain Instant Vane Rail** allows workers to economically construct vane assemblies in just minutes. Cain Instant Vane Rail positions the vanes, just right, to guide air evenly around turns without the normal turbulence or pressure drop associated with right angle turns. With Cain Instant Vane Rail, which is a pre-fabricated side rail, no layout is needed. Vanes are quickly assembled with only a blow of a ball peen hammer. Efficient, inexpensive, air turning vane assemblies are fabricated in just minutes adding strength and sturdiness to the finished elbow, eliminating rattle and detrimental air turbulence and pressure drop.

HOLLOW TURNING VANE



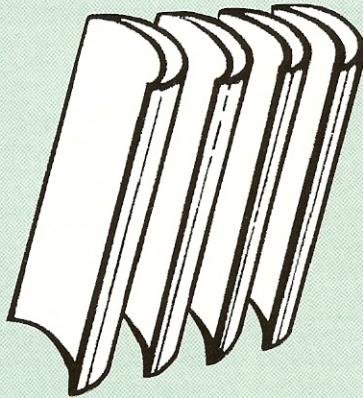
2" Vane



4" Vane

Cain Hollow Turning Vane and Side Rail open up a new and more convenient way to solve your vane construction problems. Time is money - and even the smartest of us are looking for ways to cut cost. No longer is it cost effective to have your sheetmetal mechanics make your own vane. With Cain high speed roll formed vanes the cost can be less than having your people make vanes from scrap. Whether 2 inch, 4 inch or 4 inch acoustic vane, Cain can supply your needs. Why not convince yourself - **Cain's Turning Vane** can cost less than the hand made kind.

FIBERGLASS TURNING VANE



Ductboard is gaining in popularity everywhere we go. For our customers who use ductboard we offer Fiberglass Turning Vanes designed especially for you. **Cain Fiberglass Vane** is a top of the line vane designed to speed your air flow through those 90° elbows without a sound. We call it Silent Vane just for that reason. No side rail is needed to position our vane, just use our layout chart and our ductboard vane cutter and save the side rail cost - **forever**. Our competitors won't like it because with them you must buy their side rail too - sorry fellows, but our customers enjoy the savings.

Never say can't say Cain!

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