



# ECOAZUR

## DEMAND CONTROL KITCHEN VENTILATION

### MODEL DCKV STANDARD, EAZ-ST

UL Listed Demand Control Kitchen Ventilation system using heat sensors as well as optic sensors to quickly react to cooking temperatures and steam, smoke or vapors and adjust the exhaust volumes accordingly. Designed for use with multiple hoods and fans, up to 55 inputs and outputs to a single control panel. Optic sensors increase energy savings by allowing lower idle volumes and quicker reaction to smoke and steam.

#### DESCRIPTION:

The EcoAzur Standard, Model EAZ-ST, is a UL Listed Demand Control Kitchen Ventilation system using heat sensors as well as optic sensors to quickly react to cooking temperatures and steam, smoke or vapors and adjust the exhaust volumes accordingly. Avtec EcoAzur is designed for use with multiple hoods and fans, up to 55 inputs and outputs to a single control panel. Optic sensors increase energy savings by allowing lower idle volumes and quicker reaction to smoke and steam. The system is also available as a field retro-fit for existing exhaust hoods.

#### SPECIFICATIONS:

EcoAzur Standard, Model EAZ-ST, UL Listed, Demand Control Kitchen Ventilation system, including canopy mounted thermal sensors, blue technology optic sensors, user interface control keypad, processor unit, necessary interconnection hubs, and interconnecting RJ45 cables. Control pad to be enclosed in a stainless steel housing, or end mounted in hood enclosure and can easily be programmed to accept up to 55 inputs/outputs, with the ability to control multiple exhaust and supply fans utilizing Variable frequency Drive fan controllers. System shall be interconnected by use of special RJ45 cables, merely by plugging in cables at indicated locations. Wiring from VFD to fan to be performed by the electrical contractor. No additional field wiring required. Interconnection between systems shall be accomplished by use of special RJ45 cables.

#### STANDARD FEATURES:

- CT User interface control keypad(Wall Mounted) (Hood Mounted)
- CU Processor Unit
- TT Thermal sensor(s)
- IB Blur Technology optic sensors
- NE interconnecting hub units as required
- Special RJ45 Interconnecting cables (orange)

#### ORIGIN OF MANUFACTURE:

Designed and manufactured in the United States.

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

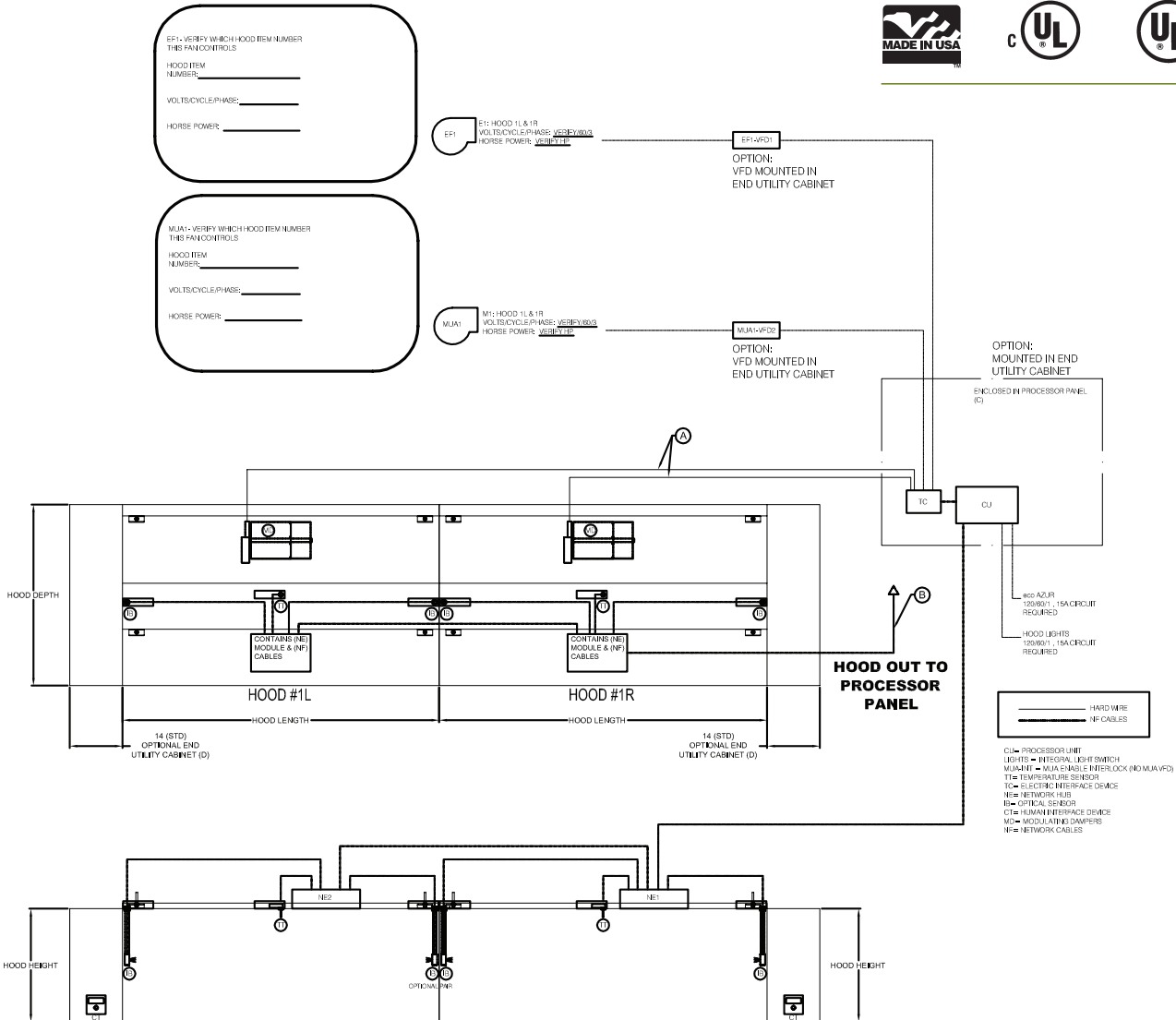
CSI SECTION: 11400

EAZ-ST Standard System for Multiple Hoods.

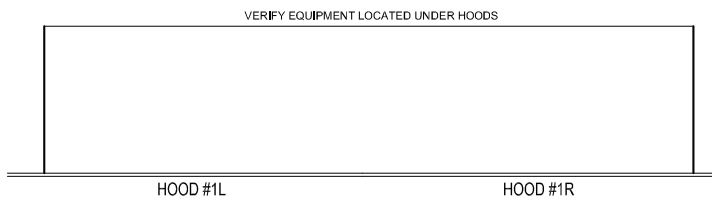


#### OPTIONAL ACCESSORIES:

- Variable Frequency Drives (VFD) to control: (\_\_\_ HP) (\_\_\_ Voltage) for Exhaust Fan (\_\_\_ HP) (\_\_\_ Voltage) for Supply Fan
- Retro-fit package for field installation



NOTE:  
ALL INTERCONNECTIONS (A & B)  
CAN BE DONE AT THE FACTORY IF  
PROCESSOR PANEL (C) IS MOUNTED  
IN AN END UTILITY CABINET (D)



**REQUIRED SPECIFICATIONS:**

(check those that Avtec is required to provide)

- MD: Modulating Exhaust Dampers
- IB: Optic Sensors
- UCBL: Utility Cabinet Left with Face Mount CT
- UCBR: Utility Cabinet Right with Face Mount CT

**VERIFY HOOD DIMENSIONS:**

Hood Length: \_\_\_\_\_

Hood Depth: \_\_\_\_\_

Hood Height: \_\_\_\_\_

**NOTES TO FACTORY:**