**HOW TO SPECIFY**

**Models 4360, 4365**

**STEEL PERFORATED RETURN CEILING DIFFUSERS**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **4360 Flush Face** or **4365 Drop Face, Perforated Return Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall have a heavy gauge, stamped corrosion- resistant steel backpan with a round or square neck. A steel perforated face shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The face shall be removable, hinged and include quick-release spring latches allowing easy access for cleaning (and adjusting the optional damper). The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Models 4360A, 4365A**

**ALUMINUM FACE PERFORATED RETURN CEILING DIFFUSERS**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **4360A Flush Face** or **4365A Drop Face, Perforated Return Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall have a heavy gauge, stamped corrosion-resistant steel backpan with a round or square neck. An aluminum perforated face shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The face shall be removable, hinged and include quick-release spring latches allowing easy access for cleaning (and adjusting the optional damper). The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006 |

**Models 4360AA, 4365AA**

**ALUMINUM PERFORATED RETURN CEILING DIFFUSERS**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **4360AA Flush Face** or **4365AA Drop Face, Perforated Return Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall have an aluminum backpan with a round or square neck. An aluminum perforated face shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The face shall be removable, hinged and include quick-release spring latches allowing easy access for cleaning (and adjusting the optional damper). The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Models 4340R, 4340RA**

**FULL FACE SQUARE NECK PERFORATED RETURN CEILING DIFFUSERS**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install Nailor Model (select one) 4340R (corrosion-resistant steel face with aluminum frame) or 4340RA (aluminum) Full Face Square Neck Perforated Return Ceiling Diffusers of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall have a mechanically interlocked extruded aluminum frame with hairline mitered corners. The perforated face shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The face shall also be removable, hinged and include quick-release spring latches allowing easy access for cleaning. The diffuser shall be surface mounted and fastened through the neck with sheet metal screws. The finish shall be AW Appliance White baked enamel (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**HOW TO SPECIFY**

**Models 4302, 4302A**

**PERFORATED RETURN CEILING DIFFUSERS – FLUSH FACE**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **4302** (corrosion-resistant steel) or **4302A** (aluminum) **Perforated Return Air Panels** of the sizes and capacities as shown on the plans and air distribution schedules. The perforated panel shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The edge of the panel shall be turned up a 1/2" (13) for strength. The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE  Standard 70 – 2006. |

**Model 4302-DF**

**PERFORATED RETURN CEILING DIFFUSERS – DROP FACE**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model 4302-DF Perforated Drop Face Return Air Panels** of the sizes and capacities as shown on the plans and air distribution schedules. The corrosion-resistant steel perforated panel shall have 3/16" (5) dia. holes on 1/4"  (6) staggered centers, providing 51% free area. The face of the panel shall extend below the ceiling line. The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE  Standard 70 – 2006. |

**Model 4302-F**

**PERFORATED RETURN CEILING DIFFUSERS – FINELINE®**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model 4302-F Perforated Fineline® Return Air Panels** of the sizes and capacities as shown on the plans and air distribution schedules. The corrosion-resistant steel perforated panel shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The panel shall incorporate a corrosion-resistant steel frame to suit Fineline® type ceilings. The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE  Standard 70 – 2006. |

**HOW TO SPECIFY**

**Models 4330R, 4330RA**

**PREMIUM PERFORATED RETURN CEILING DIFFUSERS**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **4330R** (corrosion-resistant steel face) or **4330RA** (aluminum face) **Premium Architectural Perforated Return Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall have a corrosion-resistant steel backpan with a round or square neck as specified, and an extruded aluminum border/ frame that encapsulates the perforated face. The perforated face shall have 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area. The face shall be removable and include spring latches allowing easy access for cleaning. The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 4310AR**

**ALL ALUMINUM PERFORATED RETURN CEILING DIFFUSERS**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model 4310AR All Aluminum Perforated Return Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall have a die-formed aluminum backpan with an integral round neck. An aluminum perforated face with 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area, shall wrap around the backpan. The finish shall be AW Appliance White (optional finishes are available).  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |