

## Accessories

### Filtration - Inline Filter (Dual Connection)

# ROTRON®

Inline Filters protect the blower from harmful dust and other particles that may be drawn into the blower through the air distribution system. Normally used in vacuum systems.

#### SPECIFICATIONS:

HOUSING – Steel

MEDIA – Polyester

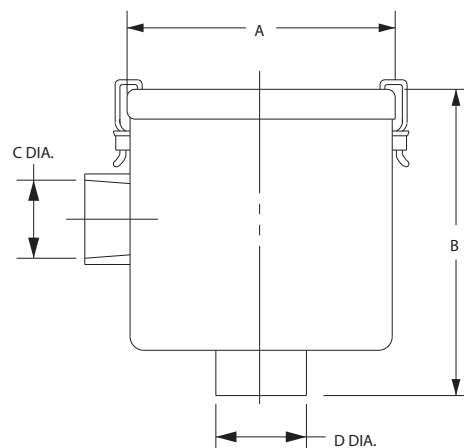
EFFICIENCY – 97-98% (8 to 10 micron particle size)

FILTER ELEMENT – Replaceable (see filter elements)

NOTE: “Z” MEDIA (1 to 3 micron particle size) available

\* Feature 1/4" threaded tap for gauge connection on inlet and outlet

Inline filter PN 271200 is a straight through design  
Inlet is directly opposite of outlet



|                   |        | Part/Model Number |             |             |             |             |            |            |            |
|-------------------|--------|-------------------|-------------|-------------|-------------|-------------|------------|------------|------------|
| Specification     | Units  | 271200            | 516461      | 515254      | 515255      | 515256      | 516463*    | 516465*    | 517611*    |
| Filter Element    | -      | 271078            | 516434      | 516434      | 516435      | 516435      | 515135     | 515135     | 516515     |
| Ref Blower Model  | -      | A                 | B           | C, D        | E           | F           | G          | H          | H          |
| Inlet Connection  | -      | 1.75 SO           | 1.00 NPSC-F | 1.50 NPSC-F | 2.00 NPSC-F | 2.50 NPSC-F | 3.00 NPT-M | 4.00 NPT-M | 6.00 NPT-M |
| Outlet Connection | -      | 2.00 SO           | 1.00 NPSC-F | 1.50 NPSC-F | 2.00 NPSC-F | 2.50 NPSC-F | 3.00 NPT-M | 4.00 NPT-M | 6.00 NPT-M |
| Dimension A       | Inches | 5.25              | 7.25        | 7.00        | 8.00        | 8.00        | 14.00      | 14.00      | 18.00      |
|                   | mm     | 133.4             | 184.2       | 177.8       | 203.2       | 203.2       | 355.6      | 355.6      | 457.2      |
| Dimension B       | Inches | 8.31              | 6.50        | 6.50        | 10.25       | 10.25       | 26.50      | 27.00      | 28.00      |
|                   | mm     | 211.1             | 165.1       | 165.1       | 260.4       | 260.4       | 673.1      | 685.8      | 711.2      |
| Dimension C       | Inches | 2.00              | 1.00        | 1.50        | 2.00        | 2.50        | 3.00       | 4.00       | 6.00       |
|                   | mm     | 50.8              | 25.4        | 38.1        | 50.8        | 63.5        | 76.2       | 101.6      | 152.4      |
| Dimension D       | Inches | 1.75              | 1.00        | 1.50        | 2.00        | 2.50        | 3.00       | 4.00       | 6.00       |
|                   | mm     | 44.5              | 25.4        | 38.1        | 50.8        | 63.5        | 76.2       | 101.6      | 152.4      |
| Z Media Filter PN | -      |                   | 517886      | 517887      | 517888      | 517889      | 517890     | 517891     | 517892     |

#### Blower Model Reference Key

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| A = SPIRAL                                | E = DR/EN/CP 656, 6, 633, S7                           |
| B = DR/EN/CP 068, 083, 101, 202           | F = DR/EN/CP 757, 808, 858, S9, P9 (Inlet Only)        |
| C = DR/EN/CP 303, 312, 313, 353           | G = DR/EN/CP 833, S13, P13 (Inlet Only)                |
| D = DR/EN/CP 404, 454, 513, 505, 555, 523 | H = DR/EN/CP 909, 979, 1233, 14, S15, P15 (Inlet Only) |

This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions. AMETEK is not responsible for blowers driven beyond factory specified speed, temperature, pressure, flow or without proper alignment. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Sales department.

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