



# PLENUM SLOTS

## High Induction Series HISD, HISR, HIDD, HIDR



HISD

### STEEL

The HISD is a plenum slot supply diffuser with a curved blade pattern controller (non-adjustable) that projects a wide horizontal air pattern that blankets the ceiling for effective air distribution. The high rate of induction reduces temperature gradients and improves comfort levels. It is used mainly for cooling but can also be used for heating and cooling in exterior zones with low heating demands. The HISR includes an integral return section attached to the supply diffuser that provides a cost effective method of returning air to the ceiling plenum.

The HIDD plenum slot supply diffuser incorporates a vertical down-blow center section into the HISD diffuser. This allows air to be discharged in two separate patterns. The outside sections with the curved blade pattern controllers provide a horizontal air pattern that blankets the ceiling. Adjustable vanes in the down-blow section direct vertical flow into hard to access areas such as recessed windows and under bulkheads. The HIDR includes an integral return section attached to the supply diffuser that provides a cost effective method of returning air to the ceiling plenum.

### FEATURES

- Horizontal supply slots with contoured blades create high induction
- Center down-blow section provides vertical airflow for problem areas
- Integral return reduces installation costs and enhances ceiling aesthetics (non-ducted)
- Excellent for VAV (variable air volume) applications
- Single slot configuration with 3/4" slot width (return slot has 2" width)
- Standard nominal lengths: 24", 36", 48" and 60"
- HISD and HISR are steel construction with aluminum pattern controls
- HIDD and HIDR are steel construction with steel pattern controls
- The diffusers are designed for standard Lay-in T-Bar ceiling systems
- Standard finish is Black (BL) exposed surfaces & pattern controllers with white optional tees

### ACCESSORIES

- Factory mounted T-bars
- Plaster frame (PF) for sheetrock and plaster ceilings

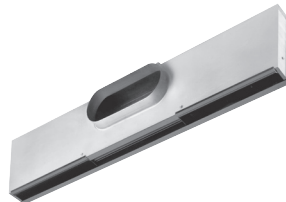
### HISD, HISR, HIDD, HIDR Available Sizes

Length (in.)
24
36
48
60

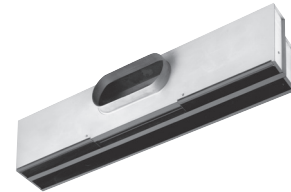
Plenum Slots



HISR



HIDD



HIDR