

1. PART 1 – GENERAL

1.1 Product Data

- .1 Submit manufacturer's printed product literature, specifications and datasheet in accordance with Submittal Procedures.
- .2 Indicate following:
 - .1 Capacity.
 - .2 Throw and terminal velocity.
 - .3 Noise criteria.
 - .4 Pressure drop.
 - .5 Neck velocity.

2. PART 2 – PRODUCTS

2.1 General

- .1 To meet capacity, pressure drop, terminal velocity, throw, noise level, neck velocity as indicated.
- .2 Frames:
 - .1 Full perimeter gaskets.
 - .2 Plaster frames where set into plaster or gypsum board as specified.
 - .3 Concealed fasteners.
- .3 Concealed manual volume control damper operators.
- .4 Colour:
 - .1 Standard as directed by Departmental Representative.

2.2 Manufactured units

- .1 Grilles, registers and diffusers of same generic type, products of one manufacturer.

2.3 Grilles and diffusers models

- .1 Supply grille GA-1 :
 - .1 Model in aluminum c/w frame, double deflection blades, steel balancing register, white finish.
 - .2 Acceptable products : EH Price #620DAL, of sizes indicated on plans, or equivalent from Titus or Nailor.
- .2 Return/ exhaust grilles GR-1 :
 - .1 Model in aluminum c/w frame, double deflection blades horizontal, steel balancing register, white finish
 - .2 Acceptable products : EH Price #620D-F-A, of sizes indicated on plans, or equivalent from Titus or Nailor.
- .3 Supply diffusers D-1 :
 - .1 Model in aluminum c/w round collar, and steel balancing register, white finish.
 - .2 Acceptable products : EH Price # SPD-31-B12 of sizes indicated on plans, or equivalent from Titus .
- .4 Supply diffuser D-2 :
 - .1 Aluminum model c/w acoustic plenum, round collar connector, finish white.
 - .2 Acceptable products: EH Price SDS-100/2/14/B12 with 2 slots of 25 mm and 900 mm length, or equivalent from Titus or Nailor.

3. PART 3 – EXECUTION

3.1 Installation

- .1 Install in accordance with manufacturers instructions.
- .2 Install with flat head cadmium plated screws in countersunk holes where fastenings are visible.