

# 330 Sq.Ft. Pulse Jet Dust Collector



Operation Recommendations: Supply unit with 100 PSI air pressure and 110 volt power. Turn on unit when the filling cycle begins and continue to operate unit 15 minutes after filling cycle is complete.

## Dust Collector Specifications

## Filter Cartridge Specifications

Total Filtration Area	330 Sq. Ft.
Air to Cloth Ratio (ACFM/Sq.')	4.8
Pressure Drop	6"
Air Capacity	1600
Outlet Area (Sq.')	.83
Cleaning Method	Pulse Jet
Inlet Dust Concentration at 15 Gr./Cu.'	25,000
Outlet Emissions (Gr./Min)	2.50
Outlet Dust Loading (Gr./Cu.')	.0015
Air Consumption	8 CFM
Solenoids	3 w/ Timer Board

Dimensions	(6) 10.09" OD x 5.75" ID x 30" height
Top End Cap	G60 Galvanized-Open with 11.000" Flange
Bottom End Cap	G60 Galvanized-Closed
Gasket	5/8" Height x 10" ID Neoprene
Outline Retainer	Retainer Bands
Inner Core	Galvanized Expanded Metal, 72% Open
Filter Area	55 Square Feet
Fiber	100% Spun Bond Polyester
Material Weight	8 oz / Square Yard
Permeability	24 C.F.M.
Mullen Burst Dry	388 PSI
Temperature Limit	275 Degrees Fahrenheit
Efficiency	99.99%

# 330 Pulse Jet Dust Collector

## **Instructions for Changing Cartridges in Pulse Jet Dust Collector**

- Open the access doors on top of the dust collector
- Remove the u-bolts holding the blower tubes in place
- Loosen the (3) pipe unions and remove the blower tubes
- Remove the dust cartridge holders
- Remove the used dust cartridges
- Install new dust cartridges
- Install dust cartridge holders (making sure cartridge is as centered in the hole as possible) tighten the nuts on the dust cartridge holders (do not overtighten)
- Install blower tubes and tighten the pipe unions (making sure the blow down tubes are centered in the dust cartridges)
- Install the u-bolts to hold the blower tubes
- Close secure the access doors
- Inspect the dust cartridges monthly and change every 6 to 12 months

# “Belle” Style Dust Collector



## Dust Collector Specifications

The dust collector is equipped with either an air powered or electric powered vibrator used for cleaning of the bags. If air powered, connect air supply line to the 3/8” NPT coupling located on center above the door, and supply the vibrator with 80 psi oiled or non-oiled air. If electric powered, reconnect power cord which exits the top side of dust collector, to the control box supplied. Operate vibrator for 15 minutes after each load of material has been blown in.

Sq. Ft. Bag Area	Cap. Cement
150	375 C.F.M.
225	675 C.F.M.

## Filter Sock Specifications

Style	PE 37
Fiber	100% Polyester
Weight	9 oz./Sq. Yd.
Construction	Spun/ Spun
Count	100W x 60F
Air Permeability	20-30 C.F.M.
Mullen Burst	500 PSI
Tensile Strength	Warp Direction 300# Fil Direction 275#
Max. Operating Temperature	275 Degrees F`
Efficiency	99.99%

# “Belle” Style Dust Collector

## **Instructions for Changing Dust Socks in Belle Dust Collectors**

- Remove the round top lid and rectangular access door of the dust collector
- Loosen the (4) 3/8” adjustment bolts above the round vibrator plate (This allows slack in the socks)
- Loosen the hose clamps at the bottom of the dust socks
- Pull the dust socks up off the sock rings and unhook them from the J-Bolts
- Hook the new dust sock on the J-Bolt
- Place the bottom of the dust sock over the sock ring making sure the dust sock is all the way to the bottom of the sock ring
- Place the hose clamp around the sock ring and tighten
- Once all of the socks have been replaced, tighten the (4) 3/8” adjustment bolts until the dust socks are taunt or free of wrinkles
- Check to make sure that none of the dust socks have pulled off the sock rings
- Replace the round top lid and the rectangular access door
- Inspect the dust socks monthly and change every 6 to 12 months