**HOW TO SPECIFY**

**Models 51FB45, 51FB55, 51FBS**

**ALUMINUM FILTER RETURN GRILLES AND REGISTERS – LOUVERED BLADE**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model** (select one) **51FB45, 51FB55** or **51FBS Fixed Blade Filter Return Grilles** of the sizes and capacities as shown on the plans and air distribution schedules. The grille shall have extruded aluminum fixed blades and frame. The frame is to be hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006.. |

**Model 51FE**

**ALUMINUM FILTER RETURN GRILLES AND REGISTERS – EGGCRATE**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 51FE Eggcrate Grid Core Filter Return Grilles** of the types and sizes as shown on the plans and air distribution schedules. The grille shall have 1/2" x 1/2" x 1/2" (13 x 13 x 13) aluminum grid core and an extruded aluminum frame, that is hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 51FE45**

**ALUMINUM FILTER RETURN GRILLES AND REGISTERS – EGGCRATE – 45° DEFLECTION**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 51FE45 Eggcrate Grid Core Filter Return Grilles** of the types and sizes as shown on the plans and air distribution schedules. The grille shall have 1/2" x 1/2" x 1/2" (13 x 13 x 13) aluminum grid core angled at 45° and an extruded aluminum frame, that is hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 51FP**

**ALUMINUM FILTER RETURN GRILLES AND REGISTERS – PERFORATED**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 51FP Perforated Core Filter Return Grilles** of the type and size as shown on the plans and air distribution schedules. The grille shall have an aluminum perforated core that has 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area and an extruded aluminum frame that is hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate a standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Models 61FB45, 61FB55, 61FBS**

**STEEL FILTER RETURN GRILLES AND REGISTERS – LOUVERED BLADE**

|  |
| --- |
| **SUGGESTED SPECIFICATION:****61FB45, 61FB55, 61FBS Steel Louvered Blade**Furnish and install **Nailor Model** (select one) **61FB45, 61FB55** or **61FBS Fixed Blade Filter Return Grilles** of the types and sizes as shown on the plans and air distribution schedules. The grille shall have roll-formed corrosion-resistant steel fixed blades and frame. The frame is to be hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 61FE**

**STEEL FILTER RETURN GRILLES AND REGISTERS – EGGCRATE**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 61FE Eggcrate Grid Core Filter Return Grilles** of the types and sizes as shown on the plans and air distribution schedules. The grille shall have 1/2" x 1/2" x 1/2" (13 x 13 x 13) aluminum grid core and a corrosion-resistant steel frame, that is hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 61FP**

**STEEL FILTER RETURN GRILLES AND REGISTERS – PERFORATED**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 61FP Perforated Core Filter Return Grilles** of the type and size as shown on the plans and air distribution schedules. The grille shall have a corrosion-resistant steel perforated core that has 3/16" (5) dia. holes on 1/4" (6) staggered centers, providing 51% free area and a corrosion-resistant steel frame that is hinged and secured to an outer frame with 1/4 turn latches. The grille frame shall accommodate a standard 1" (25) filter media (provided by the installing contractor). The finish shall be AW Appliance White (optional finishes are available).The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 67FB45**

**STAINLESS STEEL FILTER RETURN GRILLES AND REGISTERS – ¾” (19) BLADE SPACING**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 67FB45 Fixed Blade Filter Return Grilles with Subframe** of the types and sizes as shown on the plans and air distribution schedules. The grilles shall have be constructed entirely from Type 304 stainless steel (Type 316 is optional). The grille core shall be secured to the subframe with stainless steel 1/4 turn fasteners to allow for complete removal and access to the interior for cleaning. All exposed surfaces shall be a #4 Brushed Satin Polished finish (optional finish is AW Appliance White.(Optional) A stainless steel opposed blade damper that is adjustable from the face of the grille, shall be provided with all units. The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |

**Model 67FB55**

**STAINLESS STEEL FILTER RETURN GRILLES AND REGISTERS – ½” (13) BLADE SPACING**

|  |
| --- |
| **SUGGESTED SPECIFICATION:**Furnish and install **Nailor Model 67FB55 Fixed Blade Filter Return Grilles with Subframe** of the types and sizes as shown on the plans and air distribution schedules. The grilles shall have be constructed entirely from Type 304 stainless steel (Type 316 is optional). The grille core shall be secured to the subframe with stainless steel 1/4 turn fasteners to allow for complete removal and access to the interior for cleaning. All exposed surfaces shall be a #4 Brushed Satin Polished finish (optional finish is AW Appliance White.(Optional) A stainless steel opposed blade damper that is adjustable from the face of the grille, shall be provided with all units. The manufacturer shall provide published performance data for the grille, which shall be tested in accordance with ANSI/ASHRAE Standard 70 – 2006. |