



Anemostat®

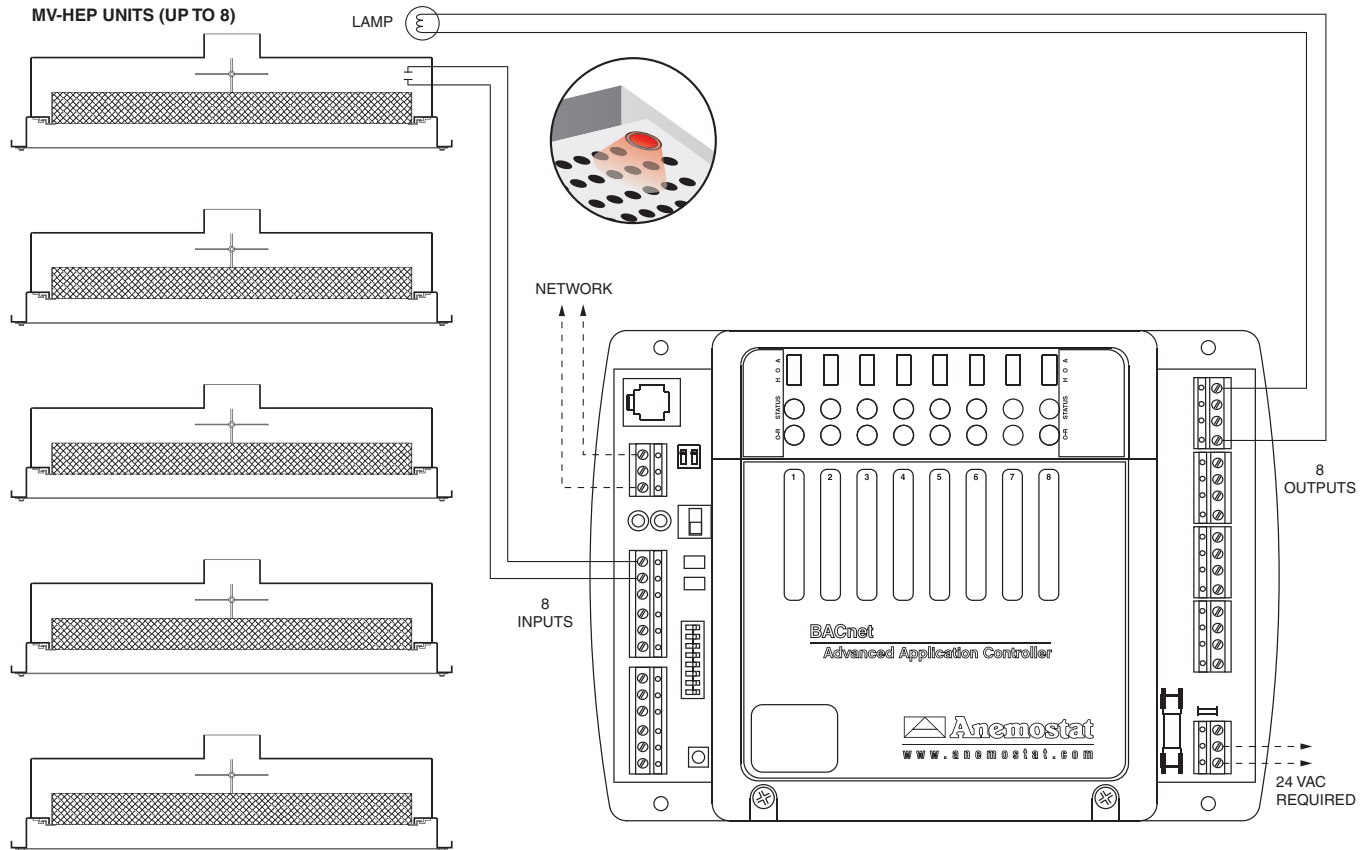
SUBMITTAL

A MESTEK COMPANY

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Model **BAC-5901C**
DIRECT DIGITAL CONTROLS
 LIGHT ALERT MONITORING
 BMS INTERFACE
 MSTP / BACnet STANDARD

DIRECT DIGITAL CONTROLS



APPLICATION

To monitor filter loading via a building management system (BMS), an Anemostat Model BAC-5901C native BACnet controller can be used to monitor the Light Alert filter air pressure sensor within each MV-HEP unit. The controller will send out an alarm message over the network indicating that filter loading has hit its' predetermined pressure drop, and requires replacement.

A typical diagram is shown for Multi-Vent BMS (BACnet Protocol) Interface for (1) Model MV-HEP w/Light Alert Filter Monitoring Option. The controller can accept up to 8 inputs, and powers the light system. The light, visible from the room side, can be excluded if desirable.

Notes:

1. (4) wire bundle (low voltage) between each laminar flow unit & BACnet controller.
2. More than (8) filters can be monitored and interfaced with one controller if units are wired and paired together.
3. The air pressure switch is manually adjusted at the laminar flow unit for a pre-determined maximum pressure drop for signaling change out. The factory calibrates and presets the pressure drop, as applicable.

All dimensions are in inches.

JOB NAME:

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