



## Northeast Air Solutions HVAC products & Air Systems

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### TITUS T3SQ

Cold spot? Electric heat  
in the diffuser neck

# This is Green Air

Presented by NASPR

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Because YOU MUST MEASURE AND MAINTAIN OUTSIDE AIR ON EVERY VAV  
JOB - ALWAYS!!

Ruskin Offers Louvers with integral air measuring solutions

Ruskin now offers a complete line of air  
measuring devices using both differential  
pressure and electronic technology. Units  
are available with control dampers.



### THREE YEAR WARRANTY!



Digital readout Pressure gauge



Go to the website and click on  
the LEADS picture o the left

### RUSKIN LEADS LOUVER SELECTION



NO signing up  
NO disk to install

The program will show you all the models that fit  
your criteria and compare performance and cost

#### STANDARD CONSTRUCTION

##### HOUSING

Hinged, 4" x 5" x 2 1/2" (102 x 127 x 64), IP66-rated polycarbonate

##### PRESSURE PORT FITTINGS:

Barbed Brass accepts 1/8" or 5/32" I.D. Tubing

##### SENSOR

Micro-machined, single-crystal silicone, piezoresistive

##### LCD DISPLAY

4.5 character displays actual differential pressure (DP)

##### FIELD SELECTABLE OUTPUT RANGES

4 to 20 mA  
0 to 5 VDC  
0 to 10 VDC

##### POWER REQUIREMENTS

7 to 45 VDC (4-20 mA Output)  
7 to 45 VDC or 7 to 32 VAC (0-5 VDC Output)  
13 to 45 VDC or 13 to 32 VAC (0-10 VDC Output)

##### POWER CONSUMPTION

4.9 mA max DC at 0-5 VDC or 1-10VDC Output  
0.12VA max AC at 0-5 VDC or 0-10VDC Output  
20 mA max. DC only at 4-20 mA Output

##### FIELD SELECTABLE RANGES (INCHES WATER COLUMN)

Unidirectional: 0-0.1", 0-0.25", 0-1.0", 0-2.5", 0-5.0"  
Bi-directional: ±0.1", ±0.25", ±1.0", ±2.5", ±5.0"

##### BI-DIRECTIONAL PRESSURE

Zero Pressure at Mid-span

##### ACCURACY

±1% on 0-0.1 and ±0.1 ranges  
±0.5% on all other ranges

##### AUTO-ZERO FUNCTION

Microprocessor Controlled

##### TEMPERATURE LIMITS

Storage: -13° F to 176° F  
Operational: -13° F to 176° F  
Compensated: -32° F to 140° F

##### OPERATING RH RANGE

0 to 95% non-condensing

There are two ways to navigate through **LEADS**:

The **Selection** method selects Ruskin louver models based upon louver construction and the louver application. **LEADS** will then identify the Ruskin model or models that fit the selected specifications. The selected models can then be evaluated using the Performance Criteria method.

The **Performance Criteria** method sizes louvers based on louver style, airflow volume, maximum pressure drop and either the height or width dimension. If preferred, both height and width may also be selected. **LEADS** results can be printed by clicking the browser's printer icon.

The models selected by **LEADS** are automatically linked to Ruskin's Online Catalog where product data submittal sheets, installation sheets and CSI specifications can be found.

**LEADS** column headers can all be sorted by the criteria most important to your application giving you maximum flexibility in selecting.

**LEADS** also incorporates many "mouse-over" notes to assist the user with industry louver terms and selection criteria

[Ruskin.com](http://Ruskin.com)