FRAMES:
Extruded aluminum 6" deep channel frame .080" thk. (nominal), 6063-T6/T52 alloy.

BLADES:
Stationary Blades
35° Extruded aluminum .080" thk. (nominal) of 6063-T6-T52 alloy, 4 1/2" on centers.
Adjustable Blades are .125" thk. (nominal) extruded aluminum, 6063-T6/52 alloy.

FACE OF LOUVER:
Full width sill with head and blades contained within jambs.

Bearings:
"Double Sealed" bearing, with inner bearing riding inside a polycarbonate outer bearing, designed so that Celcon bearing material will not cause metal to metal friction.

Linkage:
Extruded aluminum, concealed in the channel out of the airstream. The trunnions, which rotate in Celcon bearings, are .50" dia. plated machined steel. The trunnion is locked to the 5/16" dia. aluminum linkage rod by a 1/4 - 20 set screw with epoxy locking patch.

Shafts:
.50" dia aluminum "Pin-Lock" rod.

Seals:
Extruded silicone rubber seals at blade edge. Foam on bottom blade. Stainless Steel at jams.

Screens:
(When indicated, in a removable frame)
Bird Screen - 1/2" Flattened Aluminum, .051" thk.
OR - 1/2" sq. mesh intermediate double crimped aluminum wire, .063" dia.
OR - 18/16 mesh, .011" dia. aluminum wire insect screen.

Finish: Mill
Minimum Panel Size: 12" x 12"
Maximum Panel Size: 48" x 96"

LOUVER PERFORMANCE STATEMENT
The Airline Model AC6S35H shall be fabricated to provide a minimum of (52%), 8.38 square feet of free area for a 48" x 48" size louver, and bear the AMCA Certified Ratings Seal for Air Performance and Water Penetration. The rating shall show a beginning point of water penetration at .01 ounces per square foot of free area velocity of 981 feet per minute, (8162) cubic feet per minute with a .145 inches water gauge pressure drop for air intake.

Nominal Deductions will be made to the opening size given.
Airline Louvers certifies that the Model AC6S35H shown herein is licensed to bear the AMCA Seal. The rating shown are based on tests and procedures performed in accordance with the AMCA publication 511 and comply with the requirements of the AMCA Certified Rating Program. The AMCA Certified Ratings Seals applies to Air Performance ratings and Water Penetration ratings.