GENERAL NOTES, FILTER SPECIFICATIONS FOR STANDARD MODELS

1. Design Pressure: Square/Rectangular units: ± 20" W.C. standard design pressure
   Cylindrical/Round units: 17" hg design vacuum; up to 14.9 psig pressure

2. Air Pressure Requirement: 70 to 120 psig

3. Preassembled and Prechecked at Factory

4. Efficiency: 0.2% grit/0.002 maximum outlet emission

5. Tubular style units use a standard 6.0" diameter filter bag. This design is shown for both round and square

6. Power Requirements: 120V, 1 Ph, 60 Hz

7. Casing Construction: 12 ga. steel or 34" plate depending on pressure rating and application

8. Tubeshell Construction: 3/16" thick, carbon steel; 3/8" x 5" stiffeners

9. Stiffeners: 4" x 4" flat bar, carbon steel

10. Flanges and Rings: 2 1/2" x 2" flat bar, carbon steel

11. 100% Galvanized, 12 wire, corrosion resistant bag support cages

12. Painted Surfaces Metal Prep: Solvent washed, SSPC-SP1, and Powder coat (cleaned SSPC-SP3)

13. Exterior Surfaces: 2 coats: 1 epoxy 2-part primer and 1 finish coat of high solids industrial enamel

14. 100% Exterior Welded: ASME certified weld specifications and procedures

15. 3/4" black nylon or copper interconnecting tubing

16. Access or Gauge Pulse Valves - cast aluminum

17. Hardware - Grade 5, plated; silicone caulking provided

18. Tubeshell is removable, bolted between upper and lower flanges; over 330 bags, tubeshell is sealed to casing

19. Diaphragm Pulse Valve Sizes: 3 rows up to 6 rows; 3/4" diaphragm

20. NEMA 4, dust and watertight, electrical instruments and panels

21. Air Pressure Gage: 0 to 150 psig

22. Aluminum Bulkhead Fittings

23. IAC Side (Bottom) Load and Walk-in CAP design units

24. Top Door Style Units: Lift-Off Doors with Top Deck Fail-Perimeter Handrail and 4" Kickplate

25. Top Load Style Units: Inspection Door located in Hopper (Style 3) or Housing (Style 2)

26. "DP" Differential Pressure Gauge (Magnetic)

27. Sloped Roof - Top Door Style Units

28. Door hold down assembly must on top door units shall be 304 SST

29. Drawing to be used for Lay-Out and Engineering purposes only

30. Style 3 (Hopper Section) Discharge - Options Sizes Available

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**Help note**

**BAGHOUSE - BOTTOM LOAD PULSE JET - TUBULAR BAG - STYLE III**

**Nominal Dimensions (N.)**

<table>
<thead>
<tr>
<th>NO. OF BAGS</th>
<th>Nominal Inner Dia. (IN.)</th>
<th>Interstitial Area (SQ FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td>55.3/4&quot;</td>
<td>11.29</td>
</tr>
<tr>
<td>64</td>
<td>83.3/4&quot;</td>
<td>24.18</td>
</tr>
<tr>
<td>100</td>
<td>79.3/4&quot;</td>
<td>23.47</td>
</tr>
</tbody>
</table>

**Panel, Top Mounted Fan Discs**

1. 17 3/4" REF. VARIES BASED ON ENCLOSURE AND CONFIGURATION

2. CLEAN AIR PLenum ACCESS PANEL OR TOP MOUNTED FAN DISCACE

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**Technical Details**

- **Materials of Construction:**
  - Carbon Steel
  - Stainless Steel
  - Aluminum
  - Standard Structural Ratings
  - Pressure Rating: 20" W.C.
  - Vacuum Rating: 20" W.C.
  - Other Valves Styles

- **Filter Media Available in:**
  - Paper cartridge
  - Spun and filter element

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**Instructions for Assembly**

- **BAGCUP & VENTURI ASSEMBLY**
  - Filter Element
  - Vertical Stiffener
  - Filter Element
  - Hopper
  - 2" NPT Compressed Air Inlet and 2" NPT Drain Port

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**General Information**

- Industrial Accessories Company
- Sizes: 49 to 100 bags
- Model: Refer to Table Above
- Catalog: CD.311-02