

PART 1 - GENERAL**1.1 SYSTEM DESCRIPTION**

- .1 Performance Requirements.
 - .1 Catalogued or published ratings for manufactured items: obtained from tests carried out by manufacturer or those ordered by manufacturer from independent testing agency signifying adherence to Codes and Standards.

1.2 SUBMITTALS

- .1 Product Data.
 - .1 Submit manufacturer's printed product literature, specifications and datasheet in accordance with Section 01 33 00 - Submittal Procedures. Include product characteristics, performance criteria, and limitations.
 - .2 Indicate following:
 - .1 Capacity;
 - .2 Throw and terminal velocity;
 - .3 Noise criteria;
 - .4 Pressure drop;
 - .5 Neck velocity.
- .2 Quality Assurance: Submit the following in accordance with section 01 33 00 - Submittal Procedures.
 - .1 Certificate: Submit catalogued or published ratings obtained from tests carried out by the manufacturer or those ordered by the manufacturer from an independent testing agency demonstrating adherence to codes and standards.
 - .2 Instructions: Submit manufacturer's installation instructions:

1.3 QUALITY ASSURANCE

- .1 Health and Safety: Apply pertinent measures in accordance to Section 01 35 29.06 - Health and Safety Requirements.

1.4 DELIVERY, STORAGE, AND HANDLING

- .1 Packing, Shipping, Handling, and Unloading.
 - .1 Deliver, store, and handle in accordance with Section 01 61 00 - Common Product Requirements.
 - .2 Deliver, store, and handle materials in accordance with manufacturer's written instructions.

1.5 MAINTENANCE

- .1 Extra Materials.
 - .1 Provide maintenance materials in accordance with Section 01 78 00 - Closeout Submittals.
 - .2 Include:
 - .1 Keys for volume control adjustment.

PART 2 - PRODUCTS

2.1 GENERAL

- .1 Standard products meeting requirements regarding following items: air flow, pressure loss, air terminal velocity, range, noise level and velocity at maximum narrowing point (clamp).
- .2 Casing.
 - .1 Aluminum casing: extruded aluminum, satin finish, with mechanical fasteners and miter joints at the angles.
 - .2 Sealing trim surrounding casing.
 - .3 Assembling frame, coated for casing mounted within coated wall or partition, or made from plaster plates, as prescript.
 - .4 Hidden attach system.
- .3 Acceptable products: E.H. Price model LBP 25C/1000 Anodise Aluminium, type C fastening (concealed bracket); Titus; Nailor.
- .4 Characteristics: See note on drawing.

PART 3 - EXECUTION**3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: Comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage, and installation instructions, and datasheet.

3.2 INSTALLATION

- .1 Install in accordance with manufacturers instructions.
- .2 Install with flat head cadmium plated screws in countersunk holes, where fastenings are visible.
- .3 Install balancing dampers with each grid and diffuser.

END OF SECTION