

Type - Series - Feature - B - B1 - B2 - B3 - C - C1 - C2 - C3 - C4 - C5 - C6 - C7

Note: Sections A and B must be completed for pricing. Section C must be completed prior to order submission to Paragon.

**SECTION A
TRANSDUCER MODEL**

Type
 FT=Flow Transducer
 FIT=Flow Indicating Transducer

Series
 1001=Two Wire (4-20 mA Output)
 1003=Three Wire (0-5/0-10 VDC Output)
 1005=Four Wire (Selectable Output)

Feature
FT/FIT-1001 & 1003 Series
 ZV=Zero Valve
 D=Digital Indicating Meter
 DZV=Digital Indicating Meter and Zeroing Valve
 M=Magnehelic Pressure Gauge
 MZV=Magnehelic Pressure Gauge and Zeroing Valve
FT/FIT-1005 Series
 M=Magnehelic Pressure Gauge

Notes:
 - If none of the above listed features are required leave this field blank.
 - Paragon does not recommend using Magnehelic Gauges on applications with full scale velocities less than 1,266 fpm (6.43 m/s).

**SECTION B
TRANSDUCER OPTIONS**

B1: Transducer F.S. Accuracy
FT/FIT-1001 & 1003 Series
 1=1% Full Scale Accuracy (Standard)
 2=0.5% Full Scale Accuracy
FT/FIT-1005 Series
 3=0.5% Full Scale Accuracy (Standard)
 4=0.25% Full Scale Accuracy

B2: Ultra Low Velocity Add
 0=Not Required
 1=Include Ultra Low Velocity Add

Notes:
 - The Ultra Low Velocity Add is required on applications with full scale velocities less than or equal to 1,266 fpm. A velocity calculator is included in the FT/FIT Order Form.

B3: Enclosure Options
FT/FIT-1001 & 1003 Series
Base Unit No Features
 1= FR110 Polycarbonate (Standard)
Models with Zero Valve and/or Digital Indicating Meter
 2=Flame Retardant ABS Plastic (Standard)
 3=NEMA 4
Models with Magnehelic Pressure Gauge
 4=NEMA 1, Aluminum (Standard)
 5=NEMA 4, Steel
FT/FIT-1005 Series
Base Unit No Features
 6= NEMA 12, steel (Standard)
 7=NEMA 4, Steel
Models with Magnehelic Pressure Gauge
 8=NEMA 1, Aluminum (Standard)
 9=NEMA 4, Steel

**SECTION C
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.

C1: Tag Number
 Example: AHU-1

C2: System Served
 Example: SA

C3: Area Factor/Flow Coefficient (Specify)
Notes:
 - When the FT/FIT is being connected to a non-amplified Pitot-type flow sensor (such as those manufactured by Paragon), enter the area of the sensing plane in square feet. For double wide/double inlet fans the area should be summed for both inlets. An area calculator is available in the FT/FIT Order Form.
 - When the FT/FIT is being connected to a sensor with a flow coefficient (such as a piezometer ring), enter the flow coefficient as specified by the manufacturer for the associated model/size AND provide Paragon the flow sensor data sheet.

C4: Engineering Units

| Actual Flow | Standard Flow | Actual Velocity | Standard Velocity |
|------------------------|------------------------|-----------------|-------------------|
| 1=acfm | 6=scfm | 11=afpm | 14=sfpm |
| 2=aL/s | 7=sL/s | 12=am/s | 15=sm/s |
| 3=am ³ /min | 8=sm ³ /min | 13=% | 16=% |
| 4=am ³ /h | 9=sm ³ /h | | |
| 5=% | 10=% | | |

C5: Flow Rate/Velocity (Specify)
Notes:
 - Enter the design maximum flow rate or velocity in the units specified under Section C4.
 - The transducer full scale value will be 130% of the flow rate or velocity specified.
 - Paragon does not recommend using the FT/FIT Series on applications with full scale velocities less than 800 fpm (4.06 m/s).

C6: Site Elevation
Note:
 - Enter site elevation in feet above mean sea level.

C7: Process Output
 1=4-20 mA
 2=0-5 VDC
 3=0-10 VDC
Notes:
 - For FT/FIT-1001 Series select Option 1.
 - For FT/FIT-1003 Series select Option 2 or 3
 - For FT/FIT-1005 Series select Option 1, 2 or 3; the process output is also field selectable.