

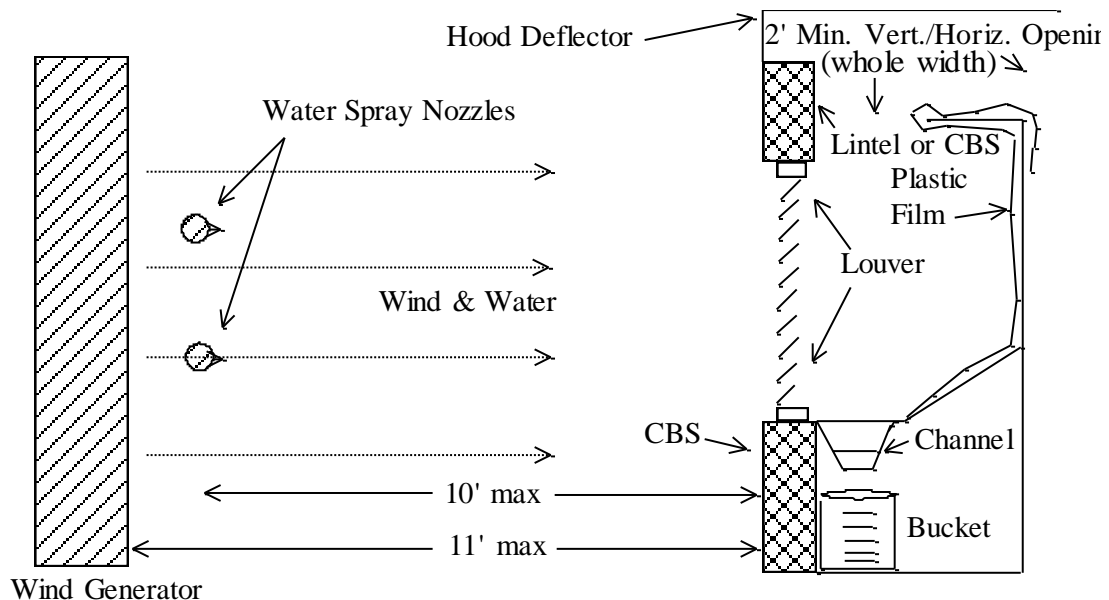
**CHECKLIST #0240 FOR THE APPROVAL OF:
LOUVERS (INCLUDES GABLE END LOUVERS)**

- ❑ Basic Requirements Checklist.
- ❑ One set of the manufacturer's 'approval document' including:
 - a) Material specification, size, thickness and dimensions of the product, and
 - b) Method of installation and attachment, matching the tested installation.
- ❑ Calculations verifying the anchor system of the louver to the structure.
- ❑ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol TAS 301.

Louvers that protect air intake openings in structures:

- ❑ AMCA 550 per FBCM 401.5
or
- ❑ Wind Driven Rain test per TAS 100(A)- 95 with the following modifications:
 - 1) Testing shall be done using a vertical test frame consisting of CBS blocks.
 - 2) All fasteners used shall have verifiable published literature.
 - 3) There shall not be any water infiltration in excess of 1% of the total water sprayed.
 - 4) The test set-up shall be configured in the following manner:





MIAMI-DADE COUNTY, FLORIDA
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
PRODUCT CONTROL SECTION

Louvers that protect air intake openings in structures and all other louvers:

- TAS202; structural loads only. The test sample shall be considered completely closed for the purpose of load distribution to anchoring of the louver system. Mullions must comply with L/180 maximum deflection.

If the room behind louver is not designed as an open structure, the following tests shall also be performed. (Operable louvers require these tests.)

- TAS201 and TAS203. After impact, there shall be no horizontally projected opening formed through which a 3 in diameter sphere can pass.

Notes:

1. If the louver has plastic as a component, add the Plastic Checklist to these requirements.
2. The following equation may be used to calculate the allowable cycle time for specimens larger than 75 ft² and with a width of more than 20 ft. and/or height of more than 8 ft.
Maximum allowable cycle time for specimens over
75 ft² = (area of specimen – 75) x (0.06) +3 seconds
Maximum allowable cycle time for this equation is not to exceed 10 seconds.