

# TRI-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fans  
ideal for industrial & commercial settings



Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite Commercial EC HVLS Fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

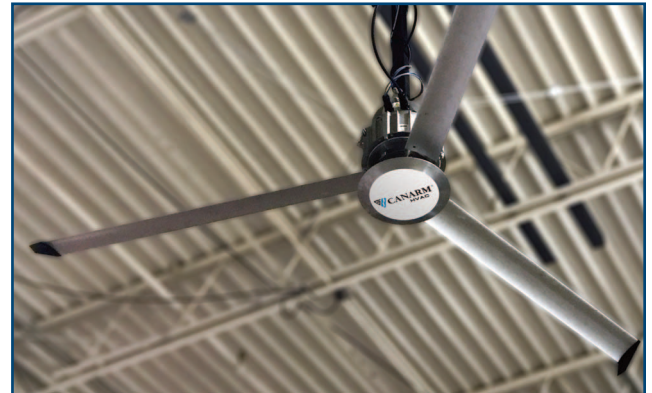


## FEATURES

- Equipped with three extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



Required controller sold separately.  
See HVLS controllers page



## PERFORMANCE SPECIFICATIONS

| MODEL           | DIAMETER | VOLTAGE (VAC)      | MAX RPM | MOTOR FLA | PHASE | HP (KW)    | AREA COVERED (sqft) | MAX EFFECTIVE DIAMETER (ft) | WEIGHT*** (lbs) |
|-----------------|----------|--------------------|---------|-----------|-------|------------|---------------------|-----------------------------|-----------------|
| 3L07MPEC-V*-P** | 7'       | 120-460V (50/60hz) | 204     | 5.2       | 1-3   | 1.35 (1.0) | 3925                | 70                          | 98              |
| 3L08MPEC-V*-P** | 8'       | 120-460V (50/60hz) | 156     | 5.2       | 1-3   | 1.35 (1.0) | 5024                | 80                          | 100             |

\*Replace V with input voltage 115, 230 or 460. ex: 3L10MPEC-230-3

\*\*Replace P with 1 (single phase) or 3 (three phase)

\*\*\*Based on standard 1 ft extension bar

Please note: Direct drive models are not 208 volt, 3 phase capable.

## DIMENSIONS

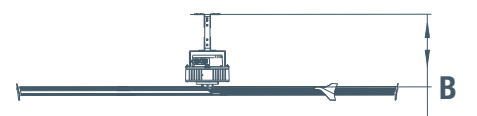
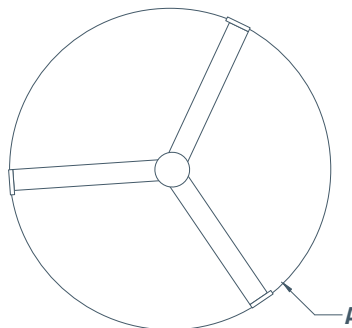
| MODEL           | A  | B***   |
|-----------------|----|--------|
| 3L07MPEC-V*-P** | 7' | 22.25" |
| 3L08MPEC-V*-P** | 8' | 22.25" |

\*Replace V with input voltage 115, 230 or 460.

ex: 3L10MPEC-230-3

\*\*Replace P with 1 (single phase) or 3 (three phase)

\*\*\*Based on standard 1 ft extension bar



# HVLS CONTROLLERS



## AP-1046 AUTOPILOT MULTI-FAN CONTROLLER

Wall mounted controller with 7" LCD touchscreen interface.

Web-based controller supports up to 24 fans. The included mobile controller app allows full control of all your fans from anywhere on or off your wifi network.



## TF-1047 TOUCH 'N' GO CONTROLLER

Operate a single fan in forward / reverse with 0-100% speed control. Easily mounts to wall or electric gang box. Fully digital interface with password lockout capability.

Includes 50 ft. of 4-core cable for installation.



## RC-1077 RADAR CONTROLLER

Digital interface controls all fan functions including programming, fault viewing, and more. Control up to 63 fans individually or as a group. Operate fans for cooling or destratification.



## VLD-1069 VLD CONTROLLER

Easily mounts to wall for controlling each fan individually via an economic digital interface.



## SY-1034-1 SINGLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 100 Ft., 6-core shielded cable. One per fan required.



## DY-1034-2 DOUBLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. Nema 4X. 2) 100 Ft., 6-core shielded cables. One per two fans required.



## TY-1034-3 TRIPLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 3) 100 Ft., 6-core shielded cables. One per three fans required.



## UL-1067 ULTRALITE CONTROL

Easily mounts to wall for controlling each fan individually. Allows operation of the fan for cooling and destratification.

# TRI-LITE EC SERIES CONTROLLERS



## SY-1034-1 SINGLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 100 Ft., 6-core shielded cable. One per fan required.



## DY-1034-2 DOUBLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. Nema 4X. 2) 100 Ft., 6-core shielded cables. One per two fans required.



## TY-1034-3 TRIPLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 3) 100 Ft., 6-core shielded cables. One per three fans required.



## UL-1067 ULTRALITE CONTROL

Easily mounts to wall for controlling each fan individually. Allows operation of the fan for cooling and destratification.

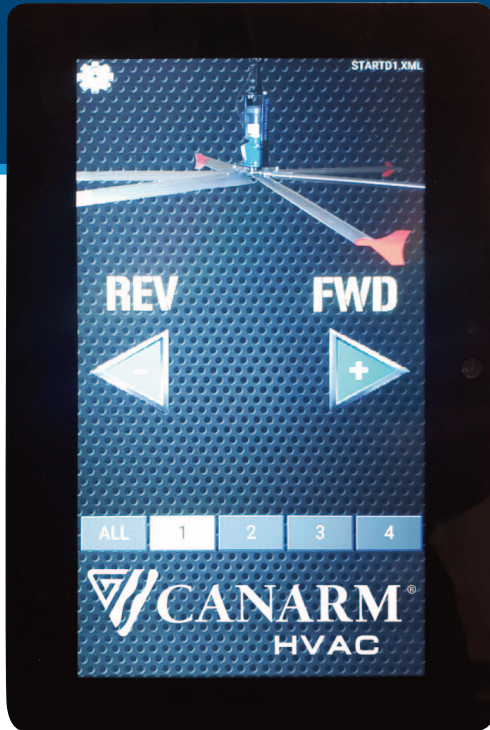


## VLD-1069 VLD CONTROLLER

Easily mounts to wall for controlling each fan individually via an economic digital interface.

# TOUCH 'N' GO PREMIER

## 7" Digital Touch Screen Multi-Fan Controller



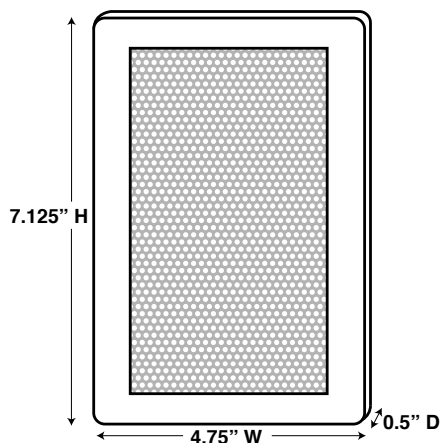
### FEATURES

- Control multiple fans in groups or individually
- Operate your fans in either forward or reverse
- 0-100% speed control
- Fully digital interface
- Visual indicators of speed and direction
- Password lockout capability

### PERFORMANCE SPECIFICATIONS

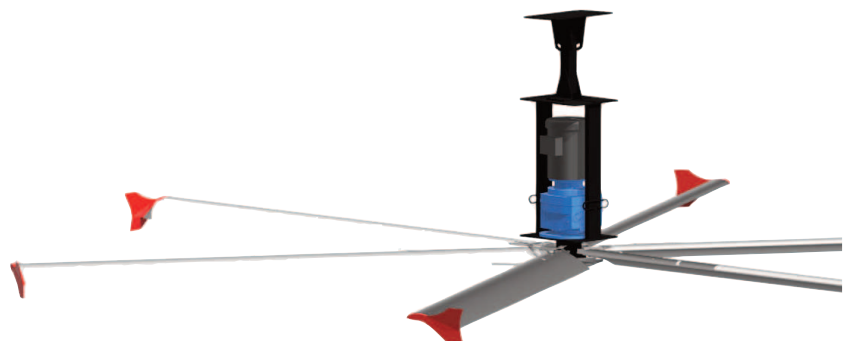
| Power Supply            | Language Protocol   | Touchscreen Size | Enclosure Material | Luminance | Rating | Display Resolution | Connection           | Max. Cable Length       | Weight  |
|-------------------------|---------------------|------------------|--------------------|-----------|--------|--------------------|----------------------|-------------------------|---------|
| External 12V (supplied) | 0-10v signal/Canada | 7"               | Steel              | 380       | IP30   | 272 x 480 pixels   | 4 Core Shielded Wire | 1,640 Feet (500 meters) | 0.5 lbs |

### DIMENSIONS



### PARTS & FANS/CONTROL

- TGPC-1047-02 - Up to 2 geared and direct drive fans
- TGPC-1047-04 - Up to 4 geared and direct drive fans
- TGPC-1047-06 - Up to 6 geared and direct drive fans
- TGPC-1047-08 - Up to 8 geared and direct drive fans
- TGPC-1047-10 - Up to 10 geared and direct drive fans



FOR USE WITH HVLS FANS