





PROCOOL TV80 FAN SERIES RACK MOUNT COOLING SYSTEMS

Intake Models: TV280, TV380, TV480 and TV2280

Exhaust Models: TV280E, TV380E, TV480E and T2280E



Model No.	TV280, TV280E, 	TV380, TV380E 	TV480, TV480E 	TV2280, TV2280E 
Panel Size:	2U (19" w x 3.5" h x 1.5" d)	2U (19" w x 3.5" h x 1.5" d)	2U (19" w x 3.5" h x 1.5" d)	2U (19" w x 3.5" h x 1.5" d)
Panel color/material:	Black/metal	Black/metal	Black/metal	Black/metal
Fan Size:	80mm x 80mm x 38mm	80mm x 80mm x 38mm	80mm x 80mm x 38mm	80mm x 80mm x 38mm
Number of Fans:	2	3	4	4
Fan Speed (per fan):	4200 RPM	4200 RPM	4200 RPM	4200 RPM
Air Flow Direction	INTAKE (*E = EXHAUST)	INTAKE (*E = EXHAUST)	INTAKE (*E = EXHAUST)	INTAKE (*E = EXHAUST)
Air Flow (combined):	106 CFM	159 CFM	212 CFM	212 CFM
Static Pressure (per fan):	0.740 in H ₂ O	0.740 in H ₂ O	0.740 in H ₂ O	0.740 in H ₂ O
Noise (combined):	42 dBA	44 dBA	45 dBA	45 dBA
Thermistor Probe length	n/a	n/a	n/a	n/a
Grills/Guards:	Black Wire	Black Wire	Black Wire	Black Wire
Bearings:	Precision Ball Bearings	Precision Ball Bearings	Precision Ball Bearings	Precision Ball Bearings
Power Supply:	100-240 VAC - 12 VDC	100-240 VAC - 12 VDC	100-240 VAC - 12 VDC	100-240 VAC - 12 VDC
Power Supply Plug:	NEMA 1-15 – 2.1mm	NEMA 1-15 – 2.1mm	NEMA 1-15 – 2.1mm	NEMA 1-15 – 2.1mm
Power Supply Cable:	36"	36"	36"	36"
Current draw:	0.96A	1.44A	1.92A	1.92A
Power consumption:	11.52w	17.28w	23.04w	23.04w
Weight	1 lb.	1 lb.	1.25 lbs.	1.5 lbs.
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)	14 ~ 158°F (-10 ~ 70°C)	14 ~ 158°F (-10 ~ 70°C)	14 ~ 158°F (-10 ~ 70°C)
Storage Temperature:	-40 ~ 158°F (-40 ~ 70°C)	-40 ~ 158°F (-40 ~ 70°C)	-40 ~ 158°F (-40 ~ 70°C)	-40 ~ 158°F (-40 ~ 70°C)

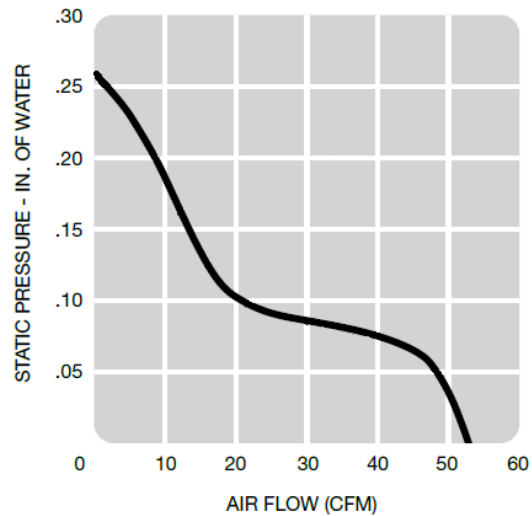
- Specifications are subject to change without notice.

Model TV80 Ultra High Airflow Fan

The TV80 series of fans provide a high airflow cooling solution. Recommended where extreme cooling is required. The TV80 fans provide 53 CFM of airflow with 39 dBA of noise.



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Model TV80 Specifications	
Fan Size:	80mm x 80mm x 25mm
Speed:	4200 RPM
Air Flow:	53 CFM
Static Pressure:	0.260 in H ₂ O
Noise:	39 dBA
Thermistor Probe length	n/a
Grills/Guards:	Black Wire
Bearings:	Precision Ball Bearings
Voltage Range:	6 ~ 13.8VDC
Rated Voltage:	12VDC
Current draw:	0.48A
Power consumption:	5.6w
Weight:	2.79 oz.
Operating Temperature:	14 ~ 158°F (-10 ~ 70°C)
Storage Temperature:	-40 ~ 158°F (-40 ~ 70°C)

MTBF Hours
Has not been evaluated

Maintenance:

Cleaning the fan is the best preventative maintenance. Cleaning frequency would depend on the environment. It is recommended that the blade be cleaned to prevent any buildup of dust. Canned air works well.

Warranty:

3 Years from the date of purchase.