



SPECIFICATIONS FOR ALL DIFFUSERS MODEL # L4501XXX

Architectural linear diffusers L4501XXX shall be manufactured by INVI, constructed of composite material with 22 gauge steel flanges as mounting hardware.

Invi shall supply individual sections up to 6' in length, with longer diffusers made up of individual sections butted together and joined along the mounting hardware.

The two halves of all models shall be attached by steel support brackets. The ridge of the linear diffuser shall be flush with the ceiling line, which, unless otherwise specified, shall accomodate 5/8" thick gypsum board. The ridge of the diffuser frame shall be textured and primed to receive joint compound for a seamless finish with a gypsum ceiling. Additionally, all visible surfaces of the product shall be primed flat white. Exposed flanges within the assembly's intended plenum box shall be insulated with 1" rubber foam. All materials used within the diffuser assembly shall be either non-flammable or certified to have an ASTM E-84 flame spread index of less than 25 and smoke-developed index of less than 50, and be CARB Phase 2 compliant. Performance data shall be made available by Invi Air.

Ceiling frame shall be spaced to the indicated size below, unless customized mounting hardware is requested. The height of plenum boxes constructed shall be 1" less than intended total height to account for depth of diffuser hardware above the ceiling line.

Standard Invi mounting hardware is intended to accept a plenum box of the dimensions listed below, with a raw face along the bottom edge (no flanges). Insulated lining is recommended for all plenum boxes. Customer can optionally request plenum boxes fabircated by Invi.

Table with 10 columns: MODEL #, DIFFUSER LENGTH (A), PRODUCT LENGTH, # SLOTS, SLOT WIDTH (B), REQ. CEILING FRAME OPENING (B + 6 1/2"), PLENUM, PLENUM WIDTH (B + 5 3/4"), PLENUM LENGTH, PLENUM HEIGHT. Rows include models L4501050, L4501075, L4501100, L4501150, and L4501200.