

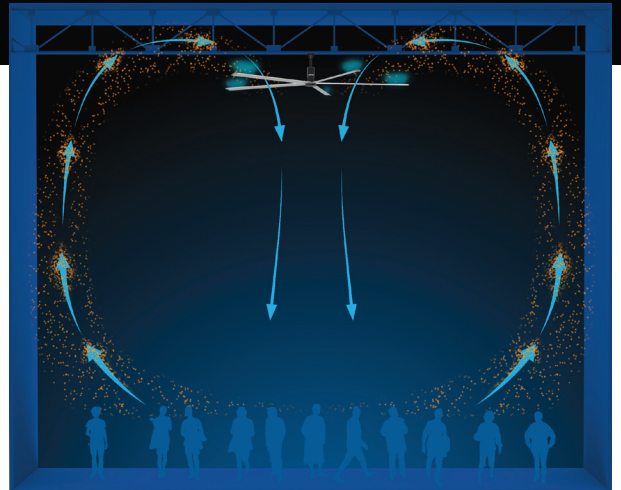
DC-5 with  
Northern Light | HVLS

10 TO 16-FOOT FAN DIAMETERS

## Innovation **Applied**

Greenheck DC-5 with Northern Light® technology combines the air cleaning benefit of upper-room UV-C lighting with the air circulation of overhead HVLS fans. UV-C has been used for decades and the addition of air movement has been shown to increase UV-C's effectiveness in inactivating airborne pathogens in building environments.

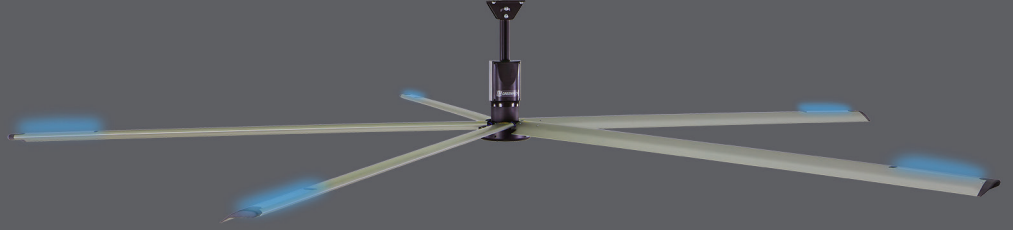
Northern Light UV-C technology is embedded in each fan blade to maximize the pathogens' exposure to UV-C, optimizing the light's effectiveness. In addition, the uplight design directs UV-C light away from occupants and into the upper-room where air is being circulated by the fan, minimizing exposure to UV radiation, for safer system operation. The patent-pending design of DC-5 overhead HVLS fans with Northern Light is superior to competitor products that position UV-C lights in low-airflow zones near the center of the fan, reducing their effectiveness.



### **PRIMARY APPLICATIONS**

Education Facilities | Automotive Garages or Dealerships  
Police and Fire Stations | Retail Stores | Restaurants and Bars | Fitness Centers  
Office Spaces | Warehouses | Distribution Centers | Aviation Facilities & Airports

 **GREENHECK**  
Building Value in Air.



## STANDARD FEATURES

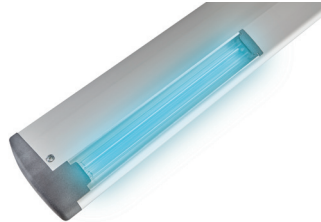
### STRATEGIC UV-C LIGHT POSITION



UV-C lights are positioned at the tips of the fans blades:

- Forces contaminated air to pass through UV-C lights due to the natural airflow path across the fan's blades
- Ensures pathogens are exposed to the maximum UV-C dose for the most effective pathogen inactivation

### BLUE INDICATOR LIGHTS



- Blue light color projected onto ceiling ensures UV-C lights are on and working
- Serves as a reminder to turn off UV-C lights before servicing the fan
- Each UV-C bulb projects an indicator light, making it obvious when maintenance/replacement is required

### UV-C IRRADIATION DAMPERS



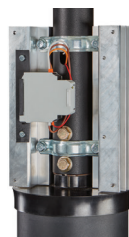
- Interchangeable UV-C irradiation dampers reduce the size of the opening in the fan blade for UV-C light to shine through, effectively reducing the UV-C radiation intensity by as much as 95%
- Allows UV light levels to be optimized for the needs of the space, providing effective yet safe air cleaning

### PLUG-AND-PLAY WIRING



- Fast and easy installation saves building owners time and money
- Foolproof installation of UV-C components ensures everything operates as intended
- Simplified maintenance/replacement of UV-C components compared to other UVGI air cleaning technologies

### SINGLE POWER SUPPLY CONNECTION



- Lower installation costs when compared to other air cleaning solutions as only one electrical circuit is required
- Maintenance is simplified as only one electrical circuit needs to be disconnected to ensure that UV-C lights are off
- No need to disconnect or unwire anything to replace lightbulbs

### NONPROPRIETARY UV-C COMPONENTS



- UV-C bulbs and ballasts can be locally sourced through electrical or lighting suppliers
- Easy replacement and maintenance

## PERFORMANCE DATA

MODEL NAME	MAX AIRFLOW (CFM)	MAX COVERAGE AREA (ft <sup>2</sup> )	MAX RPM	MOTOR SIZE (HP)	SOUND (dBA)	WEIGHT (lbs)
DC-5-10-NL	32,200	4,000	104	1/4	62	44
DC-5-14-NL	41,400	4,700	60	1/4	56	44
DC-5-16-NL	44,000	5,000	38	1/4	56	44

## WIRELESS TABLET CONTROLLER



- Allows for easy, flexible, remote operation of fans and UV-C lights
- Includes automatic shutdown of UV-C lights after programmed amount of run time