



## AM-2 Series Control Panel

### FEATURES

AM-2 Control Panel houses an electrically-controlled plumbing enclosure which controls the internal cleaning system in **Captive-Aire/Aqua-Matic** hoods. This control panel enables the operator to perform three functions - engage the exhaust and/or make-up air fans (when applicable); internally clean the hood (via 2 cycle cleaning event); and provide fire protection within the extraction plenum.

When the fan switch is engaged, it allows the operator to turn the exhaust and/or supply fans (where applicable) on. This is indicated by an illuminated green light. When the wash switch is engaged, both of the fans are turned off. A two cycle cleaning event now begins. The wash event requires 140F hot water. Detergent is injected into the hot water line and the hot water and detergent are sprayed throughout the ventilation hood. The time period of the wash cycle is adjustable up to 10 minutes to meet the operator's requirements. The next event is the hot water rinse, adjustable up to 3 minutes. During this cycle, hot water flushes the detergent out of the hot water line and the spray nozzles. During the rinse event, the remainder of the grease in the extraction plenum is also flushed down the drain. The two events are now complete and the fans are "off" awaiting further instructions from the operator.

In the case of a rise in temperature (possibly caused by fire), the thermostat in the hood's duct collar signals the control panel to automatically begin the rinse event and shuts off the fans. This continuous water spray inside the plenum reduces the temperatures within the plenum, thus providing fire protection in the hood plenum. This system can also be manually activated by engaging the fire switch provided on this control panel. To reset\* the control panel after the fire has been controlled, simply engage the "fire" switch. The control panel is reset and awaiting further instructions from the operator. In addition, this control panel also provides contacts (Normally Open - Common - Normally Closed) for hook-up (by others) to the building fire alarm system.

**\*NOTE:**When the BUILDING FIRE ALARM has been connected to the control panel, refer to the reset procedure of the Building Fire Alarm System.

### Options

- 24 hour time clock
- Cold water mist control

### HOT WATER LINE SIZE REQUIREMENTS

Hood Length	Hot Water Line Size @ 20 psi.	Water Consumption (Gallons per min.)
3' - 16'	3/4" I.P.S.	up to 17 G.P.M.
16' 1" - 32' 0"	1" I.P.S.	17 to 34 G.P.M.
32' 1" - 48' 0"	1-1/2" I.P.S.	34 to 51 G.P.M.

---

## CERTIFICATIONS

---

The AM-2 Model has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.



Models AM-2 are ETL Listed under file number 3054731-001 and complies with UL508A Standards and CSA C22.2, No. 14-M95 and CSA C22.2, No. 73-1953 Standards.