**HOW TO SPECIFY**

**‘N SLOT’ PREMIUM PERFORMANCE PLENUM SLOT DIFFUSER - HORIZONTAL DISCHARGE, SUPPLY**

**Models 59N, 59NI**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **59N** or **59NI Horizontal Discharge 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 a side inlet for connection to the duct. The plenum shall have an extruded aluminum fixed pattern controller within a 3/4" (19) slot. The plenum diffuser shall be supplied in nominal standard lengths of 24", 36", 48" and 60" (600, 900, 1200 and 1500) to suit a standard Lay-in T-Bar ceiling grid. The pattern controller and all exposed edges shall have a BK Black finish. Model 59NI 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 59NR, 59NRI**

**‘N SLOT’ PREMIUM PERFORMANCE PLENUM SLOT DIFFUSER - HORIZONTAL DISCHARGE, SUPPLY/RETURN**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **59NR** or **59NRI Horizontal Discharge Plenum Slot Supply/Return 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 incorporate a supply air and return air section. The supply plenum shall have an extruded aluminum fixed pattern controller within a 3/4" (19) slot and a side inlet for connection to the supply air duct. The return air section shall have a rectangular return opening on the side that functions as a light shield (top return opening is optional). The plenum diffuser shall be available in nominal standard lengths of 24", 36", 48" and 60" (600, 900, 1200 and 1500) to suit a standard Lay-in T-Bar ceiling grid. The pattern controller and all exposed edges shall have a BK Black finish. Model 59NRI 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 59ND, 59NDI**

**‘N SLOT’ PREMIUM PERFORMANCE PLENUM SLOT DIFFUSER – HORIZONTAL/VERTICAL DISCHARGE, SUPPLY**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **59ND** or **59NDI Horizontal/Vertical Discharge 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 a side inlet for connection to the duct. The plenum shall have a central vertical down-blow section that  has two hinged pattern controllers within a 1 5/8" (41) slot. The plenum diffuser shall be available in nominal standard lengths of  24", 36", 48" and 60" (600, 900, 1200 and 1500) to suit a standard Lay-in T-Bar ceiling grid. The pattern controller and all exposed  edges shall have a BK Black finish. Model 59NDI 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 59NDR, 59NDRI**

**‘N SLOT’ PREMIUM PERFORMANCE PLENUM SLOT DIFFUSER – HORIZONTAL/VERTICAL DISCHARGE, SUPPLY/RETURN**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **59NDR** or **59NDRI Horizontal/Vertical Discharge Plenum Slot Supply/Return 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 incorporate a supply air and integral return air section. The supply plenum shall have a central vertical down-blow section that has two hinged pattern controllers within a 1 5/8" (41) slot opening, the end sections shall incorporate an extruded aluminum fixed horizontal pattern controller within a 3/4" (19) slot. The supply plenum shall include a side inlet for connection to the duct. The return air plenum shall have a rectangular return opening on the side that also functions as a light shield (top return opening is optional). The plenum diffuser shall be available in nominal standard lengths of 24", 36", 48" and 60" (600, 900, 1200 and 1500) to suit a standard Lay-in T-Bar ceiling grid. The pattern controllers and all exposed edges shall have a BK Black finish. Model 59NDRI 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 59BS, 59BSI**

**‘BS’ SERIES PREMIUM PERFORMANCE PLENUM SLOT DIFFUSER – ADJUSTABLE VERTICAL DISCHARGE, SUPPLY**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **59BS** or **59BSI Adjustable Vertical Discharge 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 a side inlet for connection to the duct. The plenum shall have an extruded aluminum adjustable pattern controller within a 1 3/4" (44) opening. The plenum diffuser shall be supplied in nominal standard lengths of 24", 36", 48" and 60" (600, 900, 1200 and 1500) to suit a standard Lay-in T-Bar ceiling grid. The pattern controller and all exposed edges shall have a BK Black finish. Model 59BSI 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 59BSR, 59BSRI**

**‘BS’ SERIES PREMIUM PERFORMANCE PLENUM SLOT DIFFUSER – ADJUSTABLE VERTICAL DISCHARGE, SUPPLY/RETURN**

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| **SUGGESTED SPECIFICATION:**  Furnish and install **Nailor Model** (select one) **59BSR** or **59BSRI Vertical Discharge Plenum Slot Supply/Return 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 incorporate a supply air and return air section. The supply plenum shall have an extruded aluminum adjustable pattern controller within a 1 3/4" (44) opening and a side inlet for connection to the supply air duct. The return air plenum shall have a rectangular return opening on the side that also functions as a light shield (top return opening is optional). The plenum diffuser shall be available in nominal standard lengths of 24", 36", 48" and 60" (600, 900, 1200 and 1500) to suit a standard Lay-in T-Bar ceiling grid. The pattern controllers and all exposed edges shall have a BK Black finish. Model 59BSRI 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. |