

DC-5 | HVLS

4.3 TO 7-FOOT FAN DIAMETERS

Elevated Engineering

With its sleek aerodynamic design, Greenheck's DC-5 is a stylish and versatile overhead HVLS fan that creates an impact in any environment. Powerful yet quiet, its attractive five-blade design in 4.3 to 7-foot fan diameters enhances occupant comfort while complementing the interior design of any small commercial or institutional space. With its advanced direct drive motor and VFD, the high-performance DC-5 provides reliable operation and cost savings for years to come.

DIAMETER

- Fan diameters between 4.3 - 7 feet

AIRFLOW AND COOLING

- Airflow range up to 14,508 cfm
- Cooling effect up to 7°F

MOTOR AND VOLTAGE

- 1/10 hp, direct drive motor
- Reversible operation
- 115-230V/1-phase

MOUNTING OPTIONS

- Fan-rated junction box

WARRANTY

- 10-year mechanical
- 3-year electrical

PRIMARY APPLICATIONS

Office Spaces | Education Facilities | Retail Stores | Restaurants and Bars
Fitness Centers | Hotels | Multifamily Housing

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STANDARD FEATURES

PLUG-AND-PLAY WIRING



Factory-installed wiring with plug-and-play connectors for all major electrical connections including:

- Supply wiring to the VFD and motor
- Communication wiring to fan controller

UNIVERSAL CEILING MOUNT



Designed to mount to a fan-rated junction box (provided by others) for maximum installation flexibility. Universal mount also includes a pivoting ball joint to accommodate any ceiling pitch.

DIRECT DRIVE MOTOR AND VFD



Lightweight, direct drive motor is up to 20% more efficient and 10 dBA quieter than traditional motors. Factory-mounted and programmed VFD reduces installation time by eliminating complicated programming in the field.

AIRFOILS AND WINGLETS



Aluminum airfoils are designed to maximize airflow, boost efficiency, and optimize coverage area. Airfoils are available in mill, powder-coat, woodgrain, or anodized finishes. Winglets are designed to reduce fan noise.

ADVANCED SAFETY FEATURES



Factory-installed multipoint, redundant mechanical safety systems ensure proper function and peace of mind. Smart electronic safety features include:

- Over-voltage, over-current and over-temperature
- Enable/disable contacts for remote fan lock-out

ROBUST COMMUNICATIONS



VFDs are designed for Modbus RTU communication with control devices for signal reliability and ease of integration. All fans also include 100 ft of shielded CAT-5e cable to simplify controls installation.

PERFORMANCE DATA

FAN SIZE (ft)	MAX AIRFLOW (CFM)	MAX COVERAGE AREA (ft ²)	MAX RPM	MOTOR SIZE (HP)	SOUND (dBA)	WEIGHT* (lbs)
4.3	6,340	1,000	200	1/10	34	23
5	9,159	1,600	197	1/10	39	24
6	12,424	2,600	165	1/10	39	26
7	14,508	3,200	134	1/10	35	28

*Weight does not include accessories or optional features.



UL/cUL 507
Listed for Electrical
and Damp
File no. E504380

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Building Value in Air.