

# DC-5 | HVLS

8 TO 14-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 8 to 14-foot fan diameters enhances occupant comfort while complementing the interior design of any small to medium 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 8 - 14 feet

### AIRFLOW AND COOLING

- Airflow range up to 55,800 cfm
- Cooling effect up to 13°F

### MOTOR AND VOLTAGE

- 1/4 hp, direct drive motor
- Reversible operation
  - 115V/1-phase;
  - 208-230V/1-phase

### MOUNTING OPTIONS

- I-beams, steel trusses, wood beams, z-purlins, Unistrut®

### WARRANTY

- 10-year mechanical
- 1-year electrical

## PRIMARY APPLICATIONS

Education Facilities | Automotive Garages or Dealerships | Police and Fire Stations | Retail Stores  
Restaurants and Bars | Fitness Centers | Office Spaces

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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
- Fire system integration wiring

### UNIVERSAL CEILING MOUNT



Designed to mount to any ceiling structure via one of Greenheck's optional mounting kits or field-supplied hardware. Universal mount also includes a pivoting knuckle joint to accommodate any ceiling pitch.

### DIRECT DRIVE MOTOR AND VFD



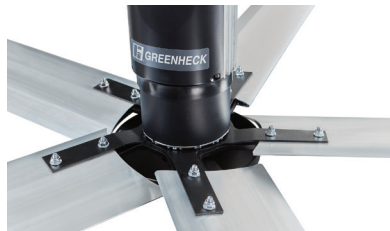
Lightweight, direct drive motor is up to 20% more efficient and 10 dBA quieter than traditional gearbox motors. Factory-mounted and programmed VFD reduces installation time by eliminating complicated programming in the field.

### 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.

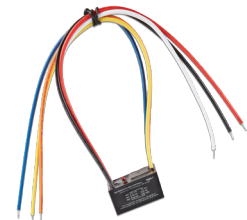
### ADVANCED SAFETY FEATURES



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

- Impact detection for immediate fan shutdown
- Over-voltage, over-current, over-temperature, and over-speed protection

### FIRE SYSTEM INTEGRATION



All fans include a low voltage fire alarm relay that can be wired into the building's fire suppression system for automatic fan shutdown when sprinklers are activated.

## PERFORMANCE DATA

FAN SIZE (ft)	MAX AIRFLOW (CFM)	MAX COVERAGE AREA (ft <sup>2</sup> )	MAX RPM	MOTOR SIZE (HP)	SOUND (dBA)	WEIGHT* (lbs)
8	29,000	9,200	184	1/4	49	70
10	41,200	11,300	140	1/4	55	77
12	50,000	12,000	103	1/4	48	84
14	55,800	12,500	76	1/4	45	91

\*Weight does not include accessories or optional features.



Greenheck Fan Corporation certifies that the model DC-5 (8 to 14-foot) 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.



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

[greenheck.com/hvls](https://greenheck.com/hvls)

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Building Value in Air.