

**SUBMITTAL RECORD**

JOB \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 SUBMITTED TO \_\_\_\_\_  
 SUBMITTAL PREPARED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



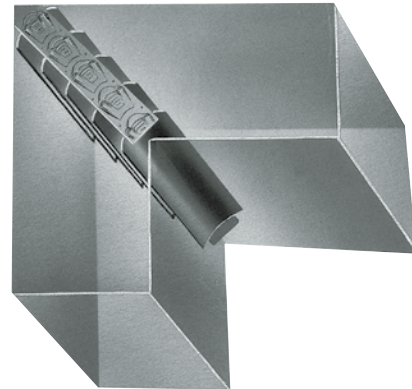
# Submittal Form

## VR2

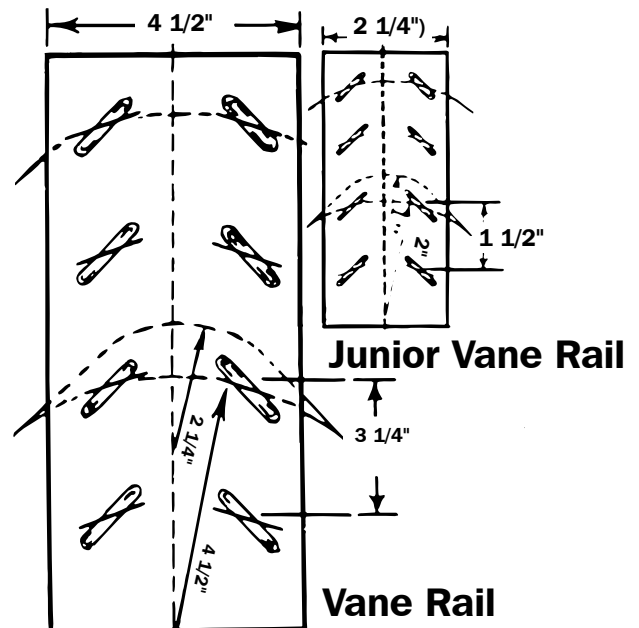
### VANE RAIL

**DESCRIPTION**

Air traveling through a duct is slowed up when it encounters a right angle turn of an elbow or a T shaped fitting.. This "slow-up" can disrupt the air flow and is detrimental to the efficiency of the duct system. Therefore air turning vane assemblies are used to guide air evenly around such turns. These assemblies are comprised of turning vanes, which are often fabricated by the contractor, and rails which are supplied by the manufacturer with embossing and pre-stamped slots to position the turning vanes.

**SUGGESTED SPECIFICATIONS**

Right angled fittings shall incorporate air turning vane assemblies as determined by the design engineer. Assemblies shall be comprised of turning vanes mounted to SMACNA Type 2 Runner called vane rail and coded \_\_\_\_\_ as manufactured by Duro Dyne Corporation.



See Notes on fig. 4.3 & 4.4 in SMACNA Third Edition 2005.

| ITEM | CODE  | DESCRIPTION                          | QUANTITY                |
|------|-------|--------------------------------------|-------------------------|
| 4002 | VR2   | Galvanized Steel Vane Rail           | 100 ft. Continuous Coil |
| 4007 | VR2SS | 300 Series Stainless Steel Vane Rail | 100 ft. Continuous Coil |
| 4008 | VR2AL | Aluminum Vane Rail                   | 100 ft. Continuous Coil |

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