General

TITUS linear slot diffusers are most commonly used air-conditioning outlets which normally installed in ceiling and window sills. Specially designed slot diffusers are being selected where the area of the closed room with larger area. Required air pattern can be achieved by adjusting deflector blades. A complete horizontal throw is possible with these special blades. Party halls, restaurants, shopping malls, airports are few examples where linear slot diffusers installed.

Construction • Description • Standard Finishes

Construction

● Extruded aluminium profile frame with 31mm flange width and 60mm height
● 13.2mm wide and 60mm high aluminium extruded spacers called slot ‘T’
● 18mm high aluminium extruded deflector blades
● 20mm slot width as standard and other widths of 16mm & 25mm are available
● Up to 8 numbers of slots available
● Up to 6 Mtrs. long slot diffusers available as single unit.
● Optional hit & miss dampers and acoustically insulated plenum boxes.

Description

● High standard aluminium extruded profile frame, spacer and blades rigidly fixed by aluminium supports and rivets with high corrosion resistance.
● Special type deflection blades are fixed to frames and spacers to provide two blades per slot. Air distribution can be deflected vertically or horizontally by adjusting the deflection blades from the face side of the linear slot diffuser.
● Hit and miss dampers controls the air flow rate and its unique design provides complete closing and equalizing options.
● As the linear slot diffusers comes with more than 6 mtr. in most of the applications, straight line alignment can be achieved by using alignment strips. These alignment strips are helpful to install them with uninterrupted run and to give better appearance.
● Foam gasket seal around the neck of the slot diffusers as optional to avoid air leakage.

As per the required air pattern, it is appropriate for ceiling and sill installations.

Standard Finishes

● Natural anodized aluminium finish.
● Powder coated color finish, other colors as option.
● Flexibility of finish is available as option.