

# SPECIFICATIONS



## T-BAR DIFFUSERS

### Model: XW Series

Slot diffusers shall be Raymon-Donco series XW for supply and XR for return.

Diffusers shall have a 1" slot width and be available with 1 to 4 parallel slots. Standard nominal lengths shall be 2, 3, 4, or 5 feet. Units shall be constructed of 24 gauge steel. The inlet collar must have at least 1 1/2" depths for duct connection. The standard finish will be white exterior with black pattern controls.

Each supply slot of the diffuser shall have a pattern controller with a tight sealing gasket edge at the top of the blade which seats against the plenum wall or slot divider and provides full flow. The pattern controller must be field adjustable from the face of the diffuser to change the discharge from side to side or from horizontal to vertical. Pattern controls in lengths of 48 to 60 inches shall have a center divider with two independently adjustable pattern controls in each slot.

Diffuser tee flanges to be integral to the diffuser and will support adjacent ceiling tile without additional ceiling grid tee bars. Tee flanges shall be constructed of a double metal thickness for rigidity and match appearance with and dimensions of standard ceiling grid.

Optional 1/2" thick, 2 pound density integral insulation shall be available. Insulation shall meet UL 181 and NFPA 90 requirements. Factory furnished plaster frames and inlet dampers shall also be available as optional accessories.

The manufacturer shall provide published performance data for the slot diffuser. The diffuser shall be tested in accordance with ANSI/ASHRAE Standard 70-1991.