

# SPECIFICATIONS



## T-BAR DIFFUSERS

Model: DCDT

Slot diffusers shall be Raymon-Donco series DCDT for supply and DCDR for return.

Diffusers shall have 1-4 discharge slots (3/4", 1", 1 1/2") wide. 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" depth for duct connection. The standard finish will be black, t-bars will be white. One and two slot units shall be 8 inches in height. Three and four slot units shall be 11 inches in height.

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.

Optional 1/2 inch thick, 2 pound density internal 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.