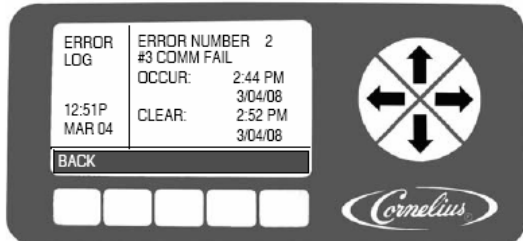


# Control System – Error Status Modes



Displayed Message	Action	Type	Description
HOT GAS	Off	System	Occurs when the barrel outlet temperature exceeds 115 °F for more than one minute and the compressor is on.
HOT BARREL	Off	System	Occurs when the barrel outlet temperature exceeds 115 °F for more than one minute and the compressor is off.
MTR CTL FAIL		System	The motor controller reported a fault, triacs are shorted and there is a loss of motor on/off functionality.
TCO OPEN		System	TCO (Temperature Cut Off) has occurred on the refrigeration outlet of a barrel or the 24VAC power has failed.

COMM ERR IO		System	A communications error occurred between the IO board and the UI board.
COMM ERR MTR		System	UI board cannot communicate with the motor board.
BARREL REFRG		Barrel	Compressor has been on for more than 45 minutes and the viscosity of the barrel is not satisfied with no draws.
MTR CAL ERR		Barrel	Occurs if a calibration initiated from the Motor Setup menu fails. This indicates that the power draw of the motor is outside the allowable calibration range.
CMP HI-PRESS		System	This error is generated if the low side pressure is greater than 55 psi for greater than 30 sec. Only checked when barrels are in freeze mode and compressor is running more than two minutes.
BRL TEMP OUT		Barrel	Indicates thermistor reading is at min. or max. value for 30 sec. without changing.
MOTOR STALL		Barrel	Motor stalled. A two minute defrost and two retries are allowed, then the message is displayed.
METER FAIL		Barrel	Metering chip is nonresponsive.
BRL RECOVER		Barrel	Barrel viscosity is too high. Motor cannot rotate. Automatic two minute defrost to thaw barrel.
COM ERR STAT		Limp	Communications error, the system continues to run.
HIGH VOLTAGE		System	The unit is experiencing voltage greater than 260VAC. System is enabled when line voltage drops below 260VAC for two minutes.
LOW VOLTAGE		System	The unit is experiencing voltage less than 200VAC. System is enabled when line voltage rises above 200VAC for two minutes.
NO MOTOR		Barrel	The motor is reporting no current draw when activated. Motor is unplugged or thermal cutoff has tripped.
FILL ERROR		Barrel	Barrel has not filled properly within 2 min.
H2O OUT		System	Water pressure is too low for proper operation. This error occurs when the H2O sensor reports no or low water pressure for more than one second. Error is cleared 10 sec. after restoral.
CO2 OUT		System	CO2 pressure is below required operating pressure. This error occurs when the CO2 sensor reports no or low CO2 pressure for more than one second. Error is cleared 10 sec. after restoral.
SYRUP OUT		Barrel	Syrup pressure is below required operating pressure. This error occurs when the syrup sensor reports no or low syrup pressure for more than one second. Error is cleared 10 sec. after restoral.
CLOCK		System	The real time system clock is not functioning.
MTR CTL EEPROM		System	Motor control EEPROM is bad or missing.