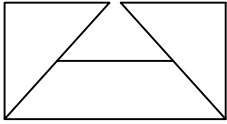


# SUBMITTAL SHEET



from: **ANEMOSTAT**®

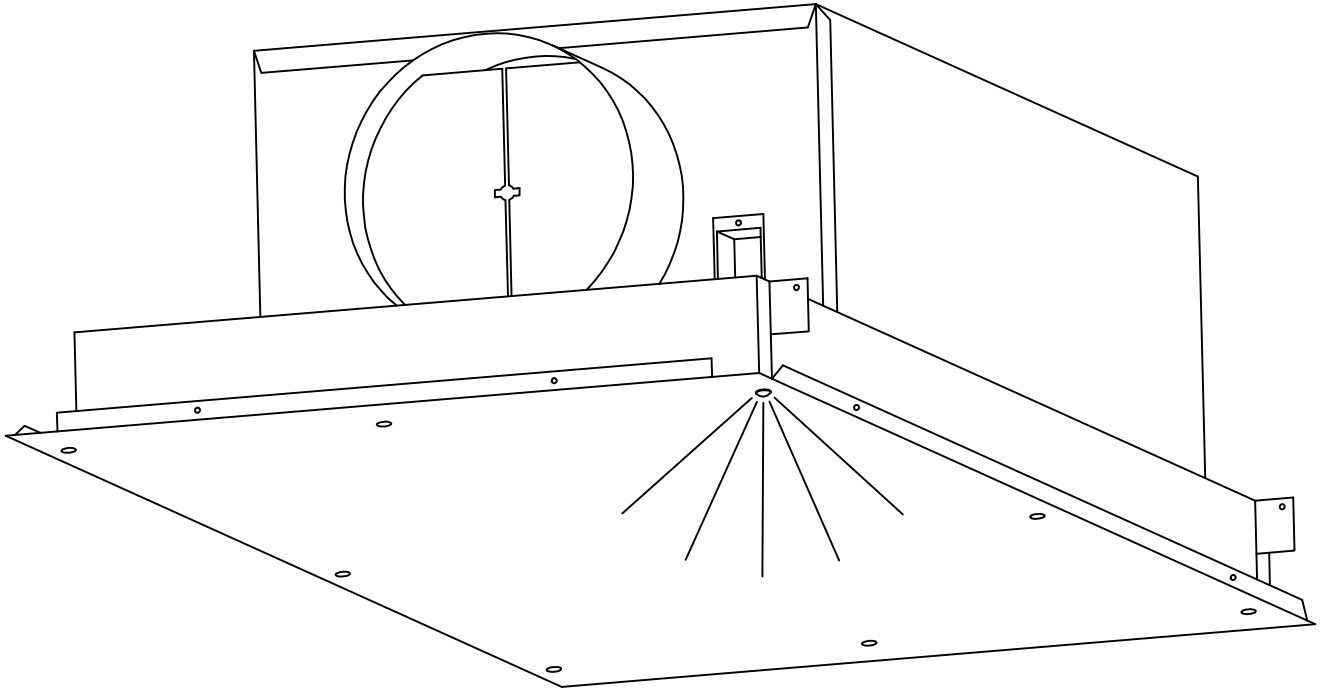
**A MESTEK COMPANY**

SCRANTON PA  
570-346-6586

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310-835-7500

# LIGHT ALERT

FOR MULTIVENT  
LAMINAR FLOW PANELS  
WITH HEPA FILTER



New multivent light alert provides an increased level of operating safety and energy savings where Multivent laminar, filtered air flow modules are used. In addition, maintenance staff labor to manually check filter condition is recommended.

Light alert consists of a status LED located at the face of each filtered laminar flow module, and is visible from the occupied space. The red LED (100K hours) illuminates when the pre-specified filter pressure drop has been reached, signifying filter replacement is required. Light alert constantly monitors filter loading using differential pressure sensors. Factory set to final pressure set points from .5 - 3.0 ΔP. Both the maintenance staff and users can verify filter condition at a glance without the need to go up to the module and connect gauges or other special tools. Because the differential pressure drop across the filter is measured, light alert is unaffected by changes in room pressure.

Light alert saves energy by indicating filter replacement due to increased operating pressures of the filter. As the filter loads up at a given air flow rate, fan energy costs increase. Replacement of the filter at a pre-determined cost effective pressure drop will save fan energy.

Light alert requires a 24 VAC power source, and the male spade connectors on each multivent allow for daisy chaining from unit to unit. Anemostat model LA-24 power supply is available for stepping down to 120, 208, 240, 277 Volt, single phase service to 24 V AC required, and can power as many as 40 light alert units.

All Dimensions are in Inches

JOB NAME:	SUBMITTED BY:
LOCATION:	
ARCHITECT:	
ENGINEER:	DWG # MVD-0426
CONTRACTOR:	DATE 11-15-00 REV