

Custom Flow Linear

AS SERIES

General:

Supply and return Custom Flow linear slot diffusers shall be furnished and installed. Provide shop drawings accompanied by itemized list indicating units' location and appropriate product submittal drawings provided by the manufacturer. Exact dimensions of walls and ceiling are as per the architectural drawings. Install diffusers so they fit properly in the ceiling system with suspension wire (48 in. o/c MAX.) and/or attachment plates — as required. Coordinate installation with General Contractor and other sub-contractors.

The linear slot diffuser shall utilize heavy wall-extruded aluminum air deflector frames. These frames shall be designed to accommodate notched compressible space bars, spaced approximately 24 in. on center. The steel air pattern controllers are adjustable and can be moved from side to side to create various air pattern configurations. The spacer bars and pattern controllers shall be removable for on-site modification and trimming.

Option SPC - single layer pattern controllers are adjustable from side to side to create various air pattern configurations.

Option DPC - dual layer pattern controllers are adjustable from side to side to create various air pattern configurations. Pattern controllers may also be adjusted to constrict flow, or to allow shut off without any blank off devices.

The Custom Flow linear slot diffuser shall be complete with factory end conditions as shown or indicated.

Custom Flow supply air engineered plenums shall be manufactured of heavy gauge wipe coat steel. These units shall be insulated / non-insulated with a side inlet collar.

When engineered plenum end caps are not positioned directly over the linear spacer bar, install MB Blank-Off from plenum end cap to next spacer bar.

RB return air sight baffles and MB blank-off shall be manufactured of heavy gauge steel painted black.

Performance:

Performance of the selected linear slot diffuser shall be based on catalogued data obtained from tests conducted in accordance with ASHRAE Standard 70-2006. Pattern controllers shall be set in the normal operating position with a compatible Price supply air plenum.

Product Description:

Price AS Series continuous linear slot diffuser straight / curved. Models and sizes as shown.

Price ASP / ASPI supply air engineered plenum. Models and sizes as shown.

Price AST / ASTI Series

T-bar Lay-in supply air linear slot diffuser complete with engineered plenum. Models and sizes as shown.

Price ASTR Series T-bar Lay-in return air linear slot diffuser. Models and sizes as shown.

Price RB return air sight baffle / B17 Black. Models and sizes as shown.

Price MB blank-off / B17 Black. Models and sizes as required.

ASM SERIES

General:

Supply and install Custom Flow 4 sided modular linear slot diffusers. These units shall consist of heavy wall-extruded aluminum frames with inside and outside mitered corners. The 1 in. slot is continuous on all sides with dual pattern controllers that are adjustable. The supply and return units shall be complete with a compatible steel back pan. The center acoustical tile shall be supplied, cut and installed by acoustical tile sub-contractor.

Performance:

Performance of the selected linear slot diffuser shall be based on catalogued data obtained from tests conducted in accordance with ASHRAE Standard 70-2006. Pattern controllers shall be set in the normal operating position with a compatible Price supply air plenum.

Product Description:

Price ASM / ASMI210 4 sided modular supply slot diffuser with steel back pan. 24 in. x 24 in. nominal size. Neck size as shown.

Price ASMR210 4 sided modular return slot diffuser with steel backpan. 24 in. x 24 in. nominal size. Neck size as shown.

Custom Flow Linear

Price ASMS / ASMSI210 4 sided modular supply slot diffuser with steel back pan. 24 in. x 24 in. nominal size. Neck size as shown.

Price ASMSR210 4 sided modular return slot diffuser with steel backpan. 24 in. x 24 in. nominal size. Neck size as shown.

JS SERIES

General:

Supply and return Custom Flow linear slot diffusers shall be furnished and installed. Provide shop drawings accompanied by itemized list indicating units' location and appropriate product submittal drawings provided by the manufacturer. Exact dimensions of walls and ceiling are as per the architectural drawings. Install diffusers so they fit properly in the ceiling system with suspension wire (48 in. o/c MAX.) and/or attachment plates — as required. Coordinate installation with General Contractor and other sub-contractors.

The linear slot diffuser shall utilize heavy wall-extruded aluminum air deflector frames. These frames shall be designed to accommodate notched compressible space bars, spaced approximately 24 in. on center. The steel air pattern controllers are adjustable and can be moved from side to side to create various air pattern configurations. The spacer bars and pattern controllers shall be removable for on-site modification and trimming.

Option SPC - single layer pattern controllers are adjustable from side to side to create various air pattern configurations.

Option DPC - dual layer pattern controllers are adjustable from side to side to create various air pattern configurations. Pattern controllers may also be adjusted to constrict flow, or to allow shut off without any blank off devices.

The Custom Flow linear slot diffuser shall be complete with factory end conditions as shown or indicated.

Custom Flow supply air engineered plenums shall be manufactured of heavy gauge wipe coat steel. These units shall be insulated / non-insulated with a side inlet collar.

When engineered plenum end caps are not positioned directly over the linear spacer bar, install MB blank-off from plenum end cap to next spacer bar.

RB return air sight baffles and MB blank-off shall be manufactured of heavy gauge steel painted black.

Performance:

Performance of the selected linear slot diffuser shall be based on catalogued data obtained from tests conducted in accordance with ASHRAE Standard 70-2006. Pattern controllers shall be set in the normal operating position with a compatible Price supply air plenum.

Product Description:

Price JS Series continuous linear slot diffuser straight / curved. Models and sizes as shown.

Price JSP / JSPI supply air engineered plenum — Models and sizes as shown.

Price JST / JSTI Series T-bar Lay-in supply air linear slot diffuser complete with engineered plenum. Models and sizes as shown.

Price JSTR Series T-bar Lay-in return air linear slot diffuser. Models and sizes as shown.

Price RB return air sight baffle / B17 Black. Models and sizes as shown.

Price MB blank-off / B17 Black. Models and sizes as required.