

**Low Water Cut-Offs – Residential/Commercial**

**Safgard™ 24 & 170 Series**

- Heavy Duty Design
- Automatic Reset



| Specifications     | Model 24 | Model 170         |
|--------------------|----------|-------------------|
| Power Consumption  | 8 VA     | 7 VA              |
| Switching Capacity | 50 VA    | 5.8 FLA, 34.8 LRA |
| Switch Contacts    | SPDT     | SPDT              |
| Max. Pressure      | 160 PSI  | 160 PSI           |

| MODEL | VOLTAGE | DESCRIPTION/OPERATION  |
|-------|---------|--|
| 24    | 24 VAC  | Interrupts power immediately in a low water condition. Heavy duty construction. Automatically restarts burner on return of normal water level. Provides contacts for optional low-water alarm. |
| 170   | 120 VAC |  |

**Safgard™ 500 Series**

- Manual Reset
- Burner Circuit Test Button
- LED Indicating Lights



| Specifications     | Model 500 | Model 550         |
|--------------------|-----------|-------------------|
| Power Consumption  | 2 VA      | 4 VA              |
| Switching Capacity | 50 VA     | 5.8 FLA, 34.8 LRA |
| Switch Contacts    | SPDT      | SPDT              |
| Max. Pressure      | 160 PSI   | 160 PSI           |

| MODEL | VOLTAGE | DESCRIPTION/OPERATION   |
|-------|---------|---|
| 500   | 24 VAC  | Interrupts power immediately in a low water condition. Burner circuit locks-out if water remains below probe for 30 seconds. Manual reset will not trip due to power failures. Test button simulates low water condition. |
| 550   | 120 VAC |   |

**Safgard™ 600 Series**

- Automatic Reset
- Burner Circuit Test Button
- LED Indicating Lights



| Specifications     | Model 600 | Model 650         |
|--------------------|-----------|-------------------|
| Power Consumption  | 2 VA      | 4 VA              |
| Switching Capacity | 50 VA     | 5.8 FLA, 34.8 LRA |
| Switch Contacts    | SPDT      | SPDT              |
| Max. Pressure      | 160 PSI   | 160 PSI           |

| MODEL | VOLTAGE | DESCRIPTION/OPERATION   |
|-------|---------|---|
| 600   | 24 VAC  | Interrupts power immediately in a low water condition. Automatically restarts burner on return of water level. Test button checks burner circuit to ensure proper control operation without lowering the water level. |
| 650   | 120 VAC |   |

**Safgard™ 700 Series**

- Manual Reset
- LED Indicating Lights



| Specifications     | Model 700 | Model 750         |
|--------------------|-----------|-------------------|
| Power Consumption  | 2 VA      | 4 VA              |
| Switching Capacity | 50 VA     | 5.8 FLA, 34.8 LRA |
| Switch Contacts    | SPDT      | SPDT              |
| Max. Pressure      | 160 PSI   | 160 PSI           |

| MODEL | VOLTAGE | DESCRIPTION/OPERATION  |
|-------|---------|--|
| 700   | 24 VAC  | Interrupts power immediately in a low water condition. Burner circuit locks-out if water remains below probe for 30 seconds. Manual reset will not trip due to power failures. |
| 750   | 120 VAC |  |

Note: Models 500 and 700 can also be used as a secondary cut-off on steam boilers (see page 11)