

## SECTION 15701

### GRILLES, REGISTERS AND DIFFUSERS

#### 1.0 GENERAL

##### 1.1 DESCRIPTION

1. General Provisions and other mechanical systems are specified in other sections of Division 15.
2. This section specifies the requirements for grilles, registers and diffusers and accessories.

##### 1.2 QUALITY ASSURANCE

1. Manufacturers: Grilles, registers and diffusers and associated accessories shall be manufactured by Titus. Equivalent products by Air Devices, Anemostat, Krueger, Carnes, Tuttle and Bailey are acceptable.
2. Products shall be tested and rated in accordance with Air Diffusion Council Equipment Test Code and certified to bear the ADC Seal.
3. Diffuser-fire damper assemblies shall be listed by Underwriters Laboratories.

#### 2.0 PRODUCTS

##### 2.1 GRILLES, REGISTERS AND DIFFUSERS

1. Grilles, registers and diffusers have been selected from the catalogue of one manufacturer. Based on air introduced at 20°F temperature differential, manufacturer shall verify that air will be diffused at the 5 foot level to a velocity not greater than 30 fpm and a temperature differential not greater than 2°F.
2. Grilles, registers and diffusers shall be provided with frames, borders, and mounting attachments for installation in the actual wall, soffit, and ceiling construction in which installed.
3. Grilles, Registers and Diffusers shall be as specified on the drawings or equal approved in writing by the engineer of record or the owner.
4. Manufacturer: Anemostat, Carnes , Krueger , Metal\*Aire, Nailor, Price, Titus , or Tuttle & Bailey.

#### 3.0 EXECUTION

##### 3.1 INSTALLATION

1. Grille, Register and Diffuser Installation shall conform to the drawing details and manufacturers recommended installation guidelines.
2. Diffusers shall be supported independent of the ceiling system.

END OF SECTION