# Grilles & Registers Suggested Specification



## **Louvered Face**

### 510 / 610 / 710 - SUPPLY GRILLES

Furnish and install Price model (510 steel / 610 aluminum / 710 stainless steel) supply grilles of the sizes and mounting types indicated on the plans and outlets schedule. Grilles shall be -single deflection type with one set of fully adjustable deflection blades spaced  ${}^{3}$ /<sub>4</sub> in. [19] on center. The blades shall run parallel to the (long/short) dimension of the grille, as indicated in the outlet schedule. The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

## 510D / 610D / 710D -SUPPLY REGISTERS

Furnish and install Price model (510 steel / 610 aluminum / 710 stainless steel) supply registers of the sizes and mounting types indicated on the plans and outlet schedule. Registers shall be single deflection type with one set of fully adjustable deflection blades spaced  ${}^{3}_{/4}$  in. [19] on center. The blades shall run parallel to the (long/short) dimension of the registers, as indicated in the outlet schedule. The integral volume control damper shall be of the opposed blade type and shall be constructed of cold rolled steel (optional aluminum construction 610DAL, optional stainless steel for 710DSS). The damper shall be operable from the register face. The damper shall be coated steel (mill finish aluminum 610DAL, 304 stainless 710DSS). The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 520 / 620 / 720 - SUPPLY GRILLES

Furnish and install Price model (520 steel / 620 aluminum / 720 stainless steel) supply grilles of the sizes and mounting types indicated on the plans and outlet schedule. Grilles shall be double deflection type with two sets of fully adjustable deflection blades spaced  ${}^{3}_{/4}$  in. [19] on center. The front set of blades shall run parallel to the (long/short) dimension of the grille, as indicated in the outlet schedule. The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 520D / 620D / 720D- SUPPLY REGISTERS

Furnish and install Price model (520D steel / 620D aluminum / 720D stainless steel) supply registers of the sizes and mounting types indicated on the plans and outlet schedule. Registers shall be double deflection type with two sets of fully adjustable deflection blades spaced <sup>3</sup>/<sub>4</sub> in. [19] on center. The front set of blades shall run parallel to the (long/short) dimension of the register, as indicated in the outlet schedule. The integral volume control damper shall be of the opposed blade type and shall be constructed of cold rolled steel (optional aluminum construction 620DAL). The damper shall be operable from the register face. The damper shall be coated steel (mill finish aluminum 620DAL). The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 530 / 630 / 730 - RETURN GRILLE

Furnish and install Price model (530 steel / 630 aluminum / 730 stainless steel) return grilles of the sizes and mounting types indicated on the plans and outlet schedule. Grilles shall be 45 degree deflection fixed louver type with blades spaced  ${}^{3}_{/4}$  in. [19] on center. The blades shall run parallel to the (long / short) dimension of the grille. The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 530D / 630D / 730D- EXHAUST REGISTERS

Furnish and install Price model (530 steel / 630 aluminum / 730 stainless steel) exhaust registers of the sizes and mounting types indicated on the plans and outlet schedule. Registers shall be 45 degree deflection fixed louver type with blades spaced <sup>3</sup>/<sub>4</sub> in. [19] on center. The blades shall run parallel to the (long / short) dimension of the register. The integral volume control damper shall be of the opposed blade type and shall be constructed of cold rolled steel (optional aluminum construction 630DAL). The damper shall be operable from the register face. The damper shall be coated steel (mill finish aluminum 630DAL). The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish

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shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 535 / 635 / 735- RETURN GRILLE

Furnish and install Price model (535 steel / 635 aluminum / 735 stainless steel) exhaust grilles of the sizes and mounting types indicated on the plans and outlet schedule. Grilles shall be 45 degree deflection fixed louver type with blades spaced <sup>1</sup>/<sub>2</sub> in. [13] on center. The blades shall run parallel to the (long/short) dimension of the grille. The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 535D / 635D / 735D- EXHAUST REGISTERS

Furnish and install Price model (535 steel / 635 aluminum / 735 stainless steel) exhaust registers of the sizes and mounting types indicated on the plans and outlet schedule. Registers shall be 45 degree deflection fixed louver type with blades spaced  $1/_2$  in. [13] on center. The blades shall run parallel to the (long / short) dimension of the register. The integral volume control damper shall be of the opposed blade type and shall be constructed of cold rolled steel (optional aluminum construction 635DAL). The damper shall be operable from the register face. The damper shall be coated steel (mill finish aluminum 630DAL). The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

### 540 / 540S / 640 / 640S- SUPPLY REGISTER

Furnish and install Price model (540 / 540S / 640 / 640S steel) supply registers of the sizes and mounting types indicated on the plans and outlets schedule. Registers shall be -single deflection type with one set of fully adjustable deflection blades spaced  ${}^{3}$ /<sub>4</sub> in. [19] on center. The blades shall run parallel to the short dimension of the register, as indicated in the outlet schedule. The volume control multi louver blades shall run parallel to the long dimension. The grille shall be finished in (B12 White Powder Coat).

### 510Z / 610Z / 710Z - RETURN GRILLES

Furnish and install Price model (510Z steel / 610Z aluminum / 710Z stainless steel) return grilles of the sizes and mounting types indicated on the plans and outlet schedule. Grilles shall be 0 degree deflection fixed louver type with blades spaced <sup>3</sup>/<sub>4</sub> in. [19] on center. The blades shall run parallel to the (long / short) dimension of the grille. The grille shall be finished in (B12 White Powder Coat / B15 Aluminum Powder Coat / #4 finish on the frame with blades and damper being a 2B finish). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

#### 510ZD / 610ZD / 710ZD- EXHAUST REGISTERS

Furnish and install Price model (510ZD steel / 610ZD aluminum / 710ZD stainless steel) exhaust registers of the sizes and mounting types indicated on the plans and outlet schedule. Registers shall be 0 degree deflection fixed louver type with blades spaced  ${}^{3}/_{4}$  in. [19] on center. The blades shall run parallel to the (long / short) dimension of the register. The integral volume control damper shall be of the opposed blade type and shall be constructed of cold rolled steel (optional aluminum construction 610ZDAL / optional stainless steel 710ZDSS). The damper shall be operable from the diffuser face. The register shall be finished in (B12 White Powder Coat / #4 finish on the frame with blades and damper being a 2B finish). Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.

## SDG / SDGE — SPIRAL DUCT GRILLE

Furnish and install Price model SDG/SDGE supply registers of sizes and mounting types indicated on the plans and outlet schedule. Register shall be double deflection type with two sets of fully adjustable deflection blades spaced <sup>3</sup>/<sub>4</sub> in. [19] on center. The front blades shall run parallel to the short dimension of the register, as indicated in the outlet schedule. The air-scoop shall be adjusted via the operator on the side frame. The register shall be finished in B12 White Powder Coat / galvanized steel / clear anodized. Paint finish shall pass 500 hours of salt spray exposure with no measurable creep in accordance with ASTM D1654 and 1000 hours with no rusting or blistering as per ASTM D610 and ASTM D714.