



SPECIFICATIONS

HISD, HISR

HISD Suggested Specification:

The plenum slot supply diffuser shall be the Tuttle & Bailey HISD. The diffuser shall be provided with an extruded aluminum curved blade pattern controller (non-adjustable) which provides a tight horizontal pattern across the ceiling. Construction shall consist of a 24 gauge galvanized steel plenum and provide a drawn neck to prevent air leakage. The diffuser shall have a 3/4" slot width and shall not exceed 7" in height.

Optional plaster frame (PF) available to accommodate sheetrock and plaster ceiling applications.

The exposed surfaces and pattern controller of the plenum slot diffuser shall be the Tuttle & Bailey Flat Black (BL).

The manufacturer shall provide published performance data tested in accordance with ANSI/ASHRAE Standard 70-1991 at isothermal conditions.

HISR Suggested Specification:

The plenum slot combination supply and return diffuser shall be the Tuttle & Bailey HISR. The supply portion of the diffuser shall be provided with an extruded aluminum curved blade pattern controller (non-adjustable) which provides a tight horizontal pattern across the ceiling. The supply portion of the diffuser shall have a 3/4" slot width. Construction shall consist of a 24 gauge galvanized steel plenum and provide a drawn neck to prevent air leakage. The diffuser shall not exceed 7" in height. The return section shall have a 2" slot width and shall be an integral part of the diffuser.

Optional plaster frame (PF) available to accommodate sheetrock and plaster ceiling applications.

The exposed surfaces and pattern controller of the plenum slot diffuser shall be the Tuttle & Bailey Flat Black (BL).

The manufacturer shall provide published performance data tested in accordance with ANSI/ASHRAE Standard 70-1991 at isothermal conditions.

Model	Slot Length	Down-Blow Length	Plenum Inlet Size	Accessories	Finish
HISD	24 36 48 60	08"	06 - 6" Oval 08 - 8" Oval 10 - 10" Oval	00 - None PF - Plaster Frame ET - Earthquake Tabs	BL - Black exposed surfaces and pattern controllers, white optional tees
HISR		12"			
		15"			
		18"			

Example: HISD - 24 - 08 - 06 - 00 - BL

Note:

24" length only available in 6" and 8" inlets.



SPECIFICATIONS

HIDD, HIDR

HIDD Suggested Specification:

The plenum slot supply diffuser shall be the Tuttle & Bailey HIDD. The diffuser shall include outside supply sections with extruded aluminum curved blade pattern controllers (non-adjustable) which provide a tight horizontal pattern across the ceiling and a center down-blow section for vertical discharge. The center down-blow section shall include "ice tong" shaped pattern controllers which have 180° adjustability and shall include 1/4" thick internal insulation. Construction shall consist of a 24 gauge galvanized steel plenum and provide a drawn neck to prevent air leakage. The diffuser shall have a 3/4" slot width and shall not exceed 7" in height.

Optional plaster frame (PF) available to accommodate sheetrock and plaster ceiling applications.

The exposed surfaces and pattern controller of the plenum slot diffuser shall be the Tuttle & Bailey Flat Black (BL).

The manufacturer shall provide published performance data tested in accordance with ANSI/ASHRAE Standard 70-1991 at isothermal conditions.

HIDR Suggested Specification:

The plenum slot combination supply and return diffuser shall be the Tuttle & Bailey HIDR. The supply portion of the diffuser shall include outside supply sections with extruded aluminum curved blade pattern controllers (non-adjustable) which provide a tight horizontal pattern across the ceiling and a center down-blow section for vertical discharge. The center down-blow section shall include "ice tong" shaped pattern controllers which have 180° adjustability and shall include 1/4" thick internal insulation. The supply portion of the diffuser shall have a 3/4" slot width. Construction shall consist of 24 gauge galvanized steel plenum and provide a drawn neck to prevent air leakage. The diffuser shall not exceed 7" in height. The return section shall have a 2" slot width and shall be an integral part of the diffuser.

Optional plaster frame (PF) available to accommodate sheetrock and plaster ceiling applications.

The exposed surfaces and pattern controller of the plenum slot diffuser shall be the Tuttle & Bailey Flat Black (BL).

The manufacturer shall provide published performance data tested in accordance with ANSI/ASHRAE Standard 70-1991 at isothermal conditions.

Plenum Slots

Model	Slot Length	Down-Blow Length	Plenum Inlet Size	Accessories	Finish
HIDD	24 36 48 60	08"	06 - 6" Oval 08 - 8" Oval 10 - 10" Oval	00 - None PF - Plaster Frame ET - Earthquake Tabs	BL - Black exposed surfaces and pattern controllers, white optional tees
HIDR		12"			
		15"			
		18"			

Example: HIDD - 24 - 08 - 06 - 00 - BL

Note:
24" length only available in 6" and 8" inlets.