

## Current CVap and Collectramatic 8000R Controller Display Codes

### 8000R Collectramatic Fryer Error Codes

| Display                        | Meaning                                 | Possible Causes                                                            |
|--------------------------------|-----------------------------------------|----------------------------------------------------------------------------|
| ALERT/H2O                      | Water detected in the oil.              | Water in the fryer pot, heater issue, Relay issue, electrical supply issue |
| DRAIN/IS/OPEN                  | Drain valve is open with the power on.  | Drain is open with the power on. Drain switch issue, control board issue   |
| PROBE/ERROR                    | The temperature probe is out of range.  | Probe out of range, wiring issue, control board issue                      |
| No Code<br>High Limit Light On | High-limit thermostat has been tripped. | Relay issue, high-limit thermostat issue                                   |

### 8000R Collectramatic Fryer Non-Error Codes

| Display    | Meaning                                             |
|------------|-----------------------------------------------------|
| BRUSH/COIL | Coil brushing maintenance prompt.                   |
| COOL       | Auto cool idle.                                     |
| DONE       | The cook cycle is complete.                         |
| DROP       | Ready to drop product.                              |
| HI         | The oil temperature is above set point temperature. |
| LO         | The oil temperature is below set point temperature. |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### Retro Holding A&B Series Error Display Codes

| Display                            | Meaning                                      | Possible Causes                                                                                |
|------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.   | Air probe out of range, wiring issue, control board issue                                      |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range. | Water probe out of range, wiring issue, control board issue                                    |
| FILL ERROR                         | Water fill timeout.                          | Water line not hooked up, solenoid issue, waterline clogged, wiring issue, control board issue |
| LOW WATER                          | Low water detected in evaporator pan.        | No water, level sensor issue, wiring issue, control board issue                                |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.      | Multiple preset files on USB                                                                   |
| USB ERROR                          | USB host fault.                              | Faulty USB stick, or USB port issue                                                            |
| ERROR-NO VALID FILE ON USB         | No readable preset file.                     | Verify that there is a preset file on USB                                                      |
| ERROR-INVALID PRODUCT CODE         | Preset file is for a different model.        | Verify that the preset file is for the correct model number                                    |
| NO DRIVE DETECTED                  | No USB stick present.                        | Faulty USB stick or USB port                                                                   |

### Retro Holding A&B Series Non-Error Display Codes

| Display             | Meaning                                |
|---------------------|----------------------------------------|
| HOLDING             | Shown once at initial power-on.        |
| CONFIRM REBOOT      | Reboot prompt after a settings change. |
| NEW SETTINGS LOADED | Preset load succeeded.                 |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### Retro 4-Channel (McDonald's) Error Display Codes

| Display                            | Meaning                                      | Possible Causes                                                                                |
|------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.   | Air probe out of range, wiring issue, control board issue                                      |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range. | Water probe out of range, wiring issue, control board issue                                    |
| FILL ERROR                         | Water fill timeout.                          | Water line not hooked up, solenoid issue, waterline clogged, wiring issue, control board issue |
| LOW WATER                          | Low water detected in evaporator pan.        | No water, level sensor issue, wiring issue, control board issue                                |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.      | Multiple preset files on USB                                                                   |
| USB ERROR                          | USB host fault.                              | Faulty USB stick, or USB port                                                                  |
| ERROR-NO VALID FILE ON USB         | No readable preset file.                     | Verify that there is a preset file on USB                                                      |
| NO DRIVE DETECTED                  | No USB stick present.                        | Faulty USB stick, or USB port                                                                  |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### Retro Cook & Hold/Thermalizer Error Display Codes

| Display                            | Meaning                                      | Possible Causes                                                                                |
|------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.   | Air probe out of range, wiring issue, control board issue                                      |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range. | Water probe out of range, wiring issue, control board issue                                    |
| FILL ERROR                         | Water fill timeout.                          | Water line not hooked up, solenoid issue, waterline clogged, wiring issue, control board issue |
| LOW WATER                          | Low water detected in evaporator pan.        | No water, level sensor issue, wiring issue, control board issue                                |
| POWER FAILURE                      | Power lost during cook cycle.                | Power outage, or Electrical issues                                                             |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.      | Multiple preset files on USB                                                                   |
| USB ERROR                          | USB host fault.                              | Faulty USB stick, or USB port                                                                  |
| ERROR-NO VALID FILE ON USB         | No readable preset file.                     | Verify that there is a preset file on USB                                                      |
| NO DRIVE DETECTED                  | No USB stick present.                        | Faulty USB stick, or USB port                                                                  |

### Retro Cook & Hold/Thermalizer Non-Error Display Codes

| Display             | Meaning                       |
|---------------------|-------------------------------|
| DISCARD FOOD        | Cycle expired.                |
| COOLING DOWN        | Residual heat after shutdown. |
| NEW SETTINGS LOADED | Preset load succeeded.        |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### HOV7 Error Display Codes

| Display                            | Meaning                                      | Possible Causes                                                                                |
|------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.   | Air probe out of range, wiring issue, control board issue                                      |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range. | Water probe out of range, wiring issue, control board issue                                    |
| FILL ERROR                         | Water fill timeout.                          | Water line not hooked up, solenoid issue, waterline clogged, wiring issue, control board issue |
| LOW WATER                          | Low water detected in evaporator pan.        | No water, level sensor issue, wiring issue, control board issue                                |
| POWER FAILURE                      | Power lost during cook cycle.                | Power outage, Electrical issues                                                                |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.      | Multiple preset files on USB.                                                                  |
| USB ERROR                          | USB host fault.                              | Faulty USB stick, or USB port                                                                  |
| ERROR-NO VALID FILE ON USB         | No readable preset file.                     | Verify that there is a preset file on USB                                                      |
| NO DRIVE DETECTED                  | No USB stick present.                        | Faulty USB stick, or USB port                                                                  |

### HOV7 Non-Error Display Codes

| Display             | Meaning                       |
|---------------------|-------------------------------|
| DISCARD FOOD        | Cycle expired.                |
| COOLING DOWN        | Residual heat after shutdown. |
| NEW SETTINGS LOADED | Preset load succeeded.        |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### CHV7/RTV7 Error Display Codes

| Display                            | Meaning                                          | Possible Causes                                                                                |
|------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.       | Air probe out of range, wiring issue, control board issue                                      |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range.     | Water probe out of range, wiring issue, control board issue                                    |
| FOOD PROBE ERROR                   | Food probe out of range.                         | Food is out of probe range, wiring issue, control board issue, probe issue                     |
| FOOD PROBE FROZEN                  | The food temperature is below probe lower range. | Product below 32° F                                                                            |
| FILL ERROR                         | Water fill timeout.                              | Water line not hooked up, solenoid issue, waterline clogged, wiring issue, control board issue |
| LOW WATER                          | Low water detected in evaporator pan.            | No water, level sensor issue, wiring issue, control board issue                                |
| POWER FAILURE                      | Power lost during cook cycle.                    | Power outage, or electrical issues                                                             |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.          | Multiple preset files on USB                                                                   |
| USB ERROR                          | USB host fault.                                  | Faulty USB stick, or USB port                                                                  |
| ERROR-NO VALID FILE ON USB         | No readable preset file.                         | Verify that there is a preset file on USB                                                      |
| NO DRIVE DETECTED                  | No USB stick present.                            | Faulty USB stick, or USB port                                                                  |

### CHV7/RTV7 Non-Error Display Codes

| Display             | Meaning                       |
|---------------------|-------------------------------|
| DISCARD FOOD        | Cycle expired.                |
| COOLING DOWN        | Residual heat after shutdown. |
| NEW SETTINGS LOADED | Preset load succeeded.        |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### HOV5/CHV2/CHV3/CHV4/CHV5/RTV5 Error Display Codes

| Display                            | Meaning                                      | Possible Causes                                                                                |
|------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.   | Air probe out of range, wiring issue, control board issue                                      |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range. | Water probe out of range, wiring issue, control board issue                                    |
| FILL ERROR                         | Water fill timeout                           | Water line not hooked up, solenoid issue, waterline clogged, wiring issue, control board issue |
| LOW WATER                          | Low water detected in evaporator pan.        | No water, level sensor issue, wiring issue, control board issue                                |
| POWER FAILURE                      | Power lost during cook cycle.                | Power outage, or electrical issues                                                             |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.      | Multiple preset files on USB                                                                   |
| USB ERROR                          | USB host fault                               | Faulty USB stick, or USB port                                                                  |
| ERROR-NO VALID FILE ON USB         | No readable preset file                      | Verify that there is a preset file on USB                                                      |
| NO DRIVE DETECTED                  | No USB stick present                         | Faulty USB stick, or USB port                                                                  |

### HOV5/CHV2/CHV3/CHV4/CHV5/RTV5 Non-Error Display Codes

| Display             | Meaning                       |
|---------------------|-------------------------------|
| DISCARD FOOD        | Cycle expired.                |
| COOLING DOWN        | Residual heat after shutdown. |
| NEW SETTINGS LOADED | Preset load succeeded.        |

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## Current CVap and Collectramatic 8000R Controller Display Codes

### HOV2/HOV3/HBB Error Display Codes

| Display                            | Meaning                                      | Possible Causes                                                 |
|------------------------------------|----------------------------------------------|-----------------------------------------------------------------|
| AIR PROBE ERROR                    | The air temperature probe is out of range.   | Air probe out of range, wiring issue, control board issue       |
| EVAPORATOR PROBE ERROR             | The water temperature probe is out of range. | Water probe out of range, wiring issue, control board issue     |
| LOW WATER                          | Low water detected in evaporator pan.        | No water, level sensor issue, wiring issue, control board issue |
| POWER LOSS ERROR                   | Power lost during cook cycle.                | Power outage, or electrical issues                              |
| ERROR-INVALID PRODUCT CODE         | Preset file is for a different model.        | Verify that the preset file is for the correct model number     |
| ERROR-MULTIPLE PRESET FILES ON USB | More than one preset file on USB stick.      | Multiple preset files on USB                                    |
| USB ERROR                          | USB host fault                               | Faulty USB stick, or USB port                                   |
| NO DRIVE DETECTED                  | No USB stick present                         | Faulty USB stick, or USB port                                   |

### HOV2/HOV3/HBB Non-Error Display Codes

| Display                         | Meaning                       |
|---------------------------------|-------------------------------|
| COOLING DOWN<br><i>HOV only</i> | Residual heat after shutdown. |
| NEW SETTINGS LOADED             | Preset load succeeded.        |

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