**HOW TO SPECIFY**

**Models 5850, 5850I, 5875, 5875I, 5810, 5810I**

**‘ICE TONG’ SUPPLY AIR PLENUM SLOT DIFFUSER FOR STANDARD LAY-IN T-BAR**

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| **SUGGESTED SPECIFICATION:**  **Standard Lay-in T-Bar**  Furnish and install **Nailor Model** (select one) **5850(I)** (1/2" [13] slot), **5875(I)** (3/4" [19] slot) or **5810(I)** (1" [25] slot) **Plenum Slot Supply Diffusers** of the sizes and capacities as shown on the plans and air distribution schedules. The plenum shall be manufactured from corrosion-resistant steel and include an adjustable, 'ice tong' style pattern deflector mounted within each slot. The pattern deflector shall allow the direction of airflow to be adjusted through a full 180° from the face of the diffuser. The plenum shall have a side inlet with a neck not less than 1 1/4" (32) deep for connection to the duct. The diffuser shall be supplied in nominal standard lengths of 20", 24", 30", 36", 48" and 60" (500, 600, 750, 900, 1200 and 1500) and have one, two, three or four slots as specified. Multi-slot units shall include extruded aluminum center T-Bars. The pattern controllers and all exposed edges shall have a BK Black finish and the center T-Bars shall have an AW Appliance White finish. Models 5850I, 5875I or 5810I shall be lined internally with insulation.  The manufacturer shall provide published performance data for the plenum slot diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70–2006. |

**Models 5850-F, 5850I-F, 5875-F, 5875I-F, 5810-F, 5810I-F**

**‘ICE TONG’ SUPPLY AIR PLENUM SLOT DIFFUSER FOR NARROW REGRESSED T-BAR, STRADDLE MOUNT**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **5850(I) -F** (1/2" [13] slot), **5875(I) -F** (3/4" [19] slot) or **5810(I) -F** (1" [25] slot) **Plenum Slot Supply Diffusers for Narrow Regressed T-Bar** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall fit within a Narrow Regressed T-Bar ceiling system. The plenum shall be manufactured from corrosion resistant steel and include an adjustable 'ice tong' style pattern deflector mounted within each slot. The pattern deflector shall allow the direction of airflow to be adjusted through a full 180° from the face of the diffuser. The plenum shall have a side inlet with a neck not less than 1 1/4" (32) deep for connection to the duct. The diffuser shall be supplied in nominal standard lengths of 24" or 48" (600 or 1200) and have one or two slots as specified. Two slot models shall straddle the T-Bar lengthwise. The pattern controllers and all exposed edges shall have a BK Black finish. Models 5850I-F, 5875I-F or 5810I-F shall be lined internally with insulation.  The manufacturer shall provide published performance data for the plenum slot diffuser, which shall be tested in accordance with ANSI/ASHRAE Standard 70–2006. |

**Models 5850-F2, 5850I-F2, 5875-F2, 5875I-F2, 5810-F2, 5810I-F2**

**‘ICE TONG’ SUPPLY AIR PLENUM SLOT DIFFUSER FOR NARROW REGRESSED T-BAR, FLAT FACE T-BAR(S)**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **5850(I) -F2** (1/2" [13] slot), **5875(I) -F2** (3/4" [19] slot) or **5810(I) -F2** (1" [25] slot) **Plenum Slot Supply Diffusers for Narrow Regressed T-Bar** of the sizes and capacities as shown on the plans and air distribution schedules. The diffuser shall fit within a Narrow Regressed T-Bar ceiling system. The plenum shall be manufactured from corrosion resistant steel and include an adjustable, 'ice tong' style pattern deflector mounted within each slot. The pattern deflector shall allow the direction of airflow to be adjusted through a full 180° from the face of the diffuser. The plenum shall have a side inlet with a neck not less than 1 1/4" (32) deep for connection to the duct. The diffuser shall be supplied in nominal standard lengths of 24" or 48" (600 or 1200) and have one, two, three or four slots as specified. Multi-slot units shall include extruded aluminum center T-Bars. The pattern controllers and all exposed edges shall have a BK Black finish and the center T-Bars shall have an AW Appliance White finish. Models 5850I-F2, 5875I-F2 or 5810I-F2 shall be lined internally with insulation.  The manufacturer shall provide published performance data for the plenum slot diffuser, which shall be tested in accordance with  ANSI/ASHRAE Standard 70–2006. |