



Drainable Blade Louver

Abstract

A drainable blade louver comprises a multiplicity of inclined blades extending horizontally between the jambs of a frame. Each blade has in cross-section a base portion sloping smoothly upwardly from a lowermost point at the front edge of the blade to an uppermost point proximate to the rear edge of the blade. The undersurface of the base portion is free of protuberances so that there are no drip points and water clinging to the undersurface of the base portion is transported along the undersurface by the air flowing through the louver. A generally C-shaped bottom trough portion adjacent the upper edge of the blade captures water blown along the undersurface of the blade and drains it to the jambs. A front drainage trough, an intermediate drainage trough, and a rear drainage trough on the top surface of each blade provide high capacity water-capturing ability. Water captured in each drainage trough flows along each trough to respective front, intermediate and rear drainage channels in the jambs.