

DUST COLLECTOR APPLICATION DATA SHEET



Please fill out as much information as possible.

Date

Company Name

Contact Name

Address

City

State

ZIP

Phone

E-mail

Application Parameters

| | | | | | |
|-----------------------|-------------------|--------------------|----------------|-----------|-----|
| Collector Location | Indoors | Outdoors | Plant Location | | |
| Elevation | Relative Humidity | | Ambient Temp | F C | |
| Particulate | Bulk Density | | % Moisture | | |
| Dust Loading | gr/cf | Gas Volume | ACFM | SCFM | |
| Normal Operating Temp | F C | Max Operating Temp | F C | | |
| System Pressure | WC | | Hg | | |
| Explosive | Yes | No | KST | Pmax | |
| Sticky | Yes | Clumping | Yes | Toxic | Yes |
| | No | | No | | No |
| Abrasive | Yes | Hydroscopic | Yes | Corrosive | Yes |
| | No | | No | | No |

Comments

Design Parameters

Thickness

| | | | |
|-------------------|------------|-----------|----------|
| Clean Air Plenum | Mild Steel | Stainless | Aluminum |
| Bin Vent | Mild Steel | Stainless | Aluminum |
| Baghouse | Mild Steel | Stainless | Aluminum |
| Filter Receiver | Mild Steel | Stainless | Aluminum |
| Cyclone Separator | Mild Steel | Stainless | Aluminum |

Comments

| | | | | | |
|---------------------------|--|-----------------------|-----------------|--------------------|--------|
| Filter Access | Top | Side | Walk-in Plenum | | |
| Filter Shape | Rectangle | Hopper Angle | | 60 | 70 |
| | Round | Other | | | |
| Product Inlet(s) | Stub | Flanged | Size | | |
| | Radial | Tangential | | | |
| Clean Air Discharge | Stub | Flanged | Size | | |
| Hopper Discharge | Square | Round | Size | Mating To | |
| Filtration Media | Filter Bags | Pleated Elements | | Media Specs | |
| Bag Cages | Galvanized | Stainless | Epoxy Coated | | |
| | 12 Wire | 20 Wire | | | |
| Structural Support | Clearance below Hopper Discharge (in inches) | | | | |
| | Caged Ladder | Self-closing Gate | | Hopper Poke Hole | |
| | Vibratory Channel | Silo Companion Flange | | Header on Handrail | |
| | Winterization Kit | Air Filter/Regulator | | | |
| Interconnecting Tubing | Nylon | Copper | Stainless Steel | | |
| Electrical Classification | NEMA 12 | NEMA 4 | NEMA 4X | NEMA 7 | NEMA 9 |

| | | | | |
|-------------------------------|-----------------------|-----------------------|----------------|-----------------------|
| DP Gauge | Magnehelic | Level Indicator | | High level |
| | Photohelic | | | Low level |
| | Smart Timer Board | | | Broken Bag Detector |
| | Auto DP Port Cleanout | | | |
| Timer / Solenoid Voltage | 110 VAC | 220 VAC | 24 VDC | 50 Hz |
| | | | | 60 Hz |
| Interior finish specification | | | | Interior Welds 100% |
| | | | | Interior Welds Ground |
| Exterior finish specification | | | | Exterior Welds 100% |
| | | | | Exterior Welds Ground |
| | Polyurethane finish | Sanitary White finish | Hi-temp finish | |

[Comments](#)

Accessories

| Fan | Top mount | Side mount | Remote mount |
|-----|----------------------------|------------|------------------------|
| | Airlock / Rotary Valve | | Double Flap/Dump Valve |
| | Knifer / Roller Gate Valve | | Barrel Lid Kit |
| | Explosion / rupture panel | | Spark Arrestor |
| | Sprinkler Kit | | Davit Arm |
| | High Entry Inlet | | Extra Side Access Door |

[Comments](#)
