



CADDY CORPORATION

Food Service Equipment

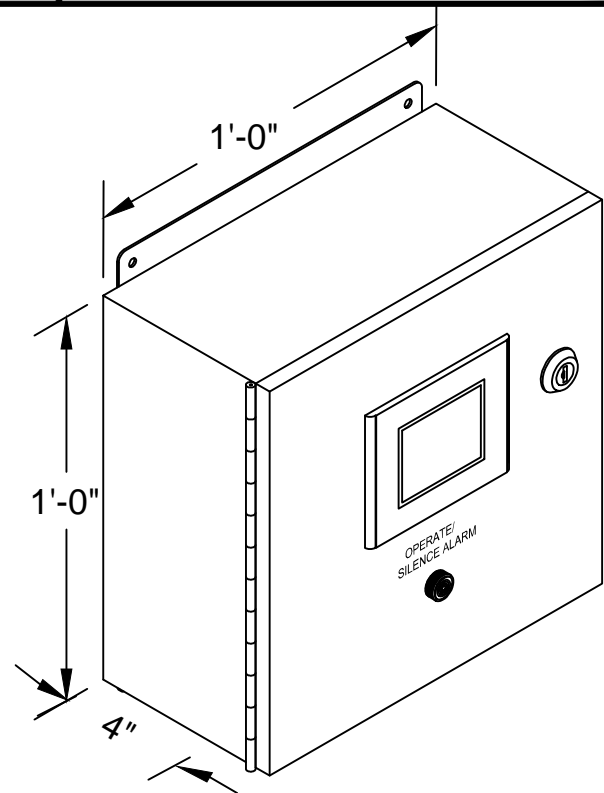
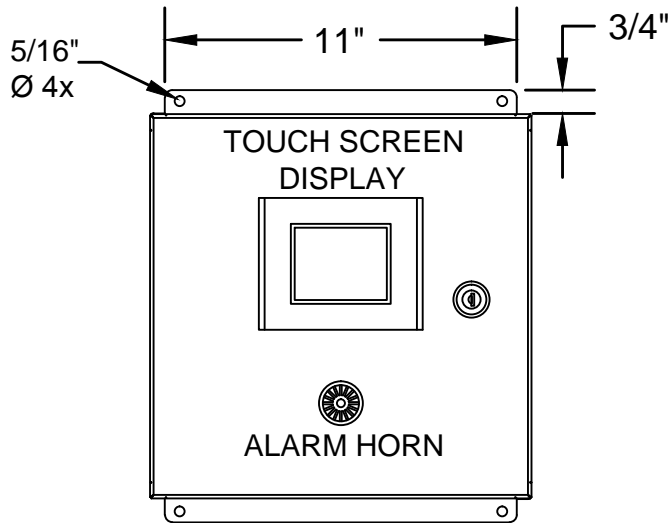
Air Systems

Control Panel for
Ultra-Violet Ventilators

Model CPE-U

Model CPE-U

Control Cabinets for Ultra-Violet Ventilators



MODEL CPE-U

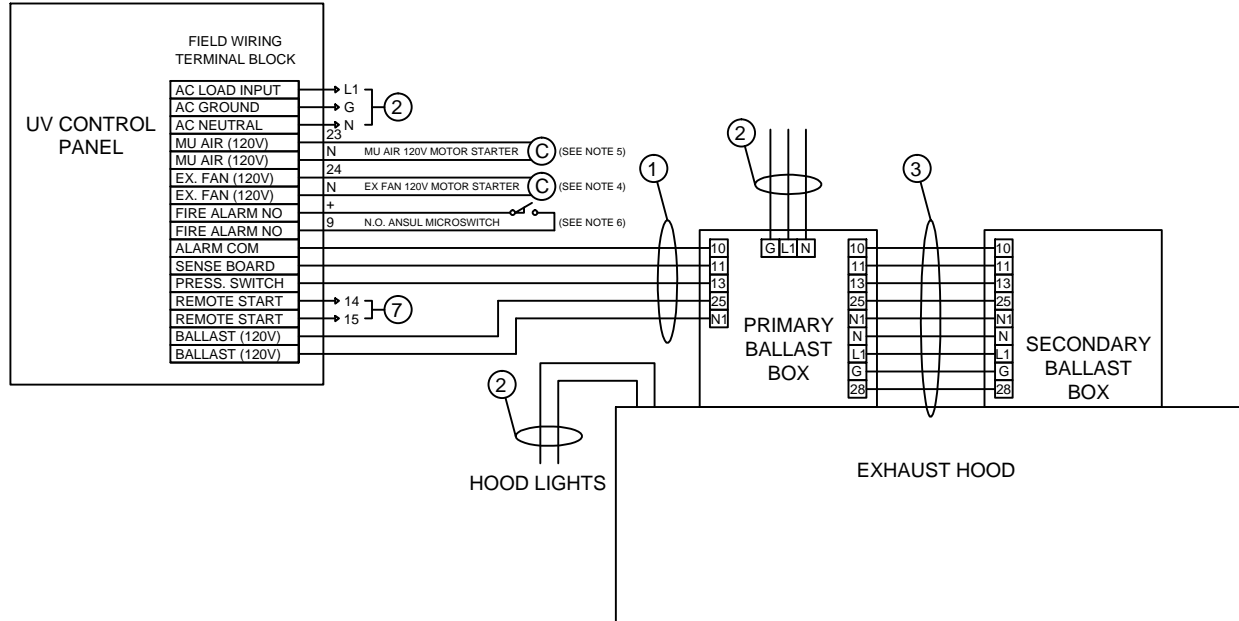
GENERAL DESCRIPTION

Control cabinet shall be furnished with ventilator. Control cabinet to house all electrical components and interlocks for the monitoring of the UVC light system, fire protection system and exhaust fan operation. The control cabinet to be constructed of 18 gauge stainless steel, #4 finish, with welded corners and hinged door electrical compartment. The electrical cabinet to be water tight to protect against direct hose spray. The control panel shall be equipped with a touch screen display indicating kitchen Exhaust Fan On / Off switch, Alarm Reset push-button, alarm buzzer and lamps to indicate Power On, Maintenance required, light safety shut down. Control cabinet to be U.L. Listed.

SEQUENCE OF OPERATIONS

- Main switch set to "Auto", "EMS" system will start system
- Main switch set to "Hand On" system will start
- In case of fire, Supply air and UV bulb power will be shut off, Alarm will sound
- If a filter is missing, alarm will sound, "UV" bulb power will be shut off.
- If "Sense" board in ballast box senses faulty light bulb, alarm will sound
- If timer reaches 7000 hours, alarm will sound
- * All alarm signals will be able to be shut off at touch screen

Model CPE-U Control Cabinets for Ultra-Violet Ventilators



1. 5 WIRE INTERLOCK BY ELECTRICAL CONTRACTOR
2. 120/1 15 AMP POWER SUPPLY BY ELECTRICAL CONTRACTOR
3. 9 WIRE INTERLOCK BY CADDY
4. 2 WIRE 120V INTERLOCK BY ELECTRICAL CONTRACTOR TO ENERGIZE EXHAUST FAN MOTOR COIL WHEN UV SYSTEM IS TURNED ON.
5. 2 WIRE 120V INTERLOCK BY ELECTRICAL CONTRACTOR TO ENERGIZE MAKE-UP AIR FAN MOTOR COIL WHEN UV SYSTEM IS TURNED ON.
6. 2 WIRE 24V LOW VOLTAGE INTERLOCK FROM ANSUL MICROSWITCH BY ELECTRICAL CONTRACTOR.
7. 2 WIRES TO BUILDING AUTOMATION SYSTEM, IF APPLICABLE