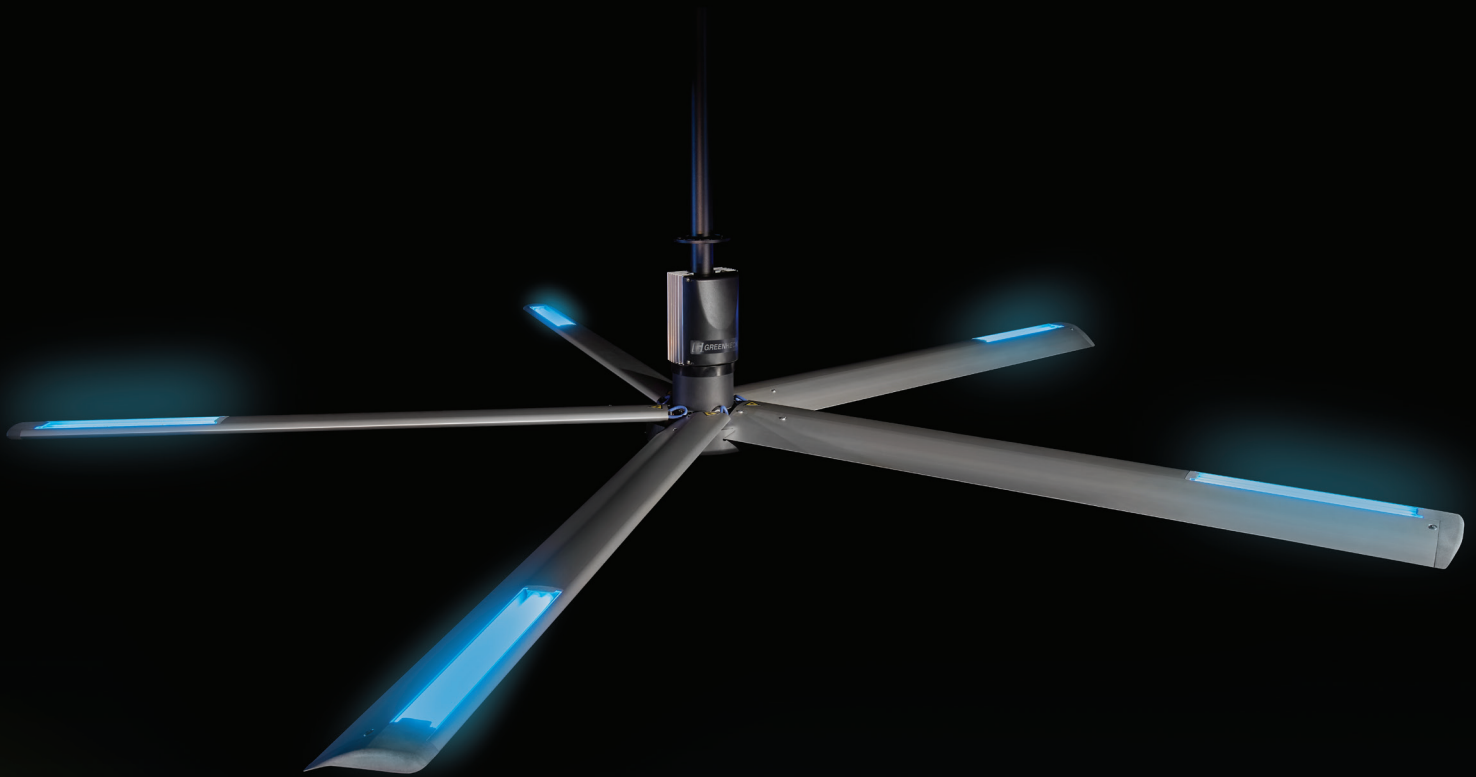


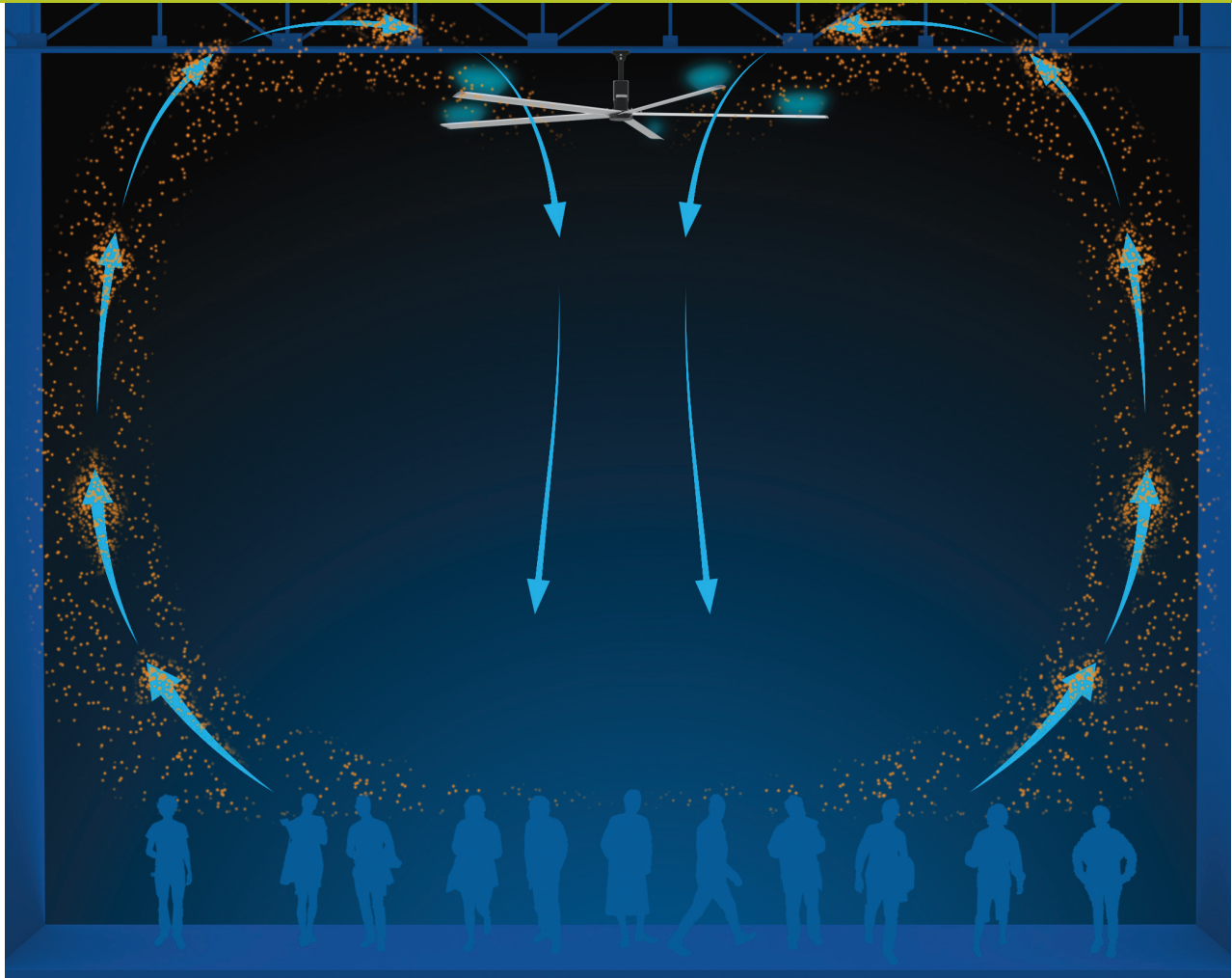
HIGH VOLUME
LOW SPEED



Overhead HVLS Fans
with Northern Light® Technology

The Right Selection for Inactivating Airborne Pathogens

 **GREENHECK**
Building Value in Air.



Greenheck DC-5 with Northern Light® — Taking Comfort and Safety to New Heights

Greenheck DC-5 overhead HVLS fans with Northern Light® technology combine engineered air movement with the air cleaning benefit of upper-room UV-C lighting making it the right selection for inactivating airborne pathogens. 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.

HOW NORTHERN LIGHT TECHNOLOGY WORKS

Non-ozone generating UV-C bulbs are installed inside the HVLS fan blades and positioned toward the tips of the blades where the majority of air movement occurs for the most effective inactivation of pathogens. As the fan operates, contaminated air from the lower portion of the room is circulated to the ceiling where it is exposed to powerful UV-C light as it moves across the fan's blades.

Safety is Built In

Greenheck's DC-5 with Northern Light's upright design directs UV-C light away from occupants, minimizing UV radiation exposure so that fans can be safely utilized in occupied spaces. Fans are also installed a minimum of 10 feet above the floor to further prevent direct line of sight to UV-C lights.

The system also features interchangeable UV-C irradiation dampers that physically reduce the size of the opening in the fan blade for UV-C light to shine through. This reduces the UV-C radiation intensity by as much as 95%, allowing end users to customize UV output for effective yet safe pathogen inactivation in their space.

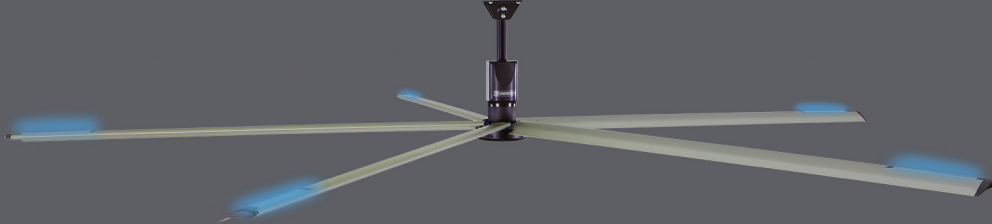
PRIMARY APPLICATIONS

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



PERFORMANCE DATA

MODEL NAME	MAX AIRFLOW (CFM)	MAX COVERAGE AREA (ft²)	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



STANDARD FEATURES

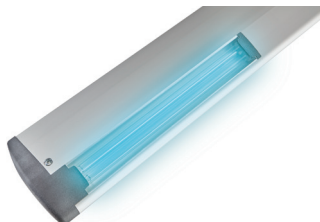
STRATEGIC UV-C LIGHT POSITION



UV-C lights are positioned at the tips of the fan 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



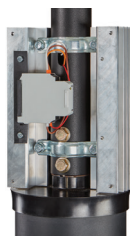
- Interchangeable UV-C irradiation dampers reduce the size of the opening in the fan blade for UV-C light to shine through, effectively reducing the UV-C radiation intensity by as much as 95%
- Allows UV light levels to be optimized for the needs of the space, providing effective yet safe air cleaning

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



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