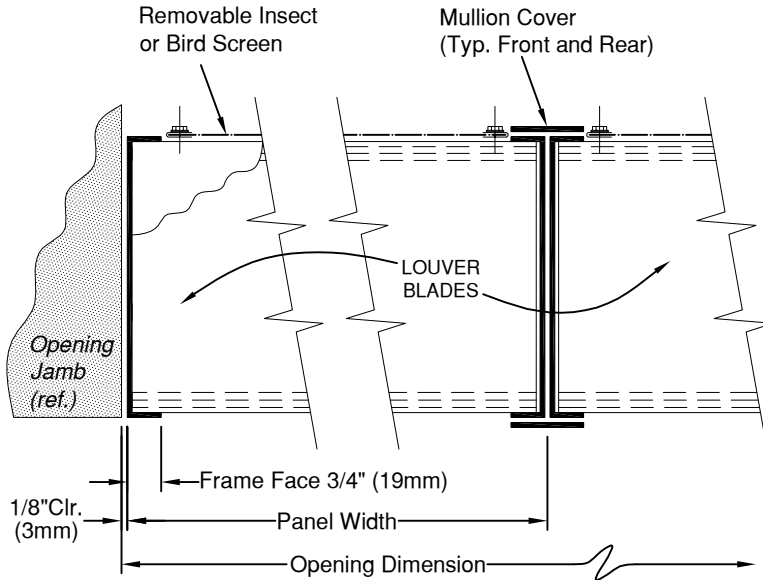


L&L LOUVERS INC.

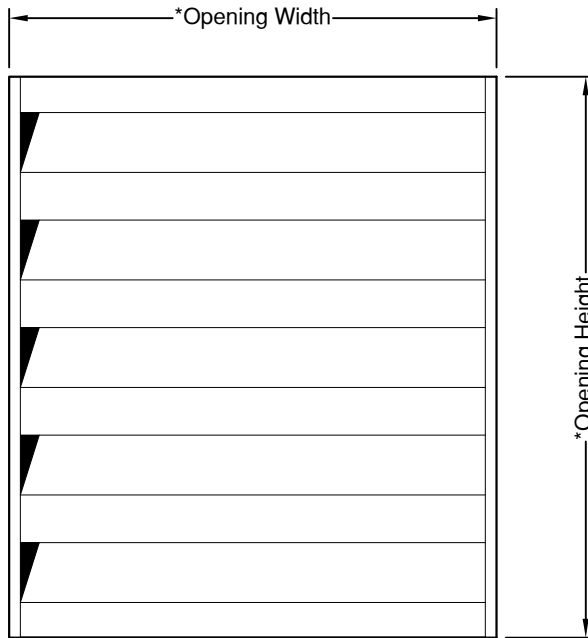
12355 DOHERTY STREET
 RIVERSIDE, CA. 92503
 (951) 735-9300 FAX:(951)735-4628
 E-MAIL: info@louver1.com

MODEL G-8-AC

FORMED STEEL ACOUSTICAL LOUVER
 8" Fixed Insulated Para-Blade 45° Blade

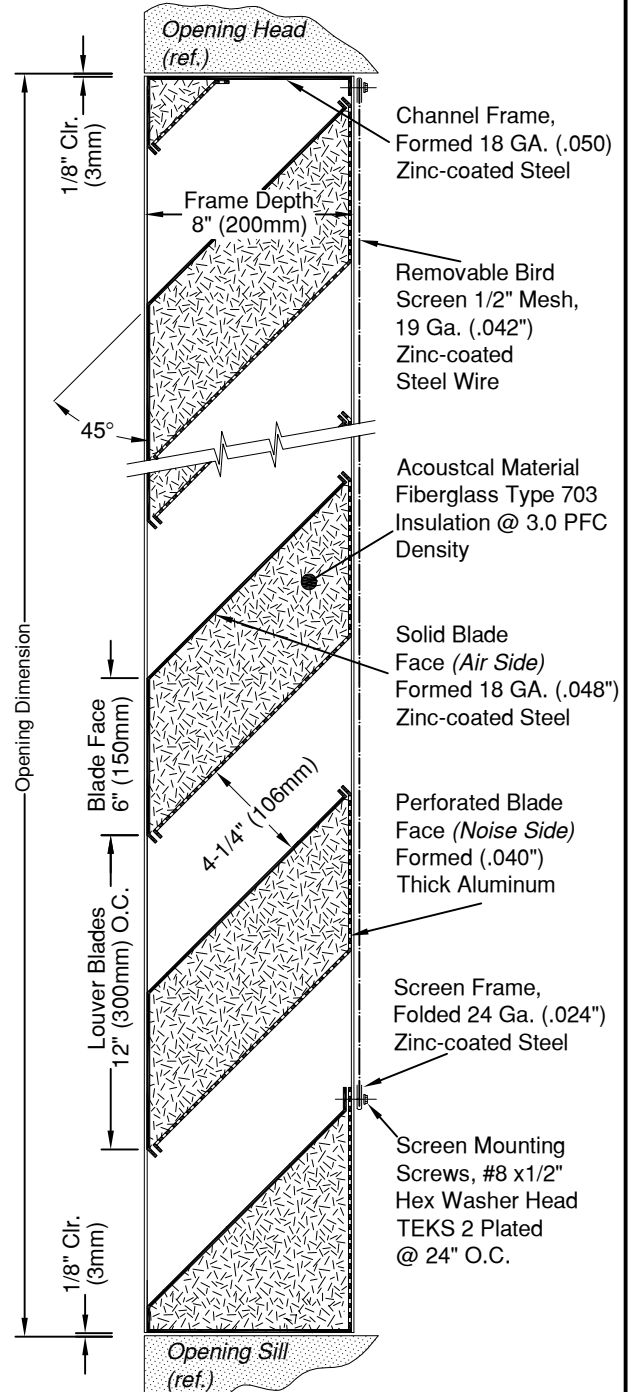


TYPICAL HORIZONTAL SECTION



*Actual net louver size will be 1/4" under Opening Dimensions.

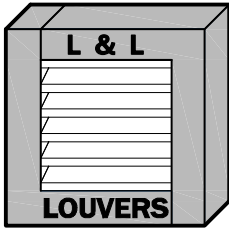
FRONT ELEVATION



TYPICAL VERTICAL SECTION

| | |
|-------------|-------|
| PROJECT: | |
| LOCATION: | |
| ARCHITECT: | |
| CONTRACTOR: | |
| CUSTOMER: | |
| | DATE: |





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MODEL G-8-AC

Sound Transmission

WESTERN ELECTRO - ACOUSTIC LABORATORY, INC.

1711 SIXTEENTH STREET SANTA MONICA, CALIFORNIA 90404 (213) 870-9268

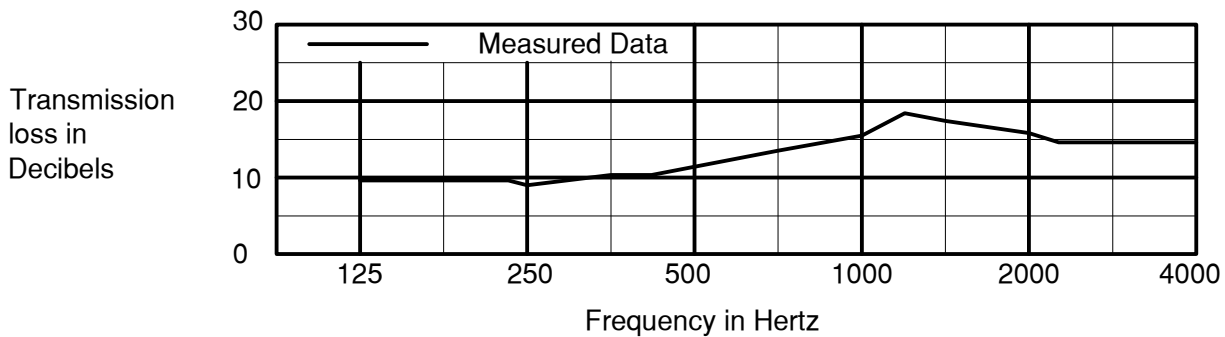
PAUL S. VENEKLASEN / DIRECTOR (213) 450-1733

INTRODUCTION

The methods and procedures used for this test conform to the provisions and requirements of ASTM Procedure E90-81, Standard for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions. Details of the procedure will furnished upon request.

RESULTS OF THE MEASUREMENTS

The sound transmission loss values at 17 one-third octave bands are tabulated on the charts below. The Sound Transmission Class rating determined in accordance with ASTM E-413 was STC-10.



| | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|------|------|
| 1/3 OCT BND CNTR FREQ | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 |
| TL in dB | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 95% UNCERTAINTY IN dB | 1.72 | 1.36 | 1.00 | 0.93 | 0.98 | 0.71 | 0.51 | 0.57 | 0.43 |
| Speciman Area: 23.92 sq. ft. | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 | STC |
| Temperature: 65 F | 15 | 17 | 18 | 16 | 15 | 15 | 15 | 15 | 14 |
| Relative Humidity: 54% | 0.38 | 0.31 | 0.56 | 0.46 | 0.55 | 0.42 | 0.52 | 0.54 | |
| Test Date: 14 Jan. 1992 | | | | | | | | | |

RESEARCH CONSULTING CALIBRATION INSTRUMENTATION

ACCREDITED BY THE NATIONAL BUREAU OF STANDARDS, NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM FOR SELECTED TEST METHODS FOR ACOUSTICS.