

FE-1050 — A — **A1** — **A2** — **A3** — **A4** — B — **B1** — **B2** — **B3**

Note: Section A must be completed for pricing. Section B must be completed prior to order submission to Paragon. Accessories are listed on Page 2.

SECTION A ELEMENT CONFIGURATION

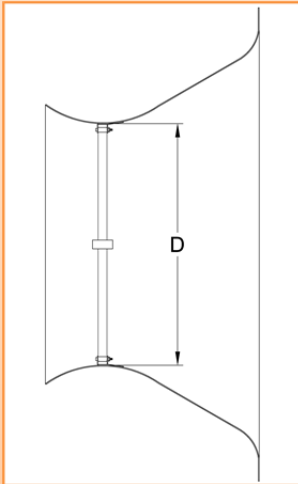
A1: Dimensions

- 1= Inches
- 2= Millimeters

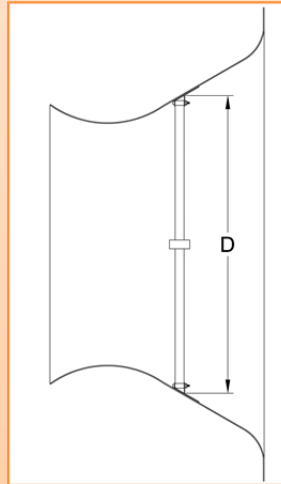
A2: Mounting Configuration

- 1= Minimum Inlet Diameter (Standard)
- 2= Mid-Bell Installation

Minimum Inlet Diameter Installation
(Standard)



Mid-bell Installation



A3: Diameter of Sensing Plane (Specify)

Notes:

- See the drawings for minimum inlet diameter installation and mid-bell installation under Section A2. Specify the diameter "D" of the sensing plane in which the FE-1050 will be installed.

A4: Element Material Type

- 1= 6063-T5 Anodized Aluminum
- 2= Type 316L Stainless Steel
- 3= Type 1 PVC

Notes:

- The FE-1050 assembly is designed to be installed at the minimum inlet diameter of any fan inlet cone not obstructed by inlet vanes.
- FE-1050 elements should not be used on fan inlet applications where the minimum inlet diameter is less than 12 inches.
- Paragon does not recommend installing FE-1050s at the minimum inlet diameter when the velocity is greater than 8,000 fpm because the pressure drop may affect the fan performance. If the velocity is greater than 8,000 fpm a mid-bell installation should be considered. A velocity calculator is included in the FE-1050 Order Form.
- Mid-bell installation configuration will include 30° angle mounting brackets.
- For mid-bell installations, a split ring rolled to the exact diameter of the sensing plane for use as a template to scribe the sensing plane location should be ordered (see Accessories on Page 2). For sensing planes with the same diameter, only one split ring should be ordered for use as a template on multiple fans.

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SECTION B REQUIRED PRODUCTION DATA

Note: This section is not included in the overall part number but must be completed prior to submitting an order to Paragon for proper fabrication.

B1: Tag Number

Example: AHU-1

Note:

– For generic tagging information use AFMS-1, AFMS-2, etc.

B2: System Served

Example: SA

B3: Inlet Configuration

1= Single Inlet (SWSI)

2= Double Inlet (DWDI)

Note:

– For DWDI fans a quantity of (2) FE-1050 fan inlet airflow measuring assemblies are required; each assembly is complete with two airflow measuring elements and pivot mounting hardware.

FE-1050 ACCESSORIES

Note: Accessories are sold separately and are not assembled with the flow sensing element.

Split Ring Ordering Information

SR-

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Specify Diameter of Sensing Plane

Notes:

– For mid-bell installations, a split ring rolled to the exact diameter of the sensing plane for use as a template to scribe the sensing plane location should be ordered. For sensing planes with the same diameter, only one split ring should be ordered for use as a template on multiple fans.