## Cylindrical Filter Receiver - Walk In, Top Load Pulse Jet - Tubular Bag - Style III

### Model: 120TB-FRWT-65:55

![Diagram of cylindrical filter receiver](image)

### Dimensions (in.)

- **Nominal Dimensions**
  - **Filter Length (IN.):**
  - **Filter Area (SQ. FT.):**
  - **Filter Area (SQ. FT.)**
  - **A (DIA.):**
  - **B (STYLE):**
  - **C (STYLE II):**
  - **D (STYLE II):**
  - **M (STYLE III):**
  - **E (STYLE I):**
  - **F (STYLE II):**
  - **G (STYLE III):**
  - **H (STYLE III):**

### Nominal Dimensions Values

- **Number of Valves:**
  - **Type I (STD SHIP WT., LBS.):**
  - **Type II (STD SHIP WT., LBS.):**

### Notes:

- **Model Shown:** 120TB-FRWT-65:55

### Support Gussets (Typ.)

- **Custom Outlet Sizes and Shapes Available**

### Interstitial Area Based on a Bag Cross Sectional Area of 0.21 SQ. FT.

- **No. of Bags:****
  - **Housing Lb.:****
  - **Interstitial Area (SQ. FT.):****

### Filter Receiver - Top Removal, 60 Series

- **Sizes:** 58 to 102 Bags
- **Model:** Walk-In Clean Air Penum

### Filter Information Table

<table>
<thead>
<tr>
<th>Style II (Housing Flange Pattern)</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Bags</td>
<td>Dimensions (IN.)</td>
</tr>
<tr>
<td>58</td>
<td>72</td>
</tr>
<tr>
<td>65</td>
<td>78</td>
</tr>
<tr>
<td>80</td>
<td>84</td>
</tr>
<tr>
<td>102</td>
<td>90</td>
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</tbody>
</table>

### Tangential Inlet w/ Interior Cone

- **6" Diameter Bag Filter Design; 4.5" Diameter Filter Designs Available**

### Materials of Construction

- **Filter Receivers Available In:**
  - Carbon Steel
  - Stainless Steel
  - Aluminum

### Standard Structural Ratings

- **Pressure Rating: 14.9 PSI
  - Vacuum Rating: 17" Hg

### Other Filter Styles

- **Filter Media Available In:**
  - Paper Cartridges
  - Spun Bond Pleated Elements

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**Help Note:** CYLINDRICAL FILTER RECEIVER - WALK IN, TOP LOAD PULSE JET - TUBULAR BAG - STYLE III

**Note:** "55" Designates IAC's 60 SERIES - 6.25" Diameter Bag Filter Design; 4.5" Diameter Filter Designs Are Available.
Help note

CYLINDRICAL FILTER RECEIVER - WALK IN, TOP LOAD PULSE JET - TUBULAR BAG - STYLE III

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<tbody>
<tr>
<td>120TB-FRW1-133-S6</td>
<td>120°</td>
<td>2159</td>
<td>105°</td>
<td>120°</td>
<td>125°</td>
<td>269 1/4</td>
<td>17 1/4</td>
<td>52°</td>
<td>32 1/4</td>
<td>88°</td>
<td>356 1/4</td>
<td>140°</td>
<td>409 1/4</td>
<td>13</td>
<td>6398</td>
<td>8758</td>
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<tr>
<td>144TB-FRW1-135-S6</td>
<td>144°</td>
<td>3091</td>
<td>108°</td>
<td>150°</td>
<td>150°</td>
<td>317 1/4</td>
<td>17 1/4</td>
<td>52°</td>
<td>369 1/4</td>
<td>89°</td>
<td>406 1/4</td>
<td>140°</td>
<td>457 1/4</td>
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<td>7356</td>
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<td>168TB-FRW1-164-S6</td>
<td>168°</td>
<td>3222</td>
<td>108°</td>
<td>174°</td>
<td>174°</td>
<td>385 1/4</td>
<td>17 1/4</td>
<td>52°</td>
<td>417 1/4</td>
<td>89°</td>
<td>454 1/4</td>
<td>140°</td>
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<td>174°</td>
<td>470 1/4</td>
<td>18 3/4</td>
<td>58°</td>
<td>423 1/4</td>
<td>99°</td>
<td>503 1/4</td>
<td>156°</td>
<td>426 1/4</td>
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<td>174°</td>
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<td>58°</td>
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<td>99°</td>
<td>455 1/4</td>
<td>156°</td>
<td>558 1/4</td>
<td>16</td>
<td>12190</td>
<td>15085</td>
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</table>

NOTE: "S" DENOTES IAC'S 60 SERIES - 6.25" DIAMETER FILTER DESIGN; 4.5" DIAMETER FILTER DESIGNS ARE AVAILABLE.

* C.S. CONSTRUCTION 60° CONE

INTERSTITIAL AREA BASED ON A BAG CROSS SECTIONAL AREA OF 0.21 SQFT

<table>
<thead>
<tr>
<th>NO. OF HOUSING L.D. (%)</th>
<th>INTERSTITIAL AREA (SQ.FT.)</th>
</tr>
</thead>
</table>
| 133                     | 107 3/4                     | 35.39
| 164                     | 119 3/4                     | 43.77
| 200                     | 143 3/4                     | 70.70

RECEIVER ADD-ON HEIGHT, L, FOR A RECEIVER SECTION WITH A MAXIMUM INLET DIAMETER, K,

<table>
<thead>
<tr>
<th>DIM K</th>
<th>2&quot;</th>
<th>3&quot;</th>
<th>4&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
<th>8&quot;</th>
<th>10&quot;</th>
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<tbody>
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<td>7&quot;</td>
<td>9&quot;</td>
<td>12&quot;</td>
<td>14&quot;</td>
<td>16&quot;</td>
<td>21&quot;</td>
<td>26&quot;</td>
<td>31&quot;</td>
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TANGENTIAL INLET w/INTERIOR CONE

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FILTER INFORMATION TABLE
WALK-IN CLEAN AIR PLENUM
FILTER RECEIVER: TOP REMOVAL 60 SERIES
SIZES: 133 TO 200 BAGS
MODEL: WALK-IN CLEAN AIR PLENUM

CD378-03