

99400 SHELDON TRIFACIAL SPECIALIZED WORK CENTER W/ ADD AIR

84" H. X 70" W. at maximum dimension, and basically hexagonal in shape with three (3) equal sized, symmetrically positioned work openings.

BASE PEDESTAL- 10-gauge formed steel (14-3/4" X 14-3/4" X 3/4") radius on edges. Interior reinforcement designed for maximum strength and allows no undue movement of working surface when secured to concrete floor. Two (2) access panels, (minimum 12' X 21") secured to pedestal, removable with use of tools for easy access to service piping.

Support shroud to be molded glass fiber reinforced structural polyester with 1-1/2" radius on all edges. Openings with removable access panels (minimum 15" x 6") located on underside of understructure allows access to plumbing and electrical services.

Superstructure is formed of metal frames and 1/4" laminated safety plate glass, securely fastened to counter top. Each work opening to have a maximum width of 44", and height of 28" to provide a total square foot area of 8 feet. A 19" high hinged panel can be lowered to decrease the total opening to 5.33 square feet, and accelerate the face velocity proportionately. Top shroud of molded glass fiber reinforced polyester with 1-1/2" radius on all edges; center opening and 10" diameter duct connection for updraft exhaust will cover the entire unit.

Interior of superstructure to have 10" diameter exhaust column designed to provide an even flow exhaust from all work areas and opening with provisions for special handling of a concentration of either heavier or lighter-than-air gases. Projecting from the exhaust column, equally in all directions, is the top baffle of 1/4" chemically resistant composition with a perimeter bypass opening at both the work openings and intermediate areas. Three (3) vapor proof lights are to be positioned in the top baffle to best illuminate each work area. Light switch incorporated in support shroud.

Working surface 1" thick Shelresin properly shaped to accommodate center design, and fitted with required accessories.

Provide one (1) 3" X 6" oval cupsink, one (1) vandal resistant cold water and gas combination fixture (80020), three (3) 18" X 3/4" diameter apparatus rods in rod sockets and three (3) duplex electrical outlets positioned at center of work area in face of base shroud. Internal service piping and wiring not included.

Supply Air Dome is mounted to top of unit. Dome to be molded glass fiber reinforced structural polyester with 1-1/2" radius on all edges. Dome will have a supply air grille above each of the three work stations.

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