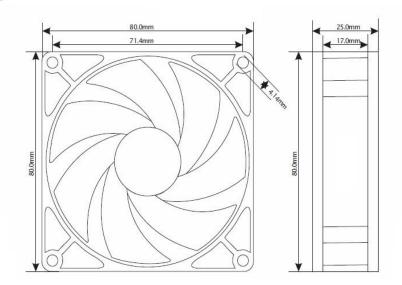# procool
AV Cooling Solutions

Model: **SX80** Data Sheet
80 x 80 x 25mm DC Axial Fan

PROCOOL LLC
Phone: 630-552-9999
email: service@procool.com
www.procool.com

Specifications	
Rated Voltage	12.0 vDC
Voltage Range	8.0~14.0 vDC
Rated Current	0.09 A
Rated Power	1.08 w
Rated Speed	<1600 RPM
Airflow	<32 CFM
Static Pressure	<2.89 mm H^{2}O
Noise Level, 1m, xyz axes avg	<14 dBA
Noise Level, 1m, z axis	<17 dBA
Operating Temperature	-10°/+70° C
Storage Temperature	-40°/+80° C
Bearing	Fluid Dynamic
Weight	2.8 oz

MTBF Hours	
Temperature	L10
30° C	114223
40° C	64072
50° C	37224
60° C	22336
70° C	14012

Pressure Curve

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Operation:

Mount the fan in to blow in the desired direction. The sticker side blows out. Connect to power. The fan will run while power is applied. To stop the fan, disconnect or switch power off.

Blade Removal:

For cleaning and maintenance, the blade prop can be removed.

Grasp the blade prop and pull straight out of the fan body. Inspect the shaft and lubricate if needed. Any oil will work; light grease works best. Clean blade as needed with a dry cloth. Soap and water can be used if needed, but should be thoroughly rinsed and dried before use. Reinstall the blade; when properly installed the blade will snap into place.

Notes:

Comes standard with 300mm 30AWG wires terminated by Molex 2201-2035 or equivalent.

Fan tachometer, 3rd wire RPM sensor, comes standard.

Conforms to CE - Reference 73/23/EEC Low Voltage Directive. Fan housing and fan blade resin

flammability conforms to class UL-94V-2.

Listed under UL E323153.