

RPN, RPNRD, RPNRR Suggested Specification & Configuration

RPN

The supply punkah nozzle shall be a Krueger model RPN constructed of heavy gauge aluminum. This nozzle must have directional control no less than 70° of global rotation. The flange of the RPN shall have a minimum of 4 screw holes on the face of the flange for surface mounting. A foam gasket on the reverse side of the flange shall be provided by the manufacturer. A felt gasket shall be located between the nozzle and the frame of the ball and socket joint to provide a tight air seal.

RPNRD

The supply punkah nozzle shall be a Krueger model RPNRD constructed of heavy gauge aluminum. This nozzle must have directional control no less than 70° of global rotation. The flange of the RPNRD shall have a minimum of 4 screw holes on the side of the flange for mounting to the end of a stub duct. A felt gasket shall be located between the nozzle and the frame of the ball and socket joint to provide a tight air seal.

RPNRR

The supply punkah nozzle shall be a Krueger model RPNRR constructed of heavy gauge aluminum. This nozzle must have directional control no less than 70° of global rotation. The flange of the RPNRR shall be designed to reduce the size of duct required to supply air to the nozzle. The RPNRR was designed to fit directly to the end of a stub duct. A felt gasket shall be located between the nozzle and the frame of the ball and socket joint to provide a tight air seal.

OPTION (DAMPER)

An optional aluminum aperture damper with stainless steel hardware shall be operable from the face of the nozzle.

PERFORMANCE

The manufacturer shall provide published performance data for the grille. The grille 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.

1. SERIES: (XXXXX)

- RPN - Round Punkah Nozzle, Surface Mount
- RPNRD - Round Punkah Nozzle, Round Duct Mount *
- RPNRR - Round Punkah Nozzle, Round Duct Mount with Reducer

2. SIZE: (XX)

- 04 - 4" Nominal Size **
- 06 - 6" Nominal Size
- 08 - 8" Nominal Size
- 10 - 10" Nominal Size
- 12 - 12" Nominal Size
- 14 - 14" Nominal Size
- 16 - 16" Nominal Size
- 18 - 18" Nominal Size
- 20 - 20" Nominal Size

3. APERTURE DAMPER: (XX) ***

- 00 - NONE
- 01 - Aperture Damper

4. FINISH: (XX)

- 01 - Mill
- 36 - Gloss Black
- 44 - British White
- 50 - Bright White
- 70 - Silver Metallic
- 81 - Clear Anodize
- 99 - Custom Color

* RPNRD duct connection is 2" larger than ordered size.

** Size 04 not available on RPNRD or RPNRR Series.

*** Aperture damper must be ordered with unit; cannot be field installed.

SAMPLE CONFIGURATIONS: RPN - 08 - 00 - 44 (FOR 8" DUCT) & RPNRD - 10 - 01 - 81 (FOR 12" DUCT)