

Scotsman Modular Flaker Controllers - 1988 - 2009



Original NM and FM Controller
Production: 1988-1990
Service: No longer available, replaced
by AutoSentry kit.
Had reset switch



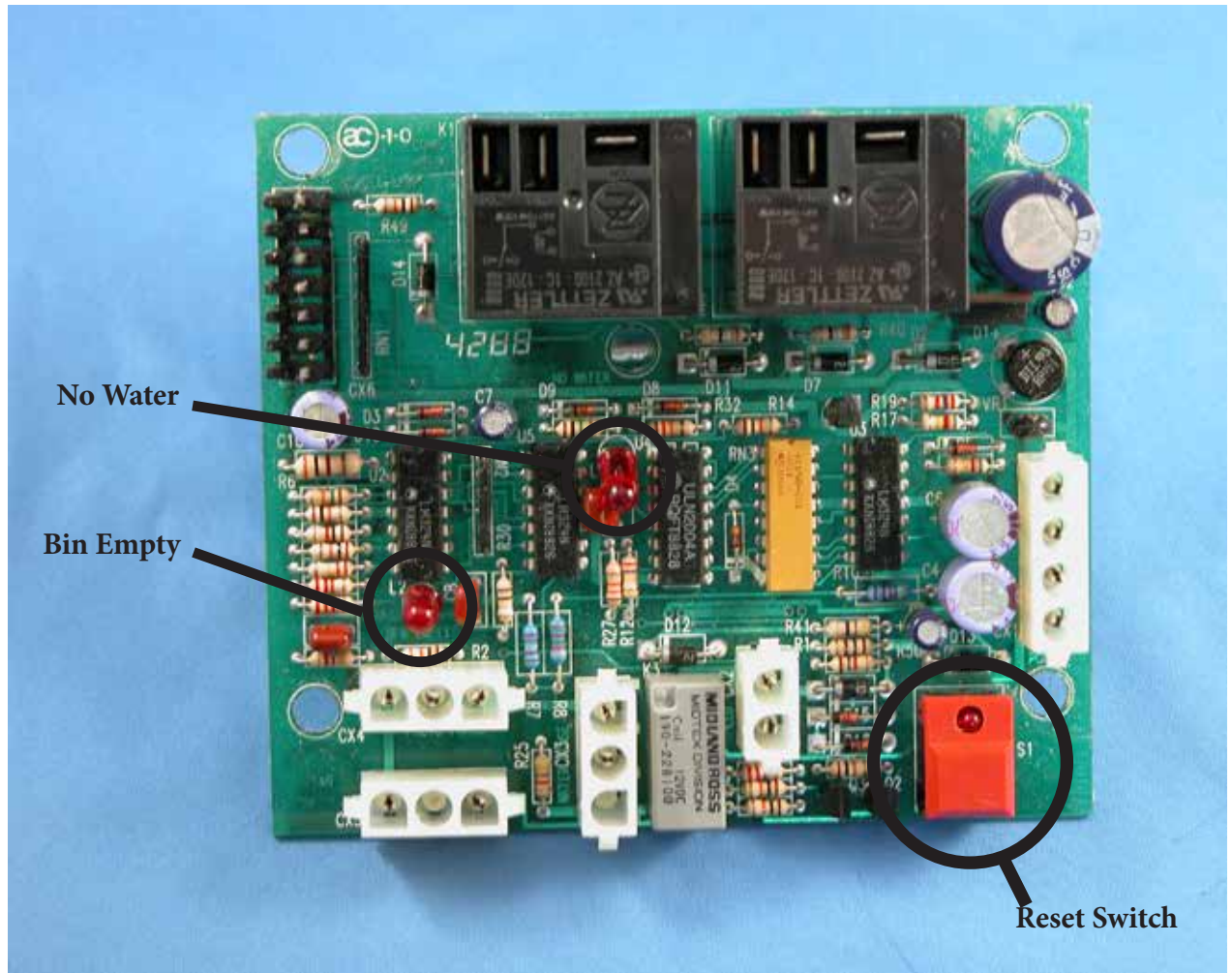
Second controller.
Production: 1990-2000
Service: No longer available, replaced
by AutoSentry kit.
Reset switch removed.



AutoSentry controller
Production: 2000-2009
Service: Continues

Original Controller

Used on FM, NM, ND, NS models.



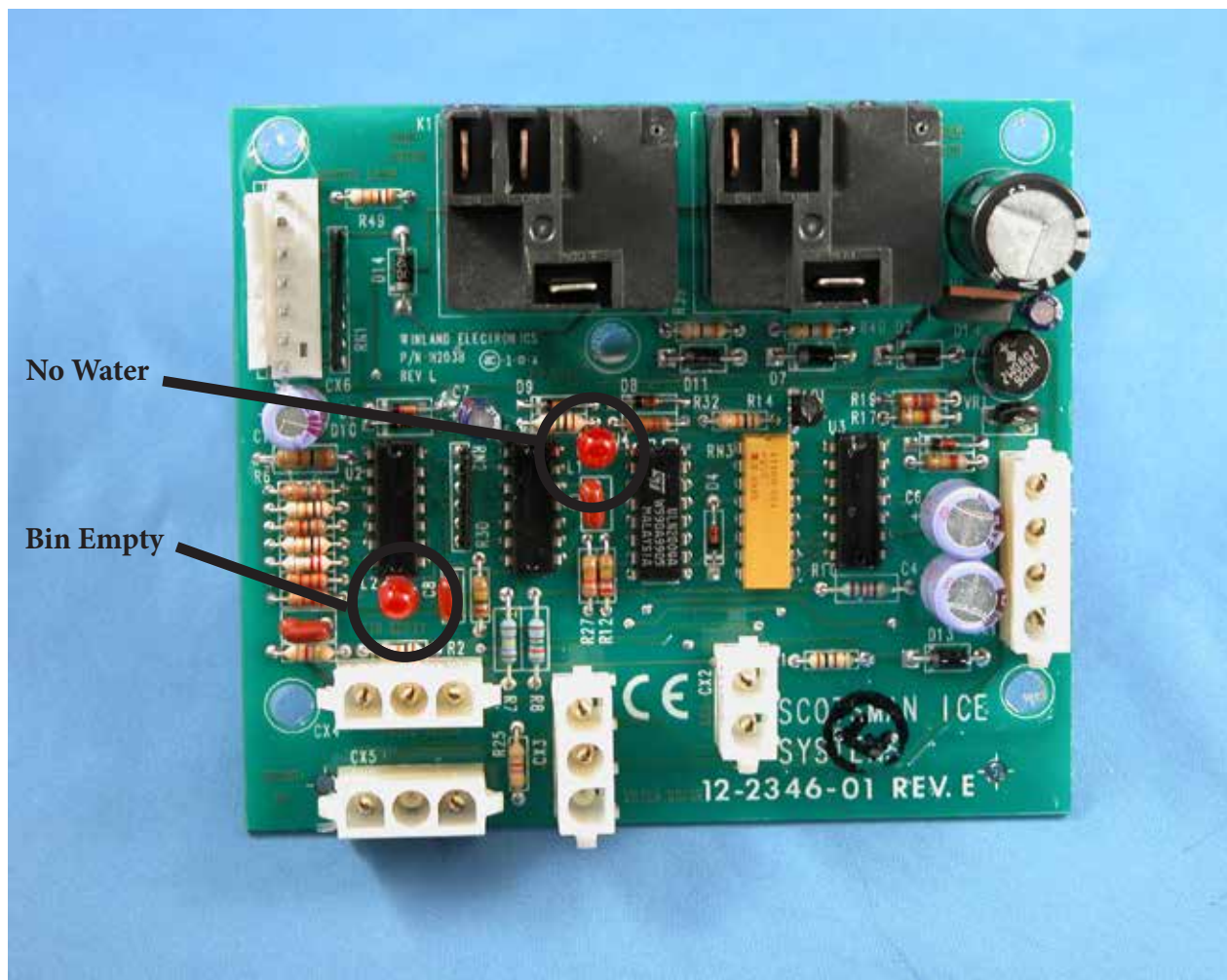
Three Indicator Lights

- **No Water (L1).** Glows when water reservoir water level is below bottom of sensor tip. Sensor is heated thermistor, water contact keeps sensor temperature below cut off point.
- **Bin Empty (L2).** Glows when photo eyes in chute were not blocked by ice.
- **Reset Switch (S1):** Light is normally off. A manual reset switch, used for restarting the ice machine should the ice discharge chute overflow with ice and open the switch on the chute; or the low pressure cut out switch open; or the high pressure cut out switch open. The switch on the chute automatically resets.

Separate 12 volt power supply.

Second Controller

Used on FM, NM, ND, NS models.



Two Indicator Lights

- **No Water** (L1). Glows when water reservoir water level is below bottom of sensor tip. Sensor is heated thermistor, water contact keeps sensor temperature below cut off point.
- **Bin Empty** (L2). Glows when photo eyes in chute are not blocked by ice.

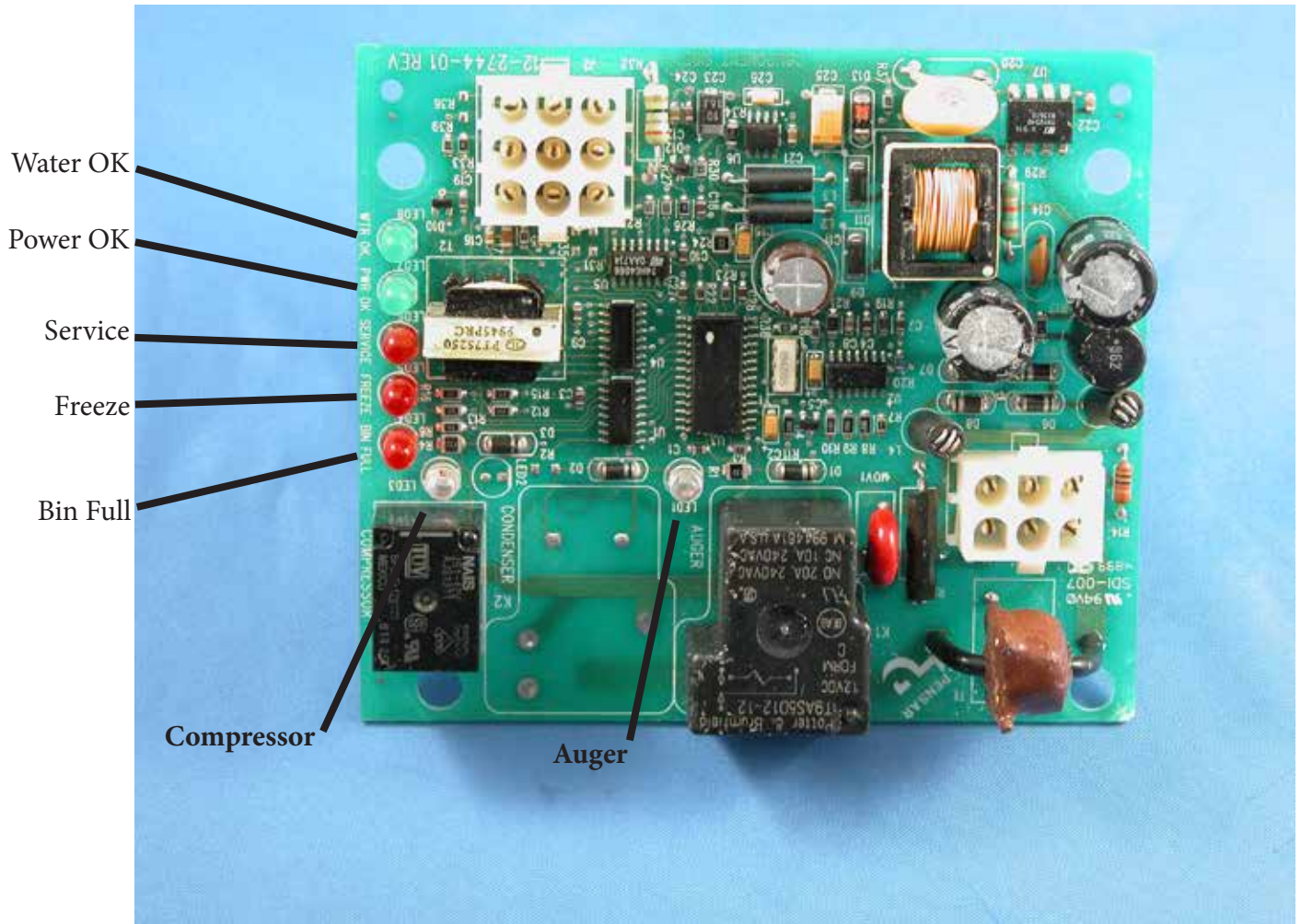
Separate 12 volt power supply.

Reset switch circuit removed. Chute switch changed to manual reset.

AutoSentry Controller

Used on FME, NME, NDE, NSE models.

Replacement controller for all prior (requires kit).



Seven Indicator Lights

- **Water OK** (LED8). Glows when water reservoir water level is above bottom of sensor tip. Sensor is conductivity type.
- **Power OK** (LED7). Glows when power supplied to unit.
- **Service** (LED6). Normally off. Glows when auger motor overloaded.
- **Freeze** (LED5). Glows when in ice making mode.
- **Bin Full** (LED4). Glows when photo eyes in chute are blocked.
- **Compressor Relay** (LED3). Glows when compressor contactor is powered.
- **Auger Motor Relay** (LED1). Glows when auger motor is powered.

On board power supply, auto-adjusts to input voltage

Auger motor load monitor

- Cut off unit at 5 amps until March 2007
 - Cut off unit at 6 amps after March 2007 - required with GE/Regal Beloit/Marathon auger motor
- Chute switch no longer used.