**HOW TO SPECIFY**

**Models 6500(-O), 6550(-O)**

**PATTERN CEILING DIFFUSERS • STEEL CONSTRUCTION**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor** (select one) **Model 6500 or 6550** (steel) **Pattern Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. Model 6500 shall incorporate fixed pattern discharge louvers for a horizontal throw pattern. Model 6550 shall incorporate fixed pattern discharge louvers and adjustable vanes for a vertical or horizontal throw pattern. The entire core assembly shall be removable without the use of tools. The directional pattern shall be supplied as a 4, 3, 2 or 1-way discharge pattern as specified. The core is to be interchangeable with all other frame styles of equal size. The square or rectangular duct connection collar shall be an integral part of the frame assembly. The finish shall be AW Appliance White (optional finishes are available).  (Optional) An opposed blade damper constructed of heavy gauge corrosion-resistant steel shall be provided with all units.  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE  Standard 70-2006. |

**Models 6500IV(-O)**

**INDUCTION VANE PATTERN CEILING DIFFUSERS • STEEL CONSTRUCTION**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model 6500IV** (steel) **Induction Vane Pattern Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The core assembly shall have a fixed pattern for horizontal throw and shall include induction vanes for rapid mixing of supply air with room air. The entire core assembly shall be removable without the use of tools. The directional pattern shall be supplied as a 4, 3, 2 or 1-way discharge pattern as specified. The core is to be interchangeable with all other frame styles of equal size. The square or rectangular duct connection collar shall be an integral part of the frame assembly. The finish shall be AW Appliance White (optional finishes are available).  (Optional) An opposed blade damper constructed of heavy gauge corrosion-resistant steel shall be provided with all units.  The manufacturer shall provide published performance data for the diffuser, which shall be tested in accordance with ANSI/ASHRAE  Standard 70-2006. |

**Models 6500FP**

**PATTERN CEILING DIFFUSERS • STEEL CONSTRUCTION AND FIBERGLASS BACKPAN**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor** (select one or more) **Model 6500FP** (steel) **Pattern Ceiling Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The face of the diffuser and core assembly shall be constructed of corrosion-resistant steel. All units shall include a one piece molded fiberglass backpan with foil back vapor barrier of 6.0 R-value. The ceiling diffuser shall be high capacity with a 4-way discharge pattern that provides a tight horizontal pattern from maximum to minimum airflow. The spring-loaded core shall be fully removable in the field without the use of tools for the purpose of installation or cleaning. The pre-scored diffuser plenum shall accommodate spin-in or tab-lock inlet collars (by others). 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. |