

Lyon Workspace Products

Basket Rack Specifications

General

Economical clothing storage for gymnasiums, swimming pools, etc. Baskets have 3/4" x 1" wire mesh sides and bottom – perforated sheet steel front and back. Complete basket is electroplated with bright zinc and chromate dip. Number plates extra – one required for each basket and each basket rack opening. Rack legs punched for attachment of casters if portable units are desired.

Overall Dimensions

The overall dimensions for the standard Basket Rack shall be as follows: 40-1/4" wide, 13-1/4" deep, and 68-5/8" high.

Material

Prime, high grade Class I mild annealed, cold-rolled steel free from surface imperfections. A.S.T.M.-366. Galvannealed steel available for high humidity atmospheres. A.S.T.M.-525. Bolts to be zinc plated or subjected to other rust-retardant treatment.

Uprights

To be made from 1 x 1 x 12 ga. (H.R.P.) steel angles. Back of rack to have 1" x 12 ga. (H.R.P.) band cross brace bolted to rear corner angles to provide lateral rack rigidity.

Shelves

Shelves shall be of 22 ga. (C.R.) steel flanged down 2 5/8" at rear to form a backstop and rear guard and 2-5/8" on ends to form side guards. Front flanged down 1-1/8" and punched for attachment of padlock clips and number plates. In addition, the bottom edge of the front flange shall be formed 180 degrees (flat fold) for strength, rigidity, and safety. Shelves bolted to corner angles at all four corners.

Dividers

All shelves to be equipped with 2-1/2" dividers, bolted to under side of shelves between baskets to prevent pilferage. Dividers to be made from 20 ga. (C.R.) steel flanged 90 degrees to facilitate bolting to shelves.

Locking Device

Individual built-in padlock attachment to be provided for each basket opening. This shall consist of a clip bolted in 2 places to the front flange of the shelf. Lock clips shall be of not less than 14 ga. (H.R.P.) steel punched for bolting to front flange of shelf and provided with 7/16" diameter hole to accommodate padlock.

Number Plates

Each basket opening to be provided with an aluminum number plate with figures at least 3/8" high, embossed on, or etched in the plate and finished with black enamel. Number plates to correspond with number on baskets.

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Arrangements

Each rack section to contain 3 or 4 baskets as specified in width and 7 in height, allowing for a 3" sanitary base. Each basket opening shall be built of a size to take 4 baskets, approximately 9" wide x 13" deep x 8" high, or 3 baskets, approximately 12" wide x 13" deep x 8" high. Each rack section shall be a complete unit in itself.

Baskets

Shall be approximately 9" (or 12") wide x 13" deep x 8" high with #14 gauge wire sides and bottom. All joints electrically spot welded. Top of basket reinforced with #6 gauge wire, but welded into continuous loop, and with padlock loop formed in wire reinforcement as integral part. Front and back of basket to have not less than #26 gauge sheet steel perforated with 5/16" diameter recessed holes, minimum 41 in front and 47 in back of baskets. Flanges of front and back spot welded to all wires at each point of contact. Mesh of wire to be 3/4" x 1" in rectangular construction.

Pilfer guard baskets to be same specifications except top front of basket to have steel protective cover extending approximately 3" from front toward rear of basket.

Finish electroplated bright zinc and chromate. Baskets to be provided with number plates.

Standard Finish

Exposed steel parts shall be thoroughly cleaned, given a bonding and rust inhibitive phosphate treatment and then electrostatically sprayed with a heavy coat of high quality enamel.

Optional Casters

Castors shall be full double ball bearing swivel type with two wheels and 7/16" stem. Wheels shall be 2" diameter x 13/16" min. width, and castors shall be equal in all respects to the Bassick Company #9009X2RP or Faultless #EW759-2. The finish shall be Zinc Plated. Wheel material to be hard rubber (Bassick: Atlasite, Faultless: Rockite). Castors shall be attached with special formed zinc plated steel mounting brackets to upright angles (Bassick: #30RP, Faultless: #48 – 39554).

NOTE: *Lyon recommends application of a corrosion resistant finish, clear coat, and galvanized steel on units used in high humidity atmospheres. Contact Lyon for finish compatibility with any chemicals.*

NOTE: *There are certain special sizes and/or types of units that are available in minimum quantity production runs only. Contact your Lyon factory representative for complete details.*