

CRN, 5CRN, CRNRD, 5CRNRD, CRNRR, 5CRNRR Suggested Specification & Configuration
1. SERIES: (XXXXXX)

- CRN - Steel Concentric Ring Nozzle
Surface Mount
- 5CRN - Aluminum Concentric Ring Nozzle
Surface Mount
- CRNRD - Steel Concentric Ring Nozzle
Round Duct Adapter
- 5CRNRD - Aluminum Concentric Ring Nozzle
Round Duct Adapter
- CRNRR - Steel Concentric Ring Nozzle
Round Duct Reducer
- 5CRNRR - Aluminum Concentric Ring Nozzle
Round Duct Reducer

2. SIZE: (XX)

- 04 - 4" Element Size *
- 05 - 5" Element Size **
- 06 - 6" Element Size
- 08 - 8" Element Size
- 10 - 10" Element Size
- 12 - 12" Element Size
- 14 - 14" Element Size
- 16 - 16" Element Size
- 18 - 18" Element Size
- 20 - 20" Element Size *
- 22 - 22" Element Size *
- 24 - 24" Element Size *

3. FINISH: (XX)

- 01 - Mill
- 36 - Gloss Black
- 44 - British White
- 50 - Bright White
- 61 - Gray Prime
- 70 - Silver Metallic
- 99 - Custom Color

* CRNRR and 5CRNRR not available in sizes 04, 20, 22, or 24.

** CRN, 5CRN, CRNRR, and 5CRNRR not available in size 05. Element and duct size are not the same except for the CRNR and 5CRNRR series.

CRN, 5CRN

The supply concentric ring nozzle shall be a Krueger model CRN constructed of steel or 5CRN constructed of aluminum. This nozzle must have directional axial control no less than 60° and be able to rotate 360°. The flange of the CRN/5CRN shall have a minimum of 4 screw holes on the face of the flange for surface mounting.

CRNRD, 5CRNRD

The supply concentric ring nozzle shall be a Krueger model CRNRD constructed of steel or 5CRNRD constructed of aluminum. This nozzle must have directional axial control no less than 60° and be able to rotate 360°. The flange of the CRN/5CRN shall have a minimum of 4 screw holes on the side of the flange for mounting to the end of a stub duct.

CRNRR, 5CRNRR

The supply concentric ring nozzle shall be a Krueger model CRNRR constructed of steel or 5CRNRR constructed of aluminum. This nozzle must have directional axial control no less than 60° and be able to rotate 360°. The flange of the CRNRR/5CRNRR shall be designed to reduce the size of duct required to supply air to the nozzle. The CRNRR/5CRNRR was designed to fit directly to the end of a stub duct.

PERFORMANCE

The manufacturer shall provide published performance data for the grille. The nozzle shall be tested in accordance to the data standards at the time of product introduction or ANSI/ASHRAE Standard 70.

FINISH

The paint finish shall be #44 White and be a P-Series Powder Coating finish, baked at 400°F for 7 minutes. The paint thickness shall be 1.8 – 2.2 mils, pencil hardness per ASTM D3363 of H – 2H, crosshatch adhesion per ASTM D3359 of 4B, impact per ASTM D2794 of direct and reverse impact range of 40 to 160 in/lb depending on formulation, salt spray per ASTM B117 of 1000 hours, humidity per ASTM D2247 of 1000 hours and water soak per ASTM D8702 of 500 hours.