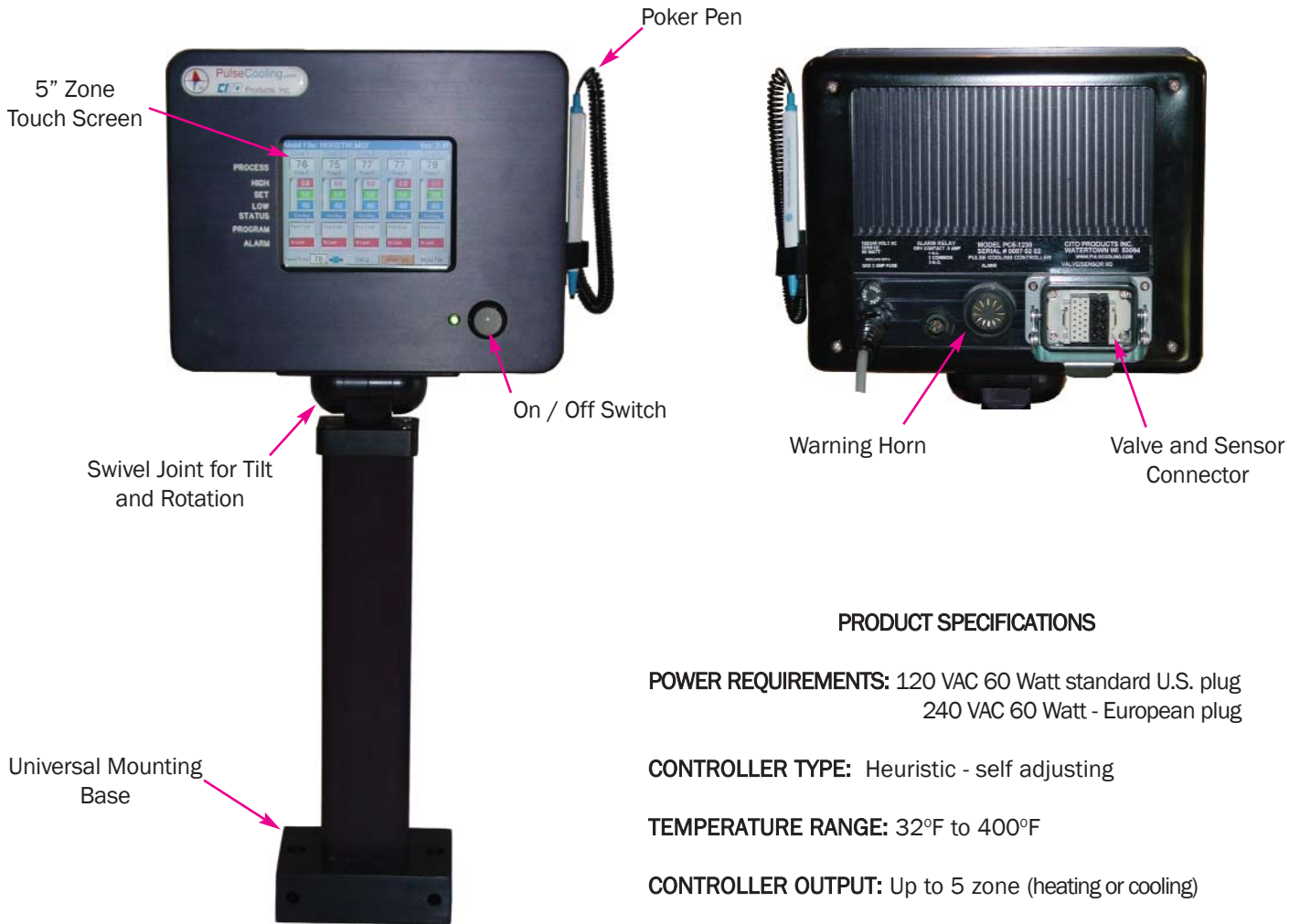


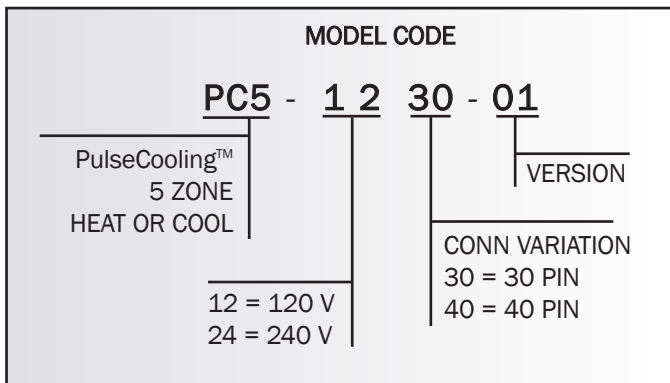
# PulseCooling™ CONTROLLER 5 ZONE HEATING - OR - COOLING MODEL: PC5



### PRODUCT SPECIFICATIONS

- POWER REQUIREMENTS:** 120 VAC 60 Watt standard U.S. plug  
240 VAC 60 Watt - European plug
- CONTROLLER TYPE:** Heuristic - self adjusting
- TEMPERATURE RANGE:** 32°F to 400°F
- CONTROLLER OUTPUT:** Up to 5 zone (heating or cooling)
- OPERATOR INTERFACE:** Touch Screen
- SENSOR INPUT:** 5 zone Machine Mounted J-Box
- MOLD FILE STORAGE:** Up to 8 Mold Files, Solid State Memory

- PHYSICAL SPECIFICATIONS:**
- CONTROLLER SIZE:** 10"W x 8"H x 4"D
- POST HEIGHT:** 14"
- OVER ALL HEIGHT:** 24"
- WEIGHT:** 15 lbs.



# PulseCooling™ 5 ZONE - PC5 - SCREENS

Process Page

**PLEASE PICK A ZONE!**  
Here the operator can change set points, select program and zone activity, alarm condition and make PID adjustments.  
Pick a Zone

**Mold File Selected** → Mold File: PC5.MSF Ver: 2.55S

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Actual Temperature	140	1	200	211	209
High Limit	150	8	210	210	230
Set Point	140	5	200	200	220
Low Limit	130	2	190	190	210
Valve On/Off	Cooling	Cooling	Cooling	Cooling	Heating
Program	Fast Cool	Time Cool	Pulse Advance	Hi Tem Cool	Fast Heat
Status	Ok	Low Limit	OK	Hi Limit	OK

Supply Temp: 80 Setup Alarm ON Mold File

**Setup:Zone 1**  
Program: Fast Cycle Cool Set Program  
Actual: 180 Zone Active Alarm On  
High Limit: 185 Set High Limit  
Set Point: 180 Set Set Point  
Low Limit: 175 Set Low Limit

**Advanced Settings**  
Mold Sync Switch: Delay 1 1/10 Sec Machine Cycle Time: 10 Sec Switch Status: Open

**Sensor Calibration**  
Expected Temperature: To start cal you will need four temperture blocks [60, 125, 226, 335] press.  
Actual Temperature: Zone 1: 86, Zone 2: 93, Zone 3: 90, Zone 4: 92, Zone 5: 86

**MOLD FILES RUNNING: PC5.MSF**  
Enter File Name: PC5

**Zone #1 Pulse Advance Cool**  
Program Select: Fast Cycle, Sync, Slow, Timed, Pulse Advance, Hi Temp, Auto, PID, Single Sensor  
Pick Program Type: Cool, Heat  
Pulse Advance: Period 10 Sec, Pulse 10

**Panel Adjustments - Touch normal**  
CONTRAST: Increase, Decrease  
Valve Current  
Recalibrate Touchscreen, Finish Touchscreen Calibration  
Status: Contrast = 128

**Navigation Instructions:**  
 - Press to view Set Program Screen  
 - Press to view Set Setup Screen  
 - Press here to make temperature adjustments  
 - Select Program  
 - Make Pulse Advance Adjustments  
 - Press to view Panel Adjustments Screen  
 - Press Mold File button on Process page, select and save