

# STANDARD OPEN COIL HEATER SYSTEM

## PRODUCT APPLICATION

Specific Systems standard heater systems are available on all InPac, AirPak, and Mac, and Trak units, in standard heating capacities from 10KW to 40KW.\* All capacities are installed with 2-stage heating, allowing the unit to draw only the power needed to compensate for given conditions.

For hazardous (classified) environments, please contact us for information about explosion-proof fin-tubed heating elements.

## PRODUCT DESCRIPTION

Specific Systems standard heaters are open coil elements constructed using Nikrothal NXT wire. This wire is a combination of specialized alloys that has performance that equals or surpasses N60, and is far superior when compared to N40.

The NXT coils use .375" diameter consistent pitch windings and a rounded coil return. Use of double plane steatite insulators and point suspension techniques allow full coil exposure to the airflow. Anti-rotation insulating terminators ensure a sturdy and electrically sound connection. Thermostats are pre-installed on the heating elements and are easily adjustable from 175°–215°F (79°–101°C). These limit type disc thermostats are set to switch open on temperature rise.

Sag-resistant heating elements are suspended on steel brackets to maximize air flow and decrease static pressure through the elements thereby increasing unit efficiency when compared to other types of mounts.

## AVAILABLE OPTIONS

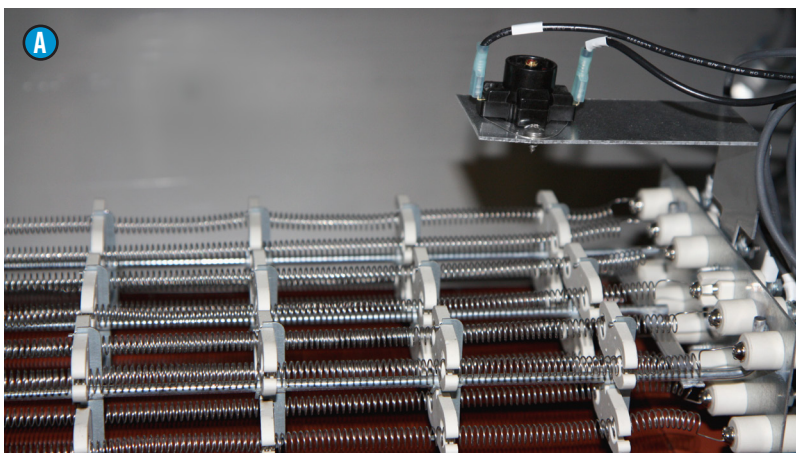
Please contact Specific Systems about the other available options as well as which capacities are available in each unit.

- Multiple Available Voltage Configurations
- Capacities ranging from 1.6KW – 40KW



## Standard Heat Availability

Voltage	KW	Wiring Config.	Elem. Resistance	Actual Watts	Amperage	Wire Size (gauge)
480V / 3Ø	20	WYE	20	21.737	26.1	12
	15		28	15.526	18.6	12
	10		40	10.868	13.1	12
460V / 3Ø	20	WYE	20	19.963	25.0	12
	15		28	14.260	17.9	12
	10		20	9.981	12.5	12
415V / 3Ø	20	WYE	15	21.665	30.1	12
	15		20	16.248	22.6	12
	10		28	11.606	16.1	12
380V / 3Ø	20	WYE	15	18.165	27.6	12
	15		20	13.623	20.7	12
	10		28	9.731	14.8	12
230V / 3Ø	20	DELTA	15	19.962	50.0	10
	15		20	14.972	37.6	12
	10		28	10.694	26.8	12
230V / 1Ø	20	1Ø	15	19.962	86.8	8
	15		20	14.972	65.1	8
	10		28	10.694	46.5	10



\*(Some capacities unavailable on all units. Smaller capacities available on InPac 60 Series.)