

# SPECIFICATIONS



## CRITICAL ENVIRONMENT

### Model: Iso-Zone 100 and 150

Furnish and install Raymon ***Iso-Zone® 100*** Critical Environment diffusers of the sizes, configurations and mounting types indicated on the plant and outlet schedule. Diffuser shall be constructed with a maximum 6 inch tall back pan, removable internal baffle for evenly distributing air over the face of the diffuser, and a perforated face panel with 3/32" diameter holes on 3/16" staggered centers to create a free area of 23%.

Both internal baffle and face panel shall be removable with room side accessible latches that do not require tools to release. Safety cables shall be attached to the face panel. Construction materials shall consist of 24 gauge mild steel with corrosion resistant standard white finish, .032: minimum thickness aluminum or 24 gauge 304 stainless steel as specified.

When specified, coatings shall provide a finish that will withstand cleaning with high concentration solutions and

Furnish and install Raymon ***Iso-Zone® 150*** Filter Ready Critical Environment diffusers of the sizes, configurations and mounting types indicated on the plans and outlet schedule. Diffuser shall be constructed with a maximum 6" tall back pan and a perforated face panel with 3/32" diameter holes on a 3/16" staggered centers to create a free area of 23%. Face panel shall be removable with room side accessible latches that do not require tools to release. Safety cables shall be attached to the face panel. Back pan shall include an extruded aluminum frame with integral knife-edge flange designed to engage a silicone gel seal in an approved filter frame. The filter shall be held in place by a minimum of four cam-type retainers that can be turned, providing for removal and replacement of the filter housing without disturbing the housing in the ceiling or the duct connection.

Construction materials shall consist of 24 gauge mild steel with corrosion resistant standard white finish, .032" minimum thickness aluminum, or 24 gauge 304 stainless steel, as specified. When specified, coatings shall provide a finish that will withstand cleaning with high concentration solutions and agents.