Variable Controllers

VHC-66 & VHC-99

- VHC-66 & VHC-99 SCR variable voltage controller w/ potentiometer.
- Potentiometer can be mounted on enclosure or remotely in a 2x4 electrical wall box (not supplied)
- Can be used on all Fostoria infrared 208/240V single phase products; with heat load up to 48-amps
- Soft start operation to avoid high amperage inrush current on circuits
- NEMA 1 Aluminized or Gray powder coated epoxy finish enclosure
- Customized color options are available

VHC-32

- Solid State phase angle variable "Triac" knob controller adjusts heat settings from 10-100% with heat loads up to 15.4-Amps
- 208/240 VAC single-phase, single stage controller, 3200 Watt max
- Positive "Off" & built-in On/Off Rocker switch lights "red" during operation.
- NEMA 1 Aluminum enclosure with stainless steel face plate designed for wall mounting or suitable for semi-recessed applications
- Must be mounted in a protected area.
- Can be used on all Fostoria IR 208/240V single phase products; with heat load up to 15.4-Amps

18D-2-80CF ENC.

30-Amp or 80-Amp Enclosed

- SCR Voltage Controller - 80 Amp MAX.
- Includes (1) 24-volt Potentiometer (3" square) to control the heat output
- Only operates Quartz Lamps at 240 or 208-Volts, single phase only
- Potentiometer can be mounted outside, but the SCR must be located in a protected area
- Factory wired with millisecond fuses included

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

VHC-15

- Solid state variable device controls heat loads up to 15-Amps
- 120/208/240Volt "In-Line" Controller
- Built in On/Off knob switch with positive "off" & surface plate included
- Designed for a 2" x 4" electrical wall box mounting (not supplied)
- Must be mounted in a protected area.
- Can only operate Fostoria Quartz Tube Infrared Heaters

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	DIMENSION (IN.)			WT. (LBS)
			Height	Width	Depth	
04853502	VHC-32	Variable Heat Controller 208/240-Volt; 15.4 Amp	5	5	3	3
04459402	VHC-15	Variable Heat Controller 120/208/240-Volt; 15 Amp	5	5	3	3
04459502	FTC-30	208/240-Volt; 28 Amp	5	5	2	3
04456302	18D-2-30CF (Open)	SCR Controller - 26 Amp MAX; No Enclosure	9	6	6	11
04456402	18D-2-30CF (Enclosed)	SCR Controller - 26 Amp MAX; Enclosure Included	12	10	8	15
04456502	18D-2-80CF (Enclosed)	SCR Controller - 80 Amp MAX; Enclosure Included	14	12	8	29
04924602	VHC-66	Variable Heat Controller 208/240-Volt; 32 Amp MAX	10	10	6	9
04924702	VHC-66P	Variable Heat Controller (Gray) 208/240-Volt; 32 Amp MAX	10	10	6	9
04924802	VHC-99	Variable Heat Controller 208/240-Volt; 48 Amp MAX	10	10	6	9
04924802	VHC-99P	Variable Heat Controller (Gray) 208/240-Volt; 48 Amp MAX	10	10	6	9

Snow & Ice Detectors

CIT-1

APS-3C

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- Main control unit for Automatic Snow & Ice Control Systems
- By sensing both temperature and moisture the system activates and melts any snow & ice accumulations until conditions subside
- NEMA 3R Enclosure is UL Listed and houses timers and switching electronics to operate the system
- Capability to monitor up to 6 sensors (CIT-1)
- Unit can be manually activated and can be controlled and monitored from an optional remote switch (Model RCU- contact factory)
- Positioned above ground to maximize the sensors capability
- Detects falling or blowing of precipitation such as snow when the temperature is below 38°F
- Most common sensor device

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	DIMENSION (IN.)			WT. (LBS)
			Depth	Width	Height	
03196100	APS-3C	Snow / Ice Control Switch	6.56	11.5	9.25	8
03197600	CIT-1	General Purpose Snow Sensor	3.25	3.25	4.13	1

Note: Any snow & ice control system should be used with the correct sized control panel (with contactors & fusing) as supplied by factory or your electrical contractor. The APS-3C requires a control device (CIT-1) in order to operate properly and must use 120V. Additional controls available through manufacturer.