EBTECH INDUSTRIAL
Modular Building Solutions™

EB-300 Office System Specifications

General:

Modular inplant offices covered by this section shall be a post and panel non-progressive wall system. Panels can be removed and changed without disturbing adjacent wall panels. No framing or trim shall protrude more than .125" from the finished panel surfaces except the base and top tracks, which will not protrude more than .25". Finished walls shall not exceed 3.25" thickness except at the base and top track where the thickness shall not exceed 3.50". All exposed framework shall be extruded aluminum 6063-T5 alloy with a scratch resistant "Polycron III" coating in an architectural grey or tan finish.

Scope:

Modular inplant offices shall be the EB-300 as manufactured by EBTECH Industrial Offices Connellsville, PA. Manufacturer shall have a minimum of 10 years experience designing and manufacturing modular inplant offices. Installation of the offices shall be in accordance with standard details as described by EBTECH.

Wall Panels:

The standard wall panel shall be the "Classic" which consists of 1/8" vinyl covered hardboard laminated to both sides of an expanded polystyrene core. Total panel thickness shall be 3". Panel shall have a thermal rating of R-13 and a Sound Transmission Coefficient rating of STC 28.

The "Premier" wall panel shall be constructed to reduce the transmission of noise and threat of fire. Premier panels shall consist of ½" vinyl covered gypsum board laminated to both sides of an expanded polystyrene core. Total panel thickness shall be 3". Panels shall have a thermal rating of R-11 and a Sound Transmission Coefficient rating of STC 32. All components in the panel shall be non-combustible.

Structural Components:

All structural framework shall be extruded aluminum 6063-T5 alloy with a scratch resistant "Polycron III" coating in an architectural grey or tan finish. Touch up paint shall be supplied by the manufacturer to blend with the color of the framework.

Wiring Studs: Shall permit the installation of electrical service vertically and accept standard electrical boxes. Wiring stud shall have a removable cover plate that will allow access to the raceway without disturbing the structural integrity of the stud. Wire studs shall serve as columns on load bearing roofs and two story units. Each wire stud is capable of supporting a concentrated load of 6500#. Wire studs shall also have a separate cavity for placement of a structural steel tube. With the addition of the steel tube, each wire stud will support 10,000#.

Doors and Frames:

The standard door shall be a 3070 x 1 ¾" 20-gauge steel door. Door shall have an acrylic enamel finish painted to match extrusions. Door will also have a 24" x 36" window glazed with ¼" tempered safety glass. Door hardware shall consist of (1) ½ pair of 4 ½" x 4 ½" steel hinges and a heavy-duty stainless steel ADA lever handle lockset