



# DBS

## Deeb Bed Scrubber

### VEL DBS

*Our Deep Bed Scrubber (DBS) is a highly efficient bulk media scrubber crafted for controlled environments facing medium-to-high levels of contaminant gases. The DBS effectively counteracts the corrosive effects of gases and is well-suited for applications in hostile environments. Each DBS is engineered to deliver "G1" air quality to the protected space, adhering to the environmental standard definition established by the International Society of Automation (ISA).*

### Configuration options

	Single wall
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### Material Options

Galvanized	Stainless	Aluminum
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### Standard features

TEFC motor	Gasketed doors	Pre & Final filters
Motor starter	Clean out ports	Mounting skid
Lifting lugs	Anticorrosion hardware	Weatherproofing

### Optional features

ECM Motor (HE)	Dampers	
Magnehelic gauges	Up to 4 passes	VFD
Rain louvers	Color options	Redundant blowers

### Recommended Applications

Petrochemicals	Geothermal	Pulp & paper
Hospitals	Museums	Control rooms
Steel mills	Server rooms	Food & Beverage



Bulk Media

## DBS Data

### English units

CFM	Pass Vol	Dimensions (ft)	
	ft <sup>3</sup>	W	H
400	5	2	2
600	7	2	3
800	9	2	4
1,200	14	4	3
1,600	18	4	4
2,000	22	4	5
2,400	26	4	6
3,000	33	6	5
3,600	39	6	6
4,200	45	6	7
4,800	52	8	6
5,600	60	8	7
6,400	68	8	8
7,200	76	8	9
9,000	95	10	9
10,000	105	10	10

### Metric Units

(m <sup>3</sup> /h)	Pass Vol	Dimensions (cm)	
	m <sup>3</sup>	W	H
680	0.14	61	61
1,020	0.19	61	91
1,360	0.25	61	121
2,040	0.39	121	91
3,060	0.51	121	121
3,400	0.62	121	152
4,078	0.73	121	182
5,090	0.93	182	152
6,116	1.1	182	182
7,130	1.27	182	213
8,155	1.47	243	182
9,500	1.69	243	213
10,800	1.92	243	243
12,330	2.15	243	274
15,290	2.69	304	274
16,990	2.97	304	304