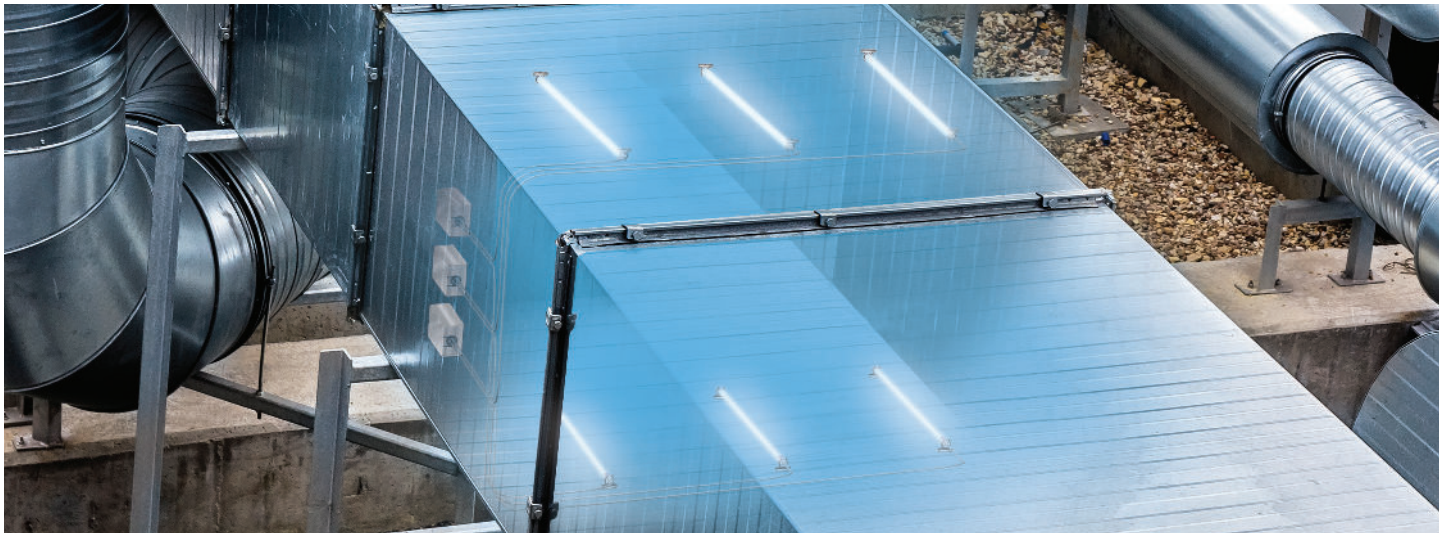
V-MAX™ Coil Cleaning

Product Overview



Cleaner, Energy-Efficient and Environmentally Sustainable Indoor Air Quality

Proven to eliminate bacteria, mold and viruses, which can be dispersed into the air supply, from the moist coil environment. This ensures that clean airflow is cooled by the coil without cross contamination.

- Provides energy savings
- Eliminates costly coil cleaning maintenance and reduces system downtime
- Helps maintain healthy air supply
- Improves temperature and humidity control

Benefits of UV-C Coil Cleaning

UV coil systems are typically installed downstream of the evaporator coil to destroy bacteria, mold and organic matter that grows and collects on cooling coils and surrounding areas.

Clogged Coil

UV Destroys Biofilm

Clean Coil Post-UV

Better Comfort

Coil disinfection prevents biofilm accumulation on fins resulting in effective heat transfer with better temperature and humidity control.

Energy Savings

Maintaining a coil free of microbial growth will maximize coil heat transfer efficiency and reduce energy consumption up to 15% in some systems.

Reduced Maintenance Cost and Less Downtime

UV energy ensures the cooling coil remains clean at all times, eliminating costly coil cleaning maintenance and reducing system downtime

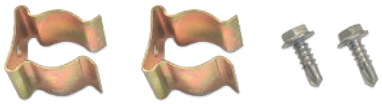
V-MAX™ Coil Cleaning

Designed for In-Duct Use

- Designed for duct-mounting parallel to the airstream providing optimum UV exposure
- Prewired lamp connection reduced installation time
- Low power consumption with universal voltage
- 90° boot lamp connectors for ease of installation
- Available in 21" (53.34 cm), 33" (83.82 cm), 48" (121.92 cm) and 61" (154.94 cm) lamps

90° Booted Lamp Lead is Standard with 5' (1.5 m) Lamp Leads

Straight Lamp Lead is Standard for 10' (3 m) Lamp Leads



Mounting Clips

Easily attach onto lamp ends

Tech Specs

Input Voltage	Lamp Configuration					
	21" (53.34 cm)	Dual 21" (Dual 53.34 cm)	33" (83.82 cm)	Dual 33" (Dual 83.82 cm)	48" (121.92 cm)	61" (154.94 cm)
120	0.45	0.90	0.75	1.45	1.24	1.3
208	0.30	0.60	0.45	0.90	0.75	0.80
240	0.25	0.50	0.40	0.80	0.65	0.70

Designed for use with 120, 208, and 240 VAC input. Approximate current draw (in Amps).

- Rated for temperature 30°F – 135°F (-1°C – 57°C)
- RH: up to 95% non condensing
- 90° boot lamp connectors for ease of installation; boot extends over lamp endcap providing high level of moisture resistance

Regulatory Approvals

ETL listed to UL/Canadian standards:

- UL 1598/CSA 22.2 250
- UL 1995/CSA 22.2 236
- UL 153/CSA 22.2 12

UVDI™ www.uvdi.com • info@uvdi.com • 661.295.8140