SUBMITTAL DATA

Eliminator

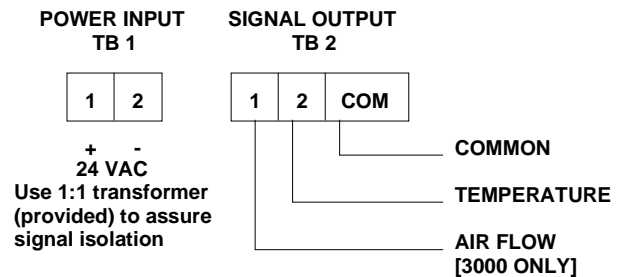## 3000 & T003 Model Wiring

PROBE

TB1   TB2

+ -   V T C

OUTPUT TO HOST
CONTROLS

COMMON
TEMPERATURE
AIR FLOW [3000 ONLY]
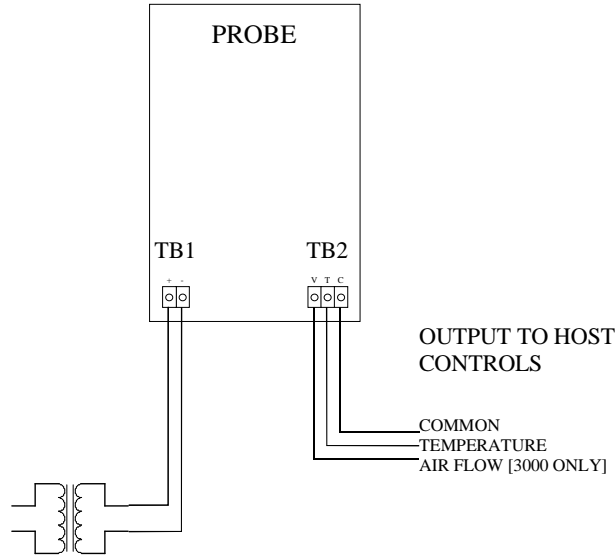
24 VAC ONLY

WIRING SCHEMATIC

Model	VA
3110	**6.6**
3120	**7.3**
3130	**7.9**
3140	**8.6**
TXX3	**6.6**

POWER REQUIREMENTS

POWER INPUT
TB 1

1	2

+   -
24 VAC
**Use 1:1 transformer
(provided) to assure
signal isolation**

SIGNAL OUTPUT
TB 2

1	2	COM

COMMON

TEMPERATURE

**AIR FLOW
[3000 ONLY]**

Std. 0-5 VDC, Optional 4-20mA (4 wire)

TERMINAL CONNECTIONS

<u>IMPORTANT NOTES:</u>

1. **24 VAC ONLY**
2. **AFMS POWER CONNECTIONS MUST NOT BE CONNECTED TO EARTH GROUND**. INSTALLATION OF THE 1:1 ISOLATION TRANSFORMER PROVIDED WITH EACH AFMS STATION IS RECOMMENDED AND REQUIRED FOR SYSTEM WARRANTY.
3. ALL CONNECTIONS TO MULTIPLE PROBES FROM A SINGLE TRANSFORMER <u>MUST BE MADE IN PHASE</u>.
4. DO NOT WIRE OTHER MANUFACTURER'S EQUIPMENT TO THE SAME TRANSFORMER AS THE EBTRON SENSORS. SOME MANUFACTURER'S GROUND THEIR DEVICES WHICH WILL RESULT IN THE LOSS OF EBTRON'S FLOATING GROUND OUTPUT.

Engineer:

Project:

Reference #:   Date:

Rep:

Dwg. #: 3 Wire 081099   Page   of