

## **ELECTRI PAK** **Integral Electric** **Heat Module** *for Vertical Fan Coil Units*



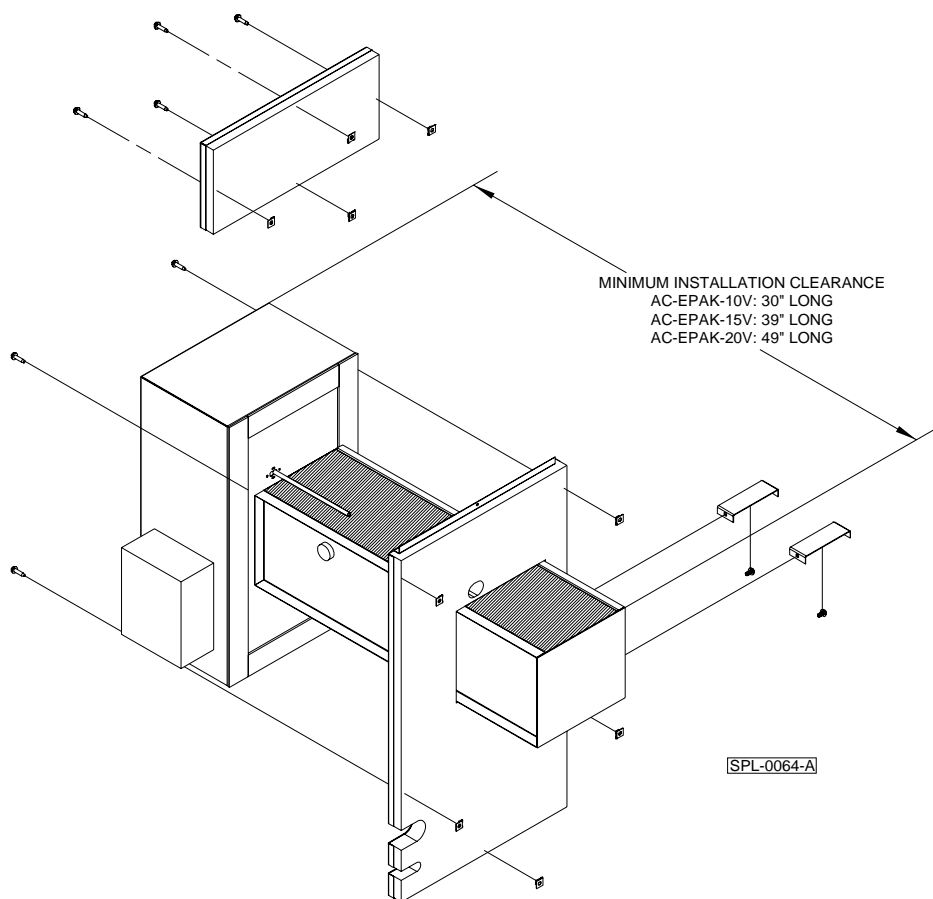
Integral Electric Heat Modules have been specifically designed to provide a heating option for SpacePak air distribution systems. They are easy to install in both new and existing installations and fit directly inside SpacePak vertical fan coil units. Equipped with an internal modulating feature, heat discharge temperatures are sensed and can be controlled regardless of the load condition. The heater design eliminates the need for external regulating devices such as a multi-stage (W3) and / or outdoor thermostat.

### **STANDARD ELECTRIC HEAT MODULE FEATURES**

- Installs directly into fan coil unit - does not require any ductwork configuring or assembly
- Modulating heat
- Duct sensor located in the air stream monitors discharge temperature
- Solid State power controllers
- ETL Listed as a component of the SpacePak system
- Includes both automatic and manual reset thermal cutouts
- Can be used in conjunction with heat pumps
- Preset modulating output to maintain maximum discharge air temperature regardless of load conditions
- 24V control wiring
- Fail safe circuitry - all controls de-energize the heater which prevents runaway overheating conditions

### **HIGH QUALITY MATERIALS & COMPONENTS**

- Grade A Nichrome resistance wire (80% nickel, 20% chromium)
- Coils are machine crimped into stainless steel terminals
- High-temperature ceramic terminal and coil support insulators
- Heater frame constructed of heavy gauge corrosion-resistant steel



**HEATER COMPATIBILITY / CIRCUIT SIZE**

Electric Heat Module Model Number	Heat Output @ 240V	208/1/60		230/1/60		Fan Coil Unit Model Number
		FLA	MCA	FLA	MCA	
AC-EPAK-10V	10kW	48	60	43	54	ESP-2430V
AC-EPAK-15V	15kW	72	90	65	82	ESP-3642V
AC-EPAK-20V	20kW	96	120	87	109	ESP-4860V

To calculate kW at other voltages: kW = kW (rated at 240V) X (actual V/240)<sup>2</sup>

**MINIMUM AIRFLOW REQUIREMENTS (cfm)**

Electric Heat Module Model Number	Nominal Airflow	Minimum Airflow	Fan Coil Unit Model Number
AC-EPAK-10V	550	<b>440</b>	ESP-2430V
AC-EPAK-15V	850	<b>680</b>	ESP-3642V
AC-EPAK-20V	1150	<b>920</b>	ESP-4860V