

MTM Central Dust Collectors Specification

ELPC 8000

Filter Area (Sq. Ft.)	969
No. of Cartridges	60
Filter Diameter	19.5" Envelope
Filter Length	59.3"
Filter Material	Singed Polyester
Efficiency	99.9 by weight
Max Flow Rate (CFM)	8000
Air/Cloth Ratio	8.3 : 1

CLPC 8000

Filter Area (Sq. Ft.)	1424
No. of Cartridges	16
Filter Diameter	11.4" x 14.4" Oval Cartridge
Filter Length	26"
Filter Material	Synthetic Fiber
Efficiency	99.999 to 1 Micron
Max Flow Rate (CFM)	8000
Air/Cloth Ratio	5.6 : 1

ELPC 4000

Filter Area (Sq. Ft.)	485
No. of Cartridges	30
Filter Diameter	19.5" Envelope
Filter Length	59.3"
Filter Material	Singed Polyester
Efficiency	99.9 by Weight
Max Flow Rate (CFM)	4000
Air/Cloth Ratio	8.3 : 1

CLPC 4000

Filter Area (Sq. Ft.)	712
No. of Cartridges	8
Filter Diameter	11.4" x 14.4" Oval Cartridge
Filter Length	26"
Filter Material	Synthetic Fiber
Efficiency	99.9 to 1 Micron
Max Flow Rate (CFM)	4000
Air/Cloth Ratio	5.6 : 1
Cleaning Mechanism	Vibratory
Flow Rate (CFM)	650
Air/Cloth Ratio	2.40
Outlet Size	6" x 8"
Outlet Velocity (Ft./Min.)	1950

RA 1000

Filter Area (Sq. Ft.)	1000
No. of Bags	104
Bag Diameter	4 7/8"
Bag Length	72"
Bag Material	Spun Polyester
Material Weave	Sateen
Air Permeability (CFM/Sq. Ft.)	20
Efficiency	99.6% to 1 Micron
Cleaning Mechanism	Reverse Air
CFM	6000
Air/Cloth Ratio	5
Pressure Drop	6"

RA 1500

Filter Area (Sq. Ft.)	1500
No. of Bags	104
Bag Diameter	4 7/8"
Bag Length	108"
Bag Material	Spun Polyester
Material Weave	Sateen
Air Permeability (CFM/Sq. Ft.)	20
Efficiency	99.6% to 1 Micron
Cleaning Mechanism	Reverse Air
CFM	8000
Air/Cloth Ratio	4.6
Pressure Drop	6"

MS 1000

Filter Area (Sq. Ft.)	1000
No. of Bags	104
Bag Diameter	4 7/8"
Bag Length	72"
Bag Material	Spun Polyester
Material Weave	Sateen
Air Permeability (CFM/Sq. Ft.)	20
Efficiency	99.6% to 1 Micron
Cleaning Mechanism	Mechanical Shaker
CFM	5000
Air/Cloth Ratio	5
Pressure Drop	6"

MS 1500

Filter Area (Sq. Ft.)	1500
No. of Bags	104
Bag Diameter	4 7/8"
Bag Length	108"
Bag Material	Spun Polyester
Material Weave	Sateen
Air Permeability (CFM/Sq. Ft.)	20
Efficiency	99.6% to 1 Micron
Cleaning Mechanism	Mechanical Shaker
CFM	7000
Air/Cloth Ratio	4.6
Pressure Drop	6"

MTM Silo Filter Vents Specification

MBV-4

Filter Area (Sq. Ft.)	480
No. of Cartridges	4
Cartridge Diameter	12.75"
Cartridge Length	26
Cartridge Material	Synthetic Fiber
Efficiency	99.999
Max Flow Rate (CFM)	up to 1800
Air/Cloth Ratio	1.5 : 1

CJP 270

Filter Area (Sq. Ft.)	270
No. of Cartridges	3
Cartridge Diameter	12.75"
Cartridge Length	36"
Cartridge Material	Spun Bond Polyester
Efficiency	99.995
Flow Rate (CFM)	600
Air/Cloth Ratio	2.22
Outlet Size (Sq. Ft.)	0.277
Outlet Velocity (Ft/Min.)	2166

CJP 360

Filter Area (Sq. Ft.)	360
No. of Cartridges	4
Cartridge Diameter	12.75"
Cartridge Length	36"
Cartridge Material	Spun Bond Polyester
Efficiency	99.995
Flow Rate (CFM)	600
Air/Cloth Ratio	1.66
Outlet Size (Sq. Ft.)	0.277
Outlet Velocity (Ft/Min.)	2166

CJP 450

Filter Area (Sq. Ft.)	450
No. of Cartridges	5
Cartridge Diameter	12.75"
Cartridge Length	36"
Cartridge Material	Spun Bond Polyester
Efficiency	99.995
Flow Rate (CFM)	600
Air/Cloth Ratio	.75
Outlet Size (Sq. Ft.)	0.277
Outlet Velocity (Ft/Min.)	2166

SFV 170

Bag Area (Sq. Ft.)	170
No. of Bags	22
Bag Diameter	4 7/8"
Bag Length	72"
Bag Material	9.1 oz. Spun Polyester
Material Weave	Sateen
Air Permeability (CFM/Sq. Ft)	20
Efficiency	99.6% to One Micron
Cleaning Mechanism	Vibratory
Flow Rate (CFM)	650
Air/Cloth Ratio	3.82
Outlet Size	6" x 8"
Outlet Velocity (Ft./Min.)	1950

SFV 270

Bag Area (Sq. Ft.)	270
No. of Bags	35
Bag Diameter	4 7/8"
Bag Length	72"
Bag Material	9.1 oz. Spun Polyester
Material Weave	Sateen
Air Permeability (CFM/Sq. Ft)	20
Efficiency	99.6% to One Micron
Cleaning Mechanism	Vibratory
Flow Rate (CFM)	650
Air/Cloth Ratio	2.40
Outlet Size	6" x 8"
Outlet Velocity (Ft./Min.)	1950

DISCHARGE INTO BAGS

CEMENT SILO

LB / HR
GR / FT³

INTO CARTRIDGES

.177 LB/YD³* ___YD³/HR
.078 GR HR/LB FT³* ___LB/HR

FLYASH SILO

LB / HR
GR / FT³

INTO CARTRIDGES

.115 LB/YD³* ___YD³/HR
.117 GR HR/LB FT³* ___LB/HR

OUT OF CARTRIDGES

FOR ALL OUT OF CARTRIDGES VALUES, MULTIPLY THE INTO CARTRIDGES VALUES BY .001