## Variable Controllers



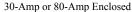
VHC-32

- Solid State phase angle variable "Triac" knob controller adjusts heat settings from 10-100% with heat loads up to 15.4-Amps.
- up to 15.4-Amps.
  208/240 VAC single-phase, single stage controller, 3200 Watt max.
  Positive "Off" & built-in On/Off
- 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 semirecessed 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.





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	MFG MODEL	DESCRIPTION		DIMENSION (IN.)			LIST
NUMBER	NUMBER NUMBER DESCRIPTION		Depth	Width	Height	(LBS)	LIST
04853502	VHC-32	Variable Heat Controller 208/240-Volt; 15.4 Amp	3	5	5	3	639
04459402	VHC-15	Variable Heat Controller 120/208/240-Volt; 15 Amp	3	5	5	3	173
04459552	FTC-30	208/240-Volt; 28 Amp		5	5	3	286
04456302	18D-2-30CF (Open)	SCR Controller - 26 Amp MAX; No Enclosure	6	6	9	11	1236
04456402	18D-2-30CF (Enclosed)	SCR Controller - 26 Amp MAX; Enclosure Included	8	10	12	15	1648
04456502	18D-2-80CF (Enclosed)	SCR Controller - 80 Amp MAX; Enclosure Included	8	12	14	29	2678

## Snow & Ice Detectors



CH-1



APS-3C

- 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 <u>remote</u> switch (Model RCU-).
- Positioned <u>above ground</u> 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.

MF	MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	DIMENSI		.)	WT.	LIST
1			DESCRIFTION	Depth	Width	Height	(LBS)	LIST
	03196100	APS-3C	Snow / Ice Control Switch	6.56	11.5	9.25	8	3193
(	03197600	CIT-1	General Purpose Snow Sensor	3.25	3.25	4.13	1	1030

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.

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	MFG CATALOG	MFG MODEL NUMBER	CONTACTOR AMPS	COIL VOLTAGE	CABINET SIZE (IN.)			WT.	LIST	١
NUN	NUMBER				Depth	Width	Height	(LBS)	LIST	
	04408502	FEC-30-120	30	120	5	6	10	5	208	l
	04408602	FEC-30-240		208/240					200	l
	04408702	FEC-60-120	60	120					320	l
	04408802	FEC-60-240		208/240					320	l

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