

SP640 series

PROCOOL SP640 SERIES TEMPERATURE CONTROLLED COOLING SYSTEMS

Intake Models: SP640X, SP640TV

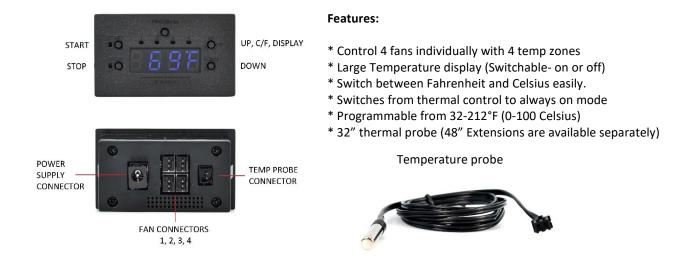
Exhaust Models: SP640X-E, SP640TV-E



SP640X, SP640X-E	SP640TV, SP640TV-E
Quiet Operation	High Airflow
1600 - 99	9:1600-009:
1U (19"w x 1.75"h x 2"d)	1U (19"w x 1.75"h x 2"d)
Black/metal	Black/metal
40mm x 40mm x 20mm	40mm x 40mm x 2mm
6	6
3200 RPM	5000 RPM
INTAKE (*E = EXHAUST)	INTAKE (*E = EXHAUST)
36 CFM	48 CFM
-	2.66mm H ² O
21.77 dBA	30.78 dBA
n/a	n/a
Black Wire	Black Wire
Fluid Dynamic	Dual Ball Bearings
100-240 VAC - 12 VDC	100-240 VAC - 12 VDC
NEMA 1-15P – 2.1mm	NEMA 1-15P – 2.1mm
36"	36"
0.18A	0.42A
2.16w	5.04w
2 lbs.	2 lbs.
14 ~ 158°F (-10 ~ 70°C)	14 ~ 158°F (-10 ~ 70°C)
-40 ~ 158°F (-40 ~ 70°C)	-40 ~ 158°F (-40 ~ 70°C)
SX40	TV40
	Quiet Operation 1U (19"w x 1.75"h x 2"d) Black/metal 40mm x 40mm x 20mm 6 3200 RPM INTAKE (*E = EXHAUST) 36 CFM - 21.77 dBA n/a Black Wire Fluid Dynamic 100-240 VAC - 12 VDC NEMA 1-15P - 2.1mm 36" 0.18A 2.16w 2 lbs. 14 ~ 158°F (-10 ~ 70°C) -40 ~ 158°F (-40 ~ 70°C)

Procool AV Cooling Solutions

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Instructions:

THERMAL PROBE:

Position the probe where you want it to detect the temperature. It can be left as is on the panel for an ambient temp. Or it can be placed at the top of a cabinet or above a hot component. Try to avoid placing the probe where the fans will blow directly on it. For best results, locate the probe where it will detect the most heat.

PROGRAM:

Press the PROGRAM button to set the on and off temperatures for each of the 4 zones. Press the PROGRAM button to begin. All LED's will turn on indicating programming for Global Mode. All Zones will operate with the same temperature. Press PROGRAM again to toggle between Zones 1 through 4. The LED for the selected zone will turn on. To exit program mode press PROGRAM until all LED's turn off. Settings will be automatically saved.

START / STOP:

While in the selected PROGRAM mode, press the START button to set the temperature where the fans should turn on. Use the UP and DOWN buttons to change the temperature. Then press the STOP button to set the temperature where the fans should turn off.

Hold START and STOP together for 3 seconds to switch to Always On mode which bypasses temperature control. The screen will display bp for bypass mode. The fans will continue to run until switched back to temperature mode or powered off.

UP - C/F - Display:

Press the UP button to toggle between Celsius "C" or Fahrenheit "F" (when NOT in Programming mode) Press and hold the UP button for 3 seconds to enter DARK mode. The indicator lights and display will shut off. The controller will still function as normal. Repeat to turn the display back on.

DOWN:

Used only for setting the temperature in programming mode.

HEATING FUNCTION:

Set the START temperature lower than the STOP temperature. The controller will run until the stop temperature is reached and the environment is heated to the set temperature.