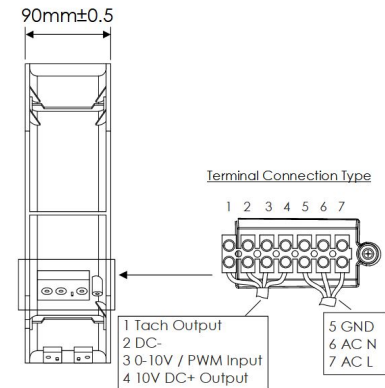
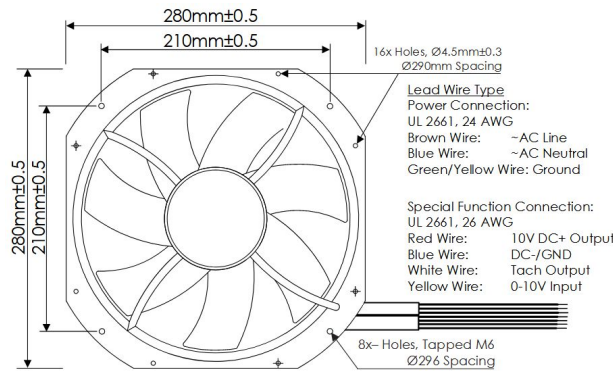


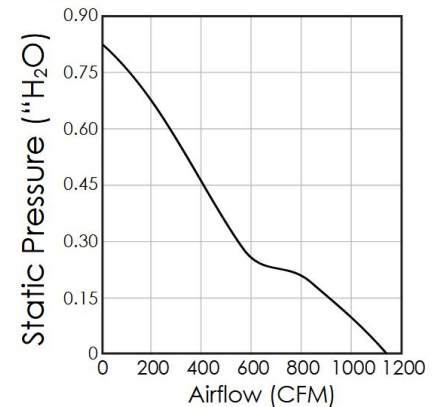
OA280EC Series with 0-10V and Tach



AC Fans - 115, 230V
280mm x 90mm
(11.0" x 3.5")

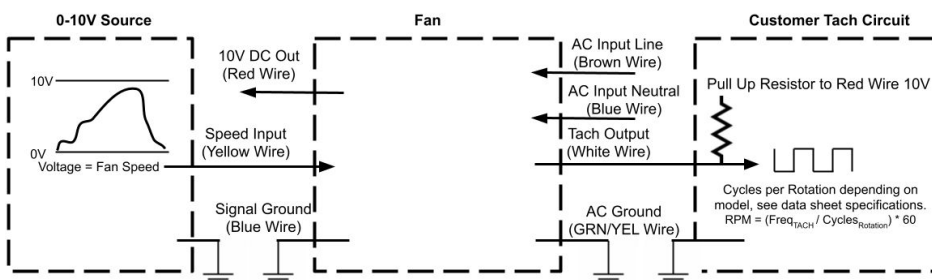


Frame	Die Cast Aluminum, Natural Finish	Operating Temperature -10°C ~ +70°C Storage Temperature -40°C ~ +75°C Life Expectancy 70,000 Hours (L10 at 40°C) Installed Options 0-10V / PWM Speed Control Open Collector Tach Output Available Options IP Ratings All Metal Construction Other Speed Control Inputs Weight: 6.42 lbs.
Impeller	PBT, UL94 V-0 Plastic	
Connection	7x Lead Wires, 24/26 AWG, or Terminals	
Motor	EC, Single Phase, Electronically Protected	
Bearing System	Ball Bearings	
Dielectric Strength	1500VAC/min, <1mA	
Insulation Resistance	≥10MΩ @ 500V DC	

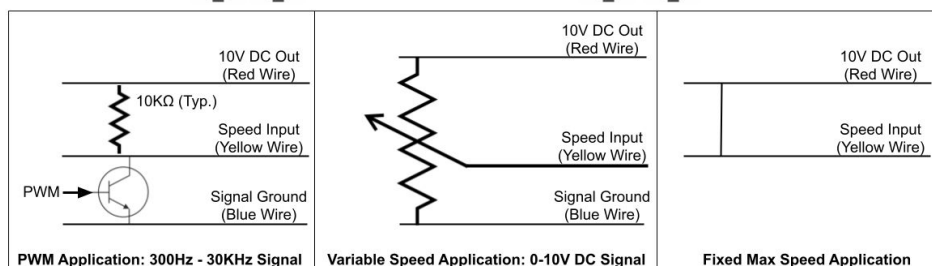


Part Number	Rated Voltage (Volts AC)	Voltage Range (Volts AC)	Frequency (Hertz)	Input Power (Watts)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O")
OA280EC-11-1*B24A	115	100 ~ 125	50 / 60	98 / 120	2500	1135	68.6	0.82
OA280EC-22-1*B24A	230	150 ~ 270	50 / 60	98 / 120	2500	1135	68.6	0.82

* Substitute "T" for Terminal power connection type, or "W" for Lead Wire power connection type.



Tach Max Pullup Voltage: 10V
Tach Recommended Resistor: 10KΩ
Tach Cycles per Revolution: 3
Speed Control Max Voltage: 10V
Speed Control Max Sink Current: 1mA
PWM Frequency Range: 300Hz - 30KHz
PWM Typical Frequency: 25KHz
RPM at 0% Duty Cycle / 0V: 0 RPM



0-10V Speed Control	0V DC	1.5V DC	5V DC	10V DC
RPM	0	600±35%	1350±25%	2500±10%

PWM Duty Cycle	0%	15%	50%	100%
RPM	0	600±35%	1350±25%	2500±10%