Variable Controllers

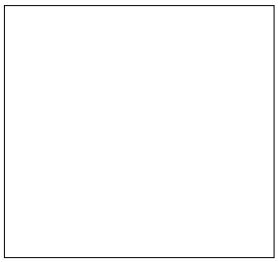
VHC-32

- 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 either operate Quartz Lamps or Quartz Tube Infrared Heaters.

VHC-15

- Solid state variable device controls heat loads up to 15-Amps.
- 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.

30-Amp or 80-Amp Enclosed



18D-2-80CF ENC.

- 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.

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	DIMENSION (IN.)			WT. (LBS)
			Depth	Width	Height	
04853502	VHC-32	Variable Heat Controller 208/240-Volt;15.4 Amp	3	5	5	3
04459402	VHC-15	Variable Heat Controller 120/208/240-Volt;15 Amp	3	5	5	3
04459552	FTC-30	208/240-Volt;28 Amp	2	5	5	3
04456302	18D-2-30CF (Open)	SCR Controller - 26 Amp MAX;No Enclosure	6	6	9	11
04456402	18D-2-30CF (Enclosed)	SCR Controller - 26 Amp MAX;Enclosure Included	8	10	12	15
04456502	18D-2-80CF (Enclosed)	SCR Controller - 80 Amp MAX;Enclosure Included	8	12	14	29

Snow & Ice Detectors

- 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-).

CIT-1

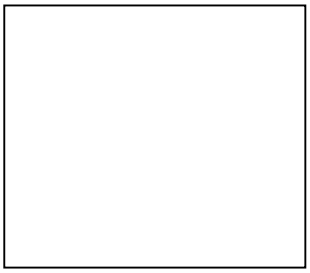
APS-3C

- 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 (RCU-1, CIT-1, SIT-6E) in order to operate properly and must use 120V.

Contactor Enclosures



FEC-30-120

- Economical load handling / switch device, ideal for use with other control equipment.
- NEMA 1 Enclosures.
- Load rating up to 600V Max., 3-Pole.
- Magnetic contactor.

MFG CATALOG NUMBER	MFG MODEL NUMBER	CONTACTOR AMPS	COIL VOLTAGE	CABINET SIZE (IN.)			WT. (LBS)
				Depth	Width	Height	
04408502	FEC-30-120	30	120	5	6	10	5
04408602	FEC-30-240		208/240				
04408702	FEC-60-120	60	120				
04408802	FEC-60-240		208/240				

Note: Installer to provide overload protection for all infrared heaters.