

A large, black, industrial-grade ceiling fan with six blades, mounted on a ceiling. The fan has a central motor housing with the Greenheck logo. The background is a dark blue gradient.

# DS | HVLS

8 TO 24-FOOT FAN DIAMETERS

## The **Next Generation** is Here

Introducing the all-new Greenheck DS HVLS fans—engineered from the ground up to redefine performance, reliability, and versatility in large-scale airflow solutions. Designed to meet the evolving demands of industrial, commercial, and outdoor environments, these next-generation fans deliver unmatched air movement, energy efficiency, and configurability. With cutting-edge features, simplified installation, and compatibility with the industry’s most advanced control systems, the new DS-6 and DS-3 are not just upgrades—they’re the new standard in HVLS fan technology.

### SIZES

- 8 sizes, third-party certified fan diameters between 8 - 24 feet
- 3 or 6 bladed options with larger coverage areas and reversible operation

### PERFORMANCE

- Airflow range up to 281,700 cfm
- Cooling effects up to 15°F
- Ceiling Fan Energy Index values up to 83% higher than the U.S. Department of Energy’s requirements

### MOTOR

- 1-1/2 and 2 hp, direct drive
- Rated for maximum operating temperature of 131°F (55°C)
- IP66 ingress protection rating

### COMPATIBILITY

- Modbus RTU
- BACnet® MSTP
- 0–10VDC
- And more!

### PRIMARY APPLICATIONS

Warehouses | Distribution Centers | Manufacturing Facilities | Automotive Garages or Dealerships  
Police and Fire Stations | Fitness Centers | Military Facilities | Public Works Facilities  
Aviation Facilities and Airports | Stadiums and Arenas



**GREENHECK**  
Building Value in Air.

# DS-6 | HVLS

8 TO 24-FOOT FAN DIAMETERS



## PERFORMANCE DATA

### MODEL DS-6

FAN SIZE (ft)	*VOLTAGE	MAX AIRFLOW (CFM)	MAX COVERAGE AREA (ft <sup>2</sup> )	FAN RPM AT 40% SPEED	**CFEI AT 40% SPEED	FAN RPM AT 100% SPEED	**CFEI AT 100% SPEED	MOTOR SIZE (HP)	TOTAL SOUND PRESSURE (dBA)	***BASE FAN WEIGHT (lbs)
8	LV	38,900	13,657	77	2.34	193	1.77	1-1/2	45	157
	HV	37,700								
10	LV	59,800	16,526	66	2.67	164	1.40	1-1/2	49	166
	HV	59,700								
12	LV	88,000	17,542	59	2.34	146	1.34	1-1/2	49	175
	HV	87,000								
14	LV	118,540	18,589	51	2.03	126	1.39	1-1/2	49	184
	HV	115,700								
16	LV	152,900	19,667	44	2.02	110	1.55	2	48	207
	HV	145,700								
18	LV	180,900	21,913	38	2.08	94	1.51	2	47	216
	HV	174,700								
20	LV	206,000	26,135	32	2.14	81	1.39	2	52	225
	HV	201,600								
24	LV	281,700	28,715	27	2.27	67	1.33	2	50	244
	HV	276,000								

FAN SIZE (ft)	*VOLTAGE	SPEED (RPM)						AIRFLOW (CFM)						INPUT POWER (WATTS)					
		0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%
8	LV	-	39	77	116	155	193	-	5,400	14,600	21,400	32,000	38,900	6	29	74	158	312	543
	HV	-						-	5,200	13,200	17,700	31,000	37,700	9	55	92	173	319	543
10	LV	-	33	66	99	132	164	-	8,400	25,200	35,500	44,900	59,800	6	30	85	211	446	861
	HV	-						-	12,300	24,700	33,900	44,600	59,700	9	57	116	228	462	893
12	LV	-	29	59	88	117	146	-	14,300	34,100	51,600	66,400	88,000	6	31	103	267	617	1202
	HV	-						-	19,000	32,000	53,000	67,000	87,000	9	57	121	288	565	1090
14	LV	-	25	51	76	101	126	-	22,400	41,400	67,500	94,280	118,540	6	32	115	341	737	1416
	HV	-						-	23,700	44,100	69,900	94,400	115,700	9	59	134	333	716	1342
16	LV	-	22	44	66	88	110	-	25,700	55,600	85,500	117,300	152,900	6	42	139	360	803	1522
	HV	-						-	11,600	60,700	85,600	114,600	145,700	9	73	160	386	783	1463
18	LV	-	19	38	56	75	94	-	26,700	64,100	100,500	142,300	180,900	6	35	132	353	779	1589
	HV	-						-	22,500	63,800	101,600	136,100	174,700	9	71	154	367	797	1521
20	LV	-	17	32	49	65	81	-	25,400	73,400	120,200	162,900	206,000	6	37	130	354	793	1672
	HV	-						-	24,000	69,100	119,000	160,300	201,600	9	68	159	392	824	1621
24	LV	-	13	27	40	54	67	-	23,600	104,100	165,500	225,000	281,700	6	38	150	419	973	2084
	HV	-						-	44,300	101,700	164,600	220,100	276,000	9	70	164	439	967	2052

The AMCA Certified Ratings Seal applies to air performance ratings only. The AMCA Certified Ratings Seal applies at free delivery only. Performance ratings do not include the effects of appurtenances (accessories).

\*LV = 208-277V/1 phase or 208-230V/3 phase; HV = 460V/3 phase

\*\*Ceiling Fan Energy Index (CFEI) based on ANSI/AMCA Standard 208 and 10 CFR 430.

\*\*\*Weight does not include accessories or optional features.



Greenheck Fan Corporation certifies that the model DS-6 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



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# DS-3 | HVLS

8 TO 24-FOOT FAN DIAMETERS



## PERFORMANCE DATA

### MODEL DS-3

FAN SIZE (ft)	*VOLTAGE	MAX AIRFLOW (CFM)	MAX COVERAGE AREA (ft²)	FAN RPM AT 40% SPEED	**CFEI AT 40% SPEED	FAN RPM AT 100% SPEED	**CFEI AT 100% SPEED	MOTOR SIZE (HP)	TOTAL SOUND PRESSURE (dBA)	***BASE FAN WEIGHT (lbs)
8	LV	35,700	11,063	84	2.21	210	1.81	1-1/2	44	141
	HV	31,600								
10	LV	49,000	14,116	63	2.38	158	1.80	1-1/2	46	146
	HV	45,000								
12	LV	77,100	15,058	62	2.33	154	1.47	1-1/2	48	150
	HV	75,400								
14	LV	95,900	16,029	52	2.28	130	1.37	1-1/2	50	155
	HV	95,000								
16	LV	122,800	17,542	46	2.77	115	1.55	1-1/2	48	159
	HV	121,000								
18	LV	148,100	19,124	43	2.40	107	1.26	1-1/2	48	164
	HV	152,700								
20	LV	176,000	20,774	36	2.40	89	1.48	2	48	183
	HV	172,900								
24	LV	209,800	23,081	26	2.66	66	1.42	2	48	192
	HV	203,500								

FAN SIZE (ft)	*VOLTAGE	SPEED (RPM)						AIRFLOW (CFM)						INPUT POWER (WATTS)					
		0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%
8	LV	-	42	84	126	169	210	-	3,200	12,700	17,900	29,300	35,700	6	31	67	135	253	441
	HV	-	-	-	-	-	-	-	6,300	12,900	19,300	23,500	31,600	9	63	94	158	267	456
10	LV	-	32	63	95	127	158	-	8,900	16,600	27,800	38,900	49,000	6	28	58	123	237	428
	HV	-	-	-	-	-	-	-	9,700	19,600	28,700	38,000	45,000	9	63	81	141	254	426
12	LV	-	31	62	93	124	154	-	10,800	26,900	44,600	58,600	77,100	6	28	75	191	401	803
	HV	-	-	-	-	-	-	-	10,300	27,000	44,500	56,400	75,400	9	56	106	200	389	731
14	LV	-	26	52	78	104	130	-	9,600	34,100	52,300	76,200	95,900	6	27	80	202	423	866
	HV	-	-	-	-	-	-	-	10,200	34,400	56,300	76,900	95,000	9	55	101	204	432	879
16	LV	-	23	46	69	92	115	-	12,200	49,300	71,900	98,700	122,800	6	27	84	219	467	884
	HV	-	-	-	-	-	-	-	11,900	43,800	73,100	97,800	121,000	9	64	105	234	487	893
18	LV	-	21	43	64	86	107	-	20,400	55,500	90,300	125,100	148,100	6	29	94	263	585	1157
	HV	-	-	-	-	-	-	-	13,800	56,400	90,300	124,100	152,700	9	65	116	277	593	1149
20	LV	-	18	35	53	71	89	-	34,400	66,000	102,800	138,700	176,000	6	32	99	251	534	1063
	HV	-	-	-	-	-	-	-	16,900	66,500	98,000	139,600	172,900	9	71	130	288	579	1145
24	LV	-	13	26	40	53	66	-	36,800	78,100	126,900	168,300	209,800	6	29	87	211	457	948
	HV	-	-	-	-	-	-	-	39,700	66,900	121,300	153,700	203,500	9	66	110	220	448	864

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