

Variable Controllers



VHC-32



VHC-15

30-Amp or 80-Amp Enclosed



18D-2-80CF ENC.

- 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.

- 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.

- 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



CIT-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 remote switch (Model RCU-).
- 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.

Contactors 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.