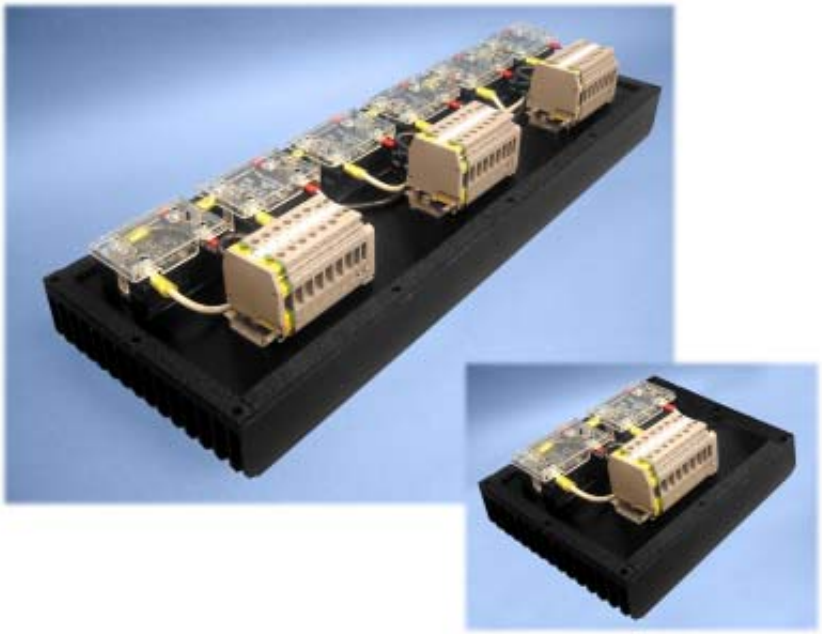
HEATER POWER CONTROLLERS

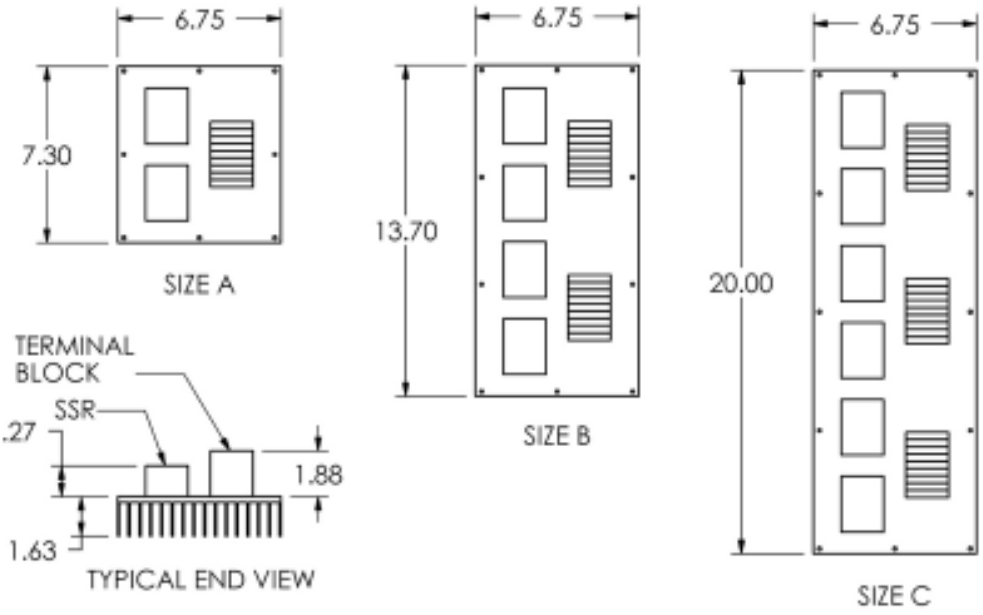
- **Through Panel Mounting Saves Enclosure Space**
- **Externally Mounted Heatsink Eliminates the Need to Cool the Enclosure**
- **Grouping Power Controllers on One Heatsink Minimizes Installation Time**
- **Up to Six Power Controllers**
- **Single or Three Phase**
- **SSRs can be Replaced Without Heatsink Removal**
- **Gasket Ensures Tight Enclosure Seal**
- **Each Power Controller is Independent, with its Own Set of Terminal Blocks**
- **Radiused Heatsink Corners (Optional)**
- **Controlled by Many Types of External Temperature Control Systems (PC, PLC, Stand Alone, Etc.)**



These units provide users with self-contained power switching for electric heater applications. They may be controlled by many types of external temperature control systems. The power output will follow the time proportioned On/Off signal and automatically be zero cross synchronized to minimize switching noise. The control lines are optically isolated from the power.

This family of units eliminates the need to cool the enclosure by passing the heat that is generated to the outside via the integral heatsink. The heatsink is mounted through the enclosure wall and thus dissipates the heat externally. A gasket is provided to ensure a tight enclosure seal after mounting.

PROCON from JPC CONTROLS
www.jpccontrols.com



SINGLE PHASE CONTROLLERS

MODEL NUMBER	LINE VOLTAGE	CONTROLS PER HEATSINK	HEATSINK SIZE	LOAD CURRENT	LOAD WATTAGE
HPC1-240/1/30	120 VAC	1	A	1 x 30 A	1 x 3.6 KW
	208 VAC	1	A	1 x 30 A	1 x 6.2 KW
	240 VAC	1	A	1 x 30 A	1 x 7.2 KW
HPC2-240/1/30	120 VAC	2	A	2 x 30 A	2 x 3.6 KW
	208 VAC	2	A	2 x 30 A	2 x 6.2 KW
	240 VAC	2	A	2 x 30 A	2 x 7.2 KW
HPC3-240/1/30	120 VAC	3	B	3 x 30 A	3 x 3.6 KW
	208 VAC	3	B	3 x 30 A	3 x 6.2 KW
	240 VAC	3	B	3 x 30 A	3 x 7.2 KW
HPC4-240/1/30	120 VAC	4	B	4 x 30 A	4 x 3.6 KW
	208 VAC	4	B	4 x 30 A	4 x 6.2 KW
	240 VAC	4	B	4 x 30 A	4 x 7.2 KW
HPC5-240/1/30	120 VAC	5	C	5 x 30 A	5 x 3.6 KW
	208 VAC	5	C	5 x 30 A	5 x 6.2 KW
	240 VAC	5	C	5 x 30 A	5 x 7.2 KW
HPC6-240/1/30	120 VAC	6	C	6 x 30 A	6 x 3.6 KW
	208 VAC	6	C	6 x 30 A	6 x 6.2 KW
	240 VAC	6	C	6 x 30 A	6 x 7.2 KW
HPC1-480/1/30	277 VAC	1	A	1 x 30 A	1 x 8.3 KW
	480 VAC	1	A	1 x 30 A	1 x 14.4 KW
HPC2-480/1/30	277 VAC	2	A	2 x 30 A	2 x 8.3 KW
	480 VAC	2	A	2 x 30 A	2 x 14.4 KW
HPC3-480/1/30	277 VAC	3	B	3 x 30 A	3 x 8.3 KW
	480 VAC	3	B	3 x 30 A	3 x 14.4 KW
HPC4-480/1/30	277 VAC	4	B	4 x 30 A	4 x 8.3 KW
	480 VAC	4	B	4 x 30 A	4 x 14.4 KW
HPC5-480/1/30	277 VAC	5	C	5 x 30 A	5 x 8.3 KW
	480 VAC	5	C	5 x 30 A	5 x 14.4 KW
HPC6-480/1/30	277 VAC	6	C	6 x 30 A	6 x 8.3 KW
	480 VAC	6	C	6 x 30 A	6 x 14.4 KW

THREE PHASE CONTROLLERS

MODEL NUMBER	LINE VOLTAGE	CONTROLS PER HEATSINK	HEATSINK SIZE	LOAD CURRENT	LOAD WATTAGE
HPC1-240/3/30	208 VAC	1	A	1 x 30 A	1 x 10.8 KW
	240 VAC	1	A	1 x 30 A	1 x 12.5 KW
HPC2-240/3/30	208 VAC	2	B	2 x 30 A	2 x 10.8 KW
	240 VAC	2	B	2 x 30 A	2 x 12.5 KW
HPC3-240/3/30	208 VAC	3	C	3 x 30 A	3 x 10.8 KW
	240 VAC	3	C	3 x 30 A	3 x 12.5 KW
HPC1-480/3/30	480 VAC	1	A	1 x 30 A	1 x 24.9 KW
HPC2-480/3/30	480 VAC	2	B	2 x 30 A	2 x 24.9 KW
HPC3-480/3/30	480 VAC	3	C	3 x 30 A	3 x 24.9 KW

There are optional radiused corners on the heatsink for applications where sharp corners could be a problem. (Specify with -R suffix.)

SPECIFICATIONS

OPERATING RANGE	0 to 50 Degrees C
STORAGE RANGE	-40 to 60 Degrees C
SIZE (HxWxD)	A -- 7.30 x 6.75 x 3.51 inches 185.42 x 171.45 x 89.15 mm
	B -- 13.70 x 6.75 x 3.51 inches 347.98 x 171.45 x 89.15 mm
	C -- 20.00 x 6.75 x 3.51 inches 508.00 x 171.45 x 89.15 mm
WEIGHT	A -- < 3 lbs. (1.36 kg)
	B -- < 6 lbs. (2.72 kg)
	C -- < 8 lbs. (3.63 kg)
CONNECTIONS	Power & Load: 30 Amp Pressure Connector, 22-10 AWG Control: 25 Amp Pressure Connector, 24-10 AWG
OUTPUT	SSR, Derated, Optically Isolated, Zero Cross for 30 AMP Load

PROCON

JPC CONTROLS INCORPORATED

102 COMPASS POINT DRIVE, SUITE D • ST. CHARLES, MO 63301
(636) 946-3300 • FAX (636) 724-2492

PROCON