

RPA Series Ceiling Mount

ARCHITECT SPECIFICATIONS:

The projector mount shall be a Chief Manufacturing Inc. model _____ RPA series projector ceiling mount, or equivalent, to affix a Liquid Crystal Display (LCD) or Digital Light Processing (DLP) projector to the ceiling. The mount shall be installed in the location indicated on the architectural drawing/plans. The mount shall be completely constructed of 11 gauge to 14 gauge steel with black finish and shall be capable of supporting a maximum load of 45 pounds. The mount shall be low profile (universal housing 1.75" high, 6.25" wide and 5.5" deep), shall allow easy access to projector lamps and filters without removal of any brackets, and shall allow maximum cooling for the projector. The mount shall have All-Points™ security with easy access to all adjustment screws and mounting holes and shall not require assembly or disassembly for mounting. The mount shall include a universal top and customized bracket featuring $\pm 4^\circ$ roll adjustment, $\pm 25^\circ$ pitch adjustment and 360° yaw adjustment with quick, easy projector disconnect and reconnect without loss of projector registration. It shall feature 3" lateral adjustment left/right of center, for projectors under 45 pounds through the use of accessories available by the same manufacturer. It shall be finished ceiling, structural ceiling, and suspended ceiling compatible by flush mount, threaded rod (1/4") or extension column (1 1/2" or optional 1") through the use of accessories available by the same manufacturer. It shall include an optional, integrated security feature at all projector, bracket, mount and extension column connection points to deter theft. The optional security shall include a security Allen wrench, tamper-proof screws to attach the bracket to the projector, a 5/16" security setscrew, four 10-24X3/8" security button-head screws, and two 10-24X1/4" undercut flathead screws. Installation and assembly shall be performed in accordance to the instructions provided by the manufacturer.