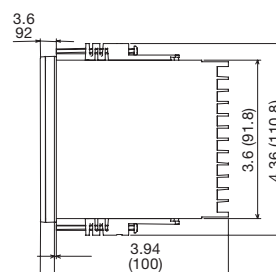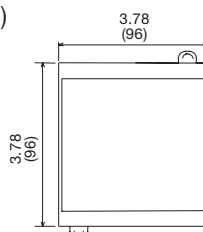# 3300 Series
Multiloop Controller

- **3340: 4 Loops of Autotuning PID Heat, Cool or Heat/Cool Control**

- **3380: 8 Loops of Autotuning PID Heat or Cool Control**

- **Up to 11 Total Outputs, 4 or 8 for Control, Others for Alarm**

- **Thermocouple, RTD or Analog Inputs**

- **Outputs, Relay, SSR Drive, Triac or Analog**

- **Heater Breakdown Option with CT Inputs**

- **Communications Option with MODBUS Protocol Compatible with SpecView Software**

- **IP65**

Stocked Items

3340

Part Number	PCN
3340-1R04100000	317884
3340-1V04100000	317905

3380

Part Number	PCN
3380-1RR4100000	317770
3380-4RR4100000	317788
3380-1TT4100000	317809
3380-4TT4100000	317817
3380-1VV4100000	317825
3380-1VV4111000	317841
3380-1VV4100060	317868

Dimensions
Units Inches (mm)

3.78 (96)

3.78 (96)

3.6 92

3.6 (91.8)

4.36 (110.8)

3.94 (100)

Features

Space and Time Savings:

The 3340/3380 can control up to a maximum of 8 channels in a compact 1/4 DIN package. The 1/4 DIN controller reduces panel size and panel cutouts. By increasing zone density, the 3340/3380 can now make PID temperature control for 3 to 8 zones affordable in a multi-loop form factor, aiding designers of control equipment to save labor costs, installation costs, electric panel size, and operation cost.

Space saving

In comparison to other multi-loop packages, the 3340/3380 has a straight forward user interface that does not require a PLC programmer or other support hardware to operate. The display, pushbuttons, outputs and software are integrated in this single multi-loop package.

Although all inputs are scanned at least once per second, the display of the 3340/3380 will display the temperatures of each channel on an adjustable scan rate so the operator can view all channels without touching any pushbuttons.

Heater Break Alarm:

Alarm 2 can be ordered as a Heater Break Alarm. For loads with multiple heaters this feature alarms when individual heaters fail. This provides maintenance of a process before the problem becomes critical.

Multi-Memory Area:

Temperature set point, PID constants, alarm set point, ramp to set point rate, channel used/unused for each loop can be stored in a "memory area". The eight memory area allows for quick changes to alternate processes or products. The memory area can be selected via the front faceplate or digital inputs.

Chromalox®