



DMC dust collector parameter table

Product introduction: The DMC pulse bag dust collector adopts a high-pressure (0.3 ~ 0.35 MPa) large-flow pulse valve to spray and clean the filter bags individually. Compared with other domestic single machines, it has the characteristics of large cleaning kinetic energy and high cleaning efficiency. It is also small in size, light in weight, simple and compact in structure, and easy to install and maintain (external filter type).

Application scope: metallurgy, chemical industry, machinery, casting, mining, cement, building materials, food, pharmaceuticals, light industry, electricity

Modle								
Listings		DMC-24	DMC-36	DMC-48	DMC-64	DMC-80	DMC-120	DMC-150
Total filter area (m ²)		19.2	28.8	38.4	51.2	64	96	120
Filtration wind speed (m/min)		1.00-2.00	1.00-2.00	1.00-2.00	1.00-2.00	1.00-2.00	1.00-2.00	1.00-2.00
Air volume handled (m ³ /h)		1152-2304	1728-3456	2304-4608	3072-6144	3840-7680	4800-9600	5760-11520
Filter bag quantity (PCS)		24	36	48	64	80	120	150
Filter bag size (mm)		Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000
Gas consumption (m ³ /min)		0.204	0.204	0.204	0.204	0.204	0.204	0.204
Inlet concentration (g/Nm ³)		100						
Outlet concentration (mg/Nm ³)		50						
Blowing pressure (MPa)		0.3-0.4						
Withstand pressure (Pa)		±5000						
Equipment resistance (Pa)		1200~1700						
Dust removal efficiency (%)		>99%						
Pulse valve	Specification	1"						
	Amount	4	6	6	8	8	12	15
Motor power		2.2KW	3KW	4KW	5.5KW	7.5KW	11KW	15KW
Dimensions L*W*H (CM)		146*157*400	191*146*400	191*180*450	225*180*450	245*214*500	313*214*500	364*214*500
Gr.wt (KG)		600	720	960	1280	1500	1920	2850

Modle Listings								
		DMC-200	DMC-240	DMC-300	DMC-360	DMC-480	DMC-600	DMC-720
Total filter area (m ²)		160	192	240	288	384	480	576
Filtration wind speed (m/min)		1.00-1.50	1.00-1.50	1.00-1.50	1.00-1.50	1.00-1.50	1.00-1.50	1.00-1.50
Air volume handled (m ³ /h)		9600-14400	11520-17280	14400-21600	17280-25920	23040-34560	28800-43200	34560-51840
Filter bag quantity (PCS)		200	240	300	360	480	600	720
Filter bag size （mm）		Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000	Φ133×2000
Gas consumption (m ³ /min)		0.204	0.204	0.204	0.204	0.204	0.204	0.204
Inlet concentration (g/Nm ³)		100						
Outlet concentration (mg/Nm ³)		50						
Blowing pressure (MPa)		0.3-0.4						
Withstand pressure (Pa)		±5000						
Equipment resistance (Pa)		1200~1700						
Dust removal efficiency （%）		>99%						
Pulse valve	Specification	1"						
	Amount	20	20	25	30	40	50	60
Motor power （KW）		18.5KW	22KW	30KW	37KW	45KW	55KW	75KW
Dimensions L*W*H （CM）		459*214*500	459*248*500	544*248*500	639*248*500	819*248*600	999*248*600	1169*248*600
Gr.wt （KG）		3800	4320	5100	5760	7200	9000	10800

Note: The 2.2KW-15KW centrifugal fan is directly connected to the dust collector housing.
The 18.5KW-75KW centrifugal fans are floor-standing and connected to the dust collector housing by pipes.