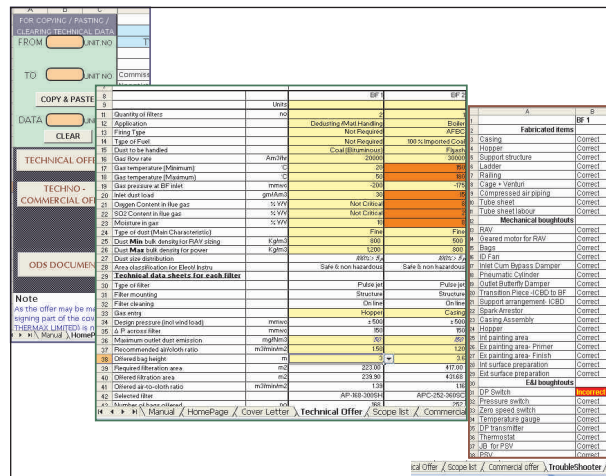


Online Product Configurator Screen Shots

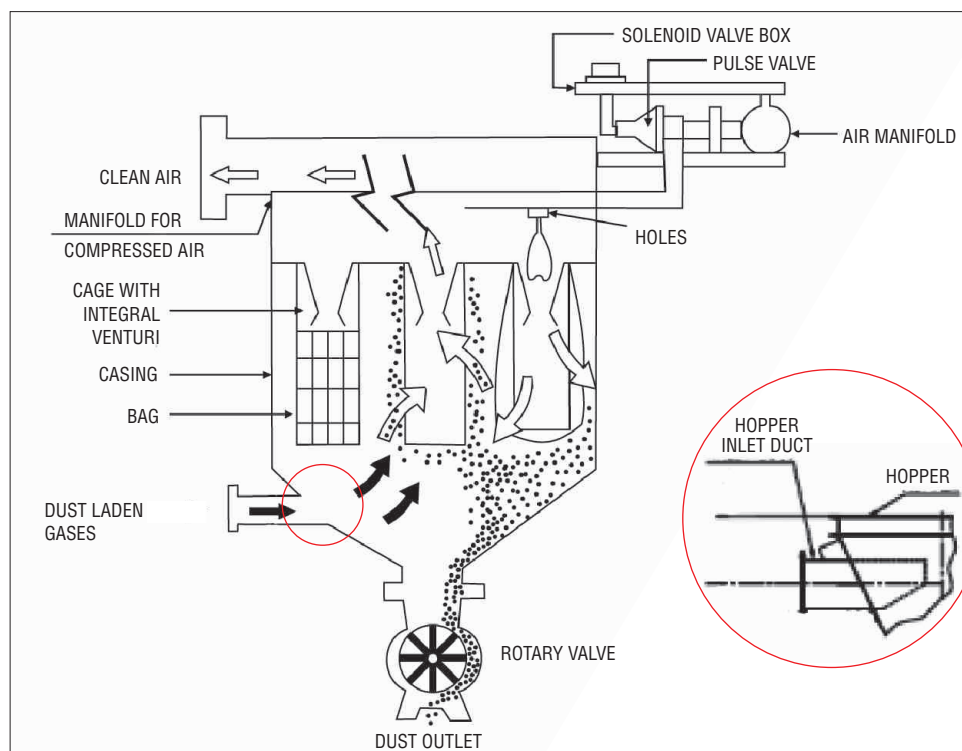


Wide Range of Models

| Series | No. of Bags | Approx Bag Length (cm) | Type of Mounting | Gas Entry Type |
|----------|-------------|------------------------|-----------------------|------------------------|
| AJ/AP | 24 to 180 | 300/360 | F= Flush Mounted | N = N. A. |
| AJ/AP | 24 to 396 | 300/360 | S= Structure Mounted | H = Hopper Entry |
| AJ/AP | 216 to 396 | 300/360 | S= Structure Mounted | P = Preseparator Entry |
| AJC/ APC | 24 to 396 | 300/360 | S = Structure Mounted | C = Casing Entry |

A Typical Model: AJ- 144-360SH. Note: AJ / AJC => Tube Sheet with up to 36 Bags, AP / APC => Tube Sheet with 42 Bags

Schematic of a Pulse Jet Bag Filter



Sept '08/ 3000

In view of our constant endeavour to improve the quality of our products, we reserve the right to alter or change specifications without prior notice.



THERMAX

Sustainable Solutions in Energy & Environment

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Thermax Business Portfolio

Air Pollution Control

Absorption Cooling

Boilers & Heaters

Captive Power

Chemicals

Water & Waste Solutions



Enviro Division



ACE JET™ BAG FILTERS

Fully Standardized Offerings

Cleaning the air for better returns

Improving your business is our business

Thermax offers products, systems and solutions in energy and environment engineering to industrial and commercial establishments around the world. Its business expertise covers heating, cooling, waste heat recovery, captive power, water treatment & recycling, air pollution control & waste management and performance chemicals. Thermax brings to customers extensive experience in industrial applications, and expertise through technology partnerships and strategic alliances.

Operating from its headquarters in Pune (Western India), Thermax has built an international sales & service network spread over South East Asia, Middle East, Africa, Russia, UK and the US. It has a full fledged manufacturing set up that is certified for ISO 9001:2000, ISO 14001 and safety management according to OSHAS (ISO 18000).

Enviro Division was conceived with a belief that *pollutants are inevitable but pollution is not*. An acknowledged leader in Air Pollution Control and Purification business, it offers a wide range of flange-to-flange products, customised systems and value-added services. Thermax-Enviro is present in most industries and application segments therein, viz. cement, steel, non-ferrous metallurgical, power plants, fertilisers, tyres, paper, chemicals, petrochemicals and textiles.

Why the Ace Jet Series

When the market's requirement for shorter cycle times was understood by Thermax, the result was the Ace Jet Series of fully standardized bag filter units. This series enables completely pre-engineered deliverables, right from the proposals to dispatches stage.



Casing Design with Standard grid type Optimally designed and better stiffener



Cage with Integral Venturi Design

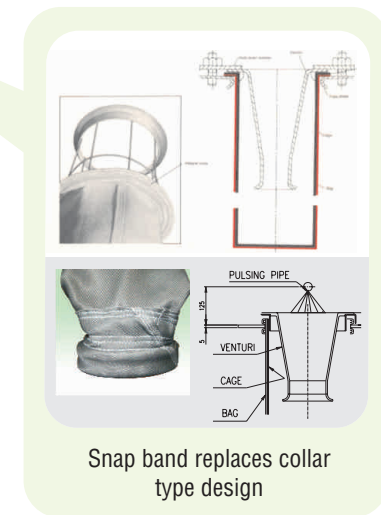


Small Size Top Covers

| SR. NO. | FEATURES | BENEFITS |
|---------|--|--|
| 1 | Standard grid type stiffener designed in ANSYS(FEA Software) | <ul style="list-style-type: none"> Optimally designed with better aesthetics Design checked using state of the art solid modeling and analysis software to ensure safety under design conditions |
| 2 | Snap type bag design | <ul style="list-style-type: none"> Ensures low outlet emissions |
| 3 | Cage with integral Venturi, always with HR aluminium paint | <ul style="list-style-type: none"> Ease of installation and maintenance Can withstand high temperature |
| 4 | Standardized bag and cage lengths ensuring adequate clearances on horizontal & vertical planes | <ul style="list-style-type: none"> Ensures that the bag flexes properly for dust discharge with optimum bag 'pinch' being a critical aspect Takes care of thermal expansion of cage |
| 5 | Collapsible bolted ladder | <ul style="list-style-type: none"> Easy handling, reduced transportation volume & cost |
| 6 | Improved pulsing system | <ul style="list-style-type: none"> Easy alignment & removal of pulsing pipe during maintenance. |
| 7 | Improved top cover Design | <ul style="list-style-type: none"> Smaller size ensures ease of maintenance Special design with rubber flats for improved sealing efficiency Rubber flats give better sealing |
| 8 | Specially designed gas entry paths for specific applications | <ul style="list-style-type: none"> Preseparator entry for high dust load For manual fired boilers and single hopper models, step baffles in hopper for proper gas distribution For all other boilers, casing entry with perforated sheets for pre-collection & better gas distribution |
| 9 | Differential Pressure (DP) mode cleaning under low pressure for glass bags | <ul style="list-style-type: none"> Ensures cleaning on-demand; reduces bag flexing cycles and enhances bag life. |
| 10 | Standardized accessories for operational safety easy scope add-on's wherever required | <ul style="list-style-type: none"> Leak-proof Inlet-cum-bypass-damper and Outlet damper for automatic system isolation under high / low temperature situations, standardized for gas flow ranges Spark arrestors, standardized for gas flow ranges An array of instruments pressure switch / gauge, DP switch / gauge, hopper level switch, zero-speed switch etc |
| 11 | Online Product Configurator | <ul style="list-style-type: none"> Online filter selection Provides online cost sensitivity analysis to select optimum cost options |

Standardized models, yet a wide range of options

- Filtration Area: 68 options
- Casing and Hopper: 2 thickness options each
- Support Structure: 4 ground clearance options
- Cages: 4 variables, 24 options
- Bags: 7 variables, 370 options
- Rotary Airlock Valves: 4 variables, 48 options
- ID Fans: 5 variables, 832 options



Snap band replaces collar type design



Improved pulsing system