ECOAZUR

DEMAND CONTROL KITCHEN VENTILATION
MODEL DCKV LITE, EAZ-LT

UL Listed Demand Control Kitchen Ventilation system using heat sensors to detect cooking temperatures and adjust the exhaust volumes accordingly. Avtec EcoAzur Lite is designed for a single hood and single set of fans.

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

CSI SECTION: 11400

DESCRIPTION:

The EcoAzur Lite, Model EAz-LT, is a UL Listed Demand Control Kitchen Ventilation system using heat sensors to detect cooking temperatures and adjust the exhaust volumes accordingly. Avtec EcoAzur Lite is designed for a single hood and single set of fans. Optic sensors are an available option to 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 Lite, Model EAz-LT, UL Listed, Demand Control Kitchen Ventilation system, including canopy mounted thermal sensors, user interface control keypad, processor unit 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 a total of 5 inputs, with the ability to control one each; exhaust and supply fan 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 wiring required. System is designed to accept one set, (2) of optional blue technology optic sensors.

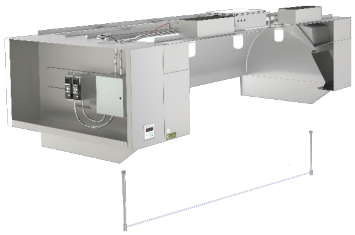
STANDARD FEATURES:

- CT User interface control keypad(Wall Mounted) (Hood Mounted)
- CU Processor Unit
- TT Thermal sensor(s)
- Special RJ45 Interconnecting cables (orange)

ORIGIN OF MANUFACTURE:

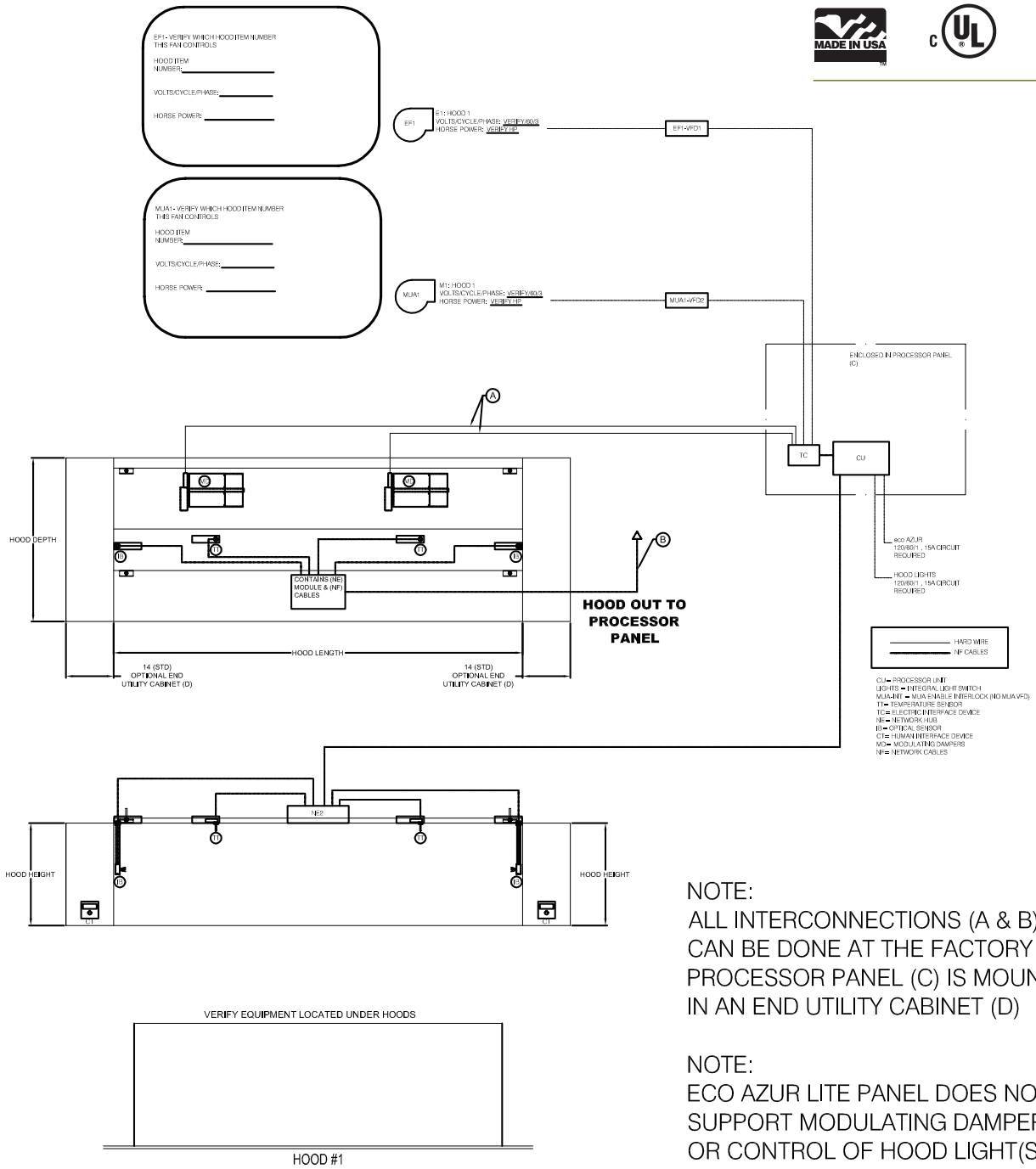
Designed and manufactured in the United States.

EAZ-LT Single Hood System



OPTIONAL ACCESSORIES:

- ☐ Blue Technology optic sensors (_____" long)
- ☐ Variable Frequency Drives (VFD) to control:
  (_____HP) (_____Voltage) for Exhaust Fan
  (_____HP) (_____Voltage) for Supply Fan
- ☐ Quick seals for future use
- ☐ 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)

NOTE:
ECO AZUR LITE PANEL DOES NOT SUPPORT MODULATING DAMPERS OR CONTROL OF HOOD LIGHT(S)

REQUIRED SPECIFICATIONS:

(check those that Avtec is required to provide)

- ☐ 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:

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