AIR THERM GRAVITEC THERMODYNAMIC
NATURAL VENTILATION SPECIFICATION FOR
WALL LOUVER TYPE AWL-STEEL

GALVANIZED STEEL, 6" DEEP, 35° ADJUSTABLE
ADJUSTABLE LOUVERS

-FRAME: 6" DEEP CHANEL, 16 GA GALVANIZED STEEL
-BLADES: 20 GA GALVANIZED STEEL
-SCREEN: (OPTIONAL) LOCATED ON EXTERIOR
-AXLES: 1/2" DIAMETER ALUMINIUM
-BEARINGS: DELRIN BUSHING
-LINKAGE: PLATED STEEL HIGH BRACKET, 5/16" DIA.
PLATED STEEL LINKAGE ROD
-DRIVING: ACTUATOR (MECHANICAL) OR CHAIN (MANUAL)
-MAXIMUM PANEL SIZE: 96" (HEIGHT) x 60" (WIDTH)
MINIMUM PANEL SIZE: 12" x 12"
-DIMENSIONS "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING SIZE, LOUVERS ARE MADE 1/4" UNDERSIZE.
-INDUSTRIAL QUALITY HARDWARE.
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LEAKAGE:
We have shown two leakage values. The higher values are with out seals; lower
values are with operational blade and jamb seals. Values shown are at
1 in. wg differential pressure

OPERATING TORQUE FACTOR:
Louver are normally operated by applying
a force to the blade to blade linkage whereas
dampers are driven through the blade axes.
Because of this fact, simple operating torques
cannot be published.

GALVANIZED STEEL, 6" DEEP, 45° FIXED
STATIONARY LOUVERS

-FRAME: 6" DEEP CHANEL, 16 GA GALVANIZED STEEL

-BLADERS: 20 GA GALVANIZED STEEL

-FINISH: MILL

-SCREEN: (OPTIONAL) LOCATED ON EXTERIOR

-MAXIMUM PANEL SIZE: 96" (HEIGHT) x 144" (WIDTH)
MINIMUM PANEL SIZE: 12" x 12"

-DIMENSIONS "A" (WIDTH) AND "B" (HEIGHT) ARE OPENING
SIZE. LOUVERS ARE MADE 1/4" UNDERSIZE.

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Water Penetration : .01 oz. (3.0 g.) at 760 fpm (3.86 m/s) recommended free area velocity
Pressure Drop : .09 in. wg. (22.3 Pa) at 760 fpm (3.86 m/s) and 5880 SCFM (27.02 scm/s)
Free Area : 7.75 sq ft (0.72 sq m) = 48.4% for 48" X 48" (1.22 m X 1.22 m) test size

Both maximum recommended free area velocity and beginning of water penetration are 760 fpm at standard air - .075 lbs/cu ft

NOTE:
Openings that require multiple louver panels in both width and height will require internal structural supports. It is recommended that large openings be divided with structural members so that the louveres will span either width or height with a single panel. Unusual high wind loading may require structural supports on multiple wide and multiple high assemblies.

- Structural supports and mounting accessories are not supplied by Air-Therm Inc.