# Pinnacle Heavy Duty Athletic Locker Specifications

**Pinnacle Athletic lockers** are designed for heavy duty use in the storage of athletic gear, or wherever a high degree of ventilation is required. The doors and sides are perforated with a diamond-shaped pattern for the free flow of air. For extra durability, the doors are made from 14 gage steel, and the sides, tops, bottoms and shelves are 16 gauge steel. Backs are 18 gauge. Stainless steel recessed handles are standard on 1, 2 and 3 tier models. Heavy duty lockers are available in both welded and knocked down configuration.

**PINNACLE HEAVY DUTY VENTILATED LOCKER SPECIFICATIONS**

**MATERIALS**

**SHEET STEEL:** All parts made from prime grade mild cold rolled sheet steel free from surface imperfection, and capable of taking a high grade enamel finish.

**HINGES:** .074" thick, 2" high, double spun, full loop, tight pin, five-knuckle hinges, projection welded to door frame and securely fastened to the door with 2 steel rivets. Doors over 42" high shall have three hinges, all other doors shall have two hinges except the 24" wide x 60"or 72" doors which shall have four hinges.

**FINISHING:** Chemically pre- treat metal with a six stage cleaning phosphate and metal preparation process. Finish coat shall be baked on powder coated enamel. Select colors from manufacturer's minimum standard 31 colors. **All lockers shall be painted inside and outside with the same color.**

**EQUIPMENT:** Coat hooks and coat rods are zinc plated. Truss fin head bolts and hex nuts are zinc plated.

**FABRICATION GENERAL CONSTRUCTION:** Built on the unit principle - each locker shall have an individual door and frame, individual top, bottom, back and shelves with common intermediate uprights separating compartments. Lockers shall be fabricated square, rigid and without warp. Doors shall be flat and free of distortion.

**DOOR FRAME:** All door frame members to be not less than 16 gage formed to a channel shape. Vertical members to have an additional flange to provide a continuous door strike. Door frame parts to be assembled via mortise and tenon and electrically welded together in a rigid assembly capable of resisting strains. Cross frame members of 16 gage channel shapes including intermediate cross frame on double and triple tier lockers shall be securely welded to vertical framing members to ensure rigidity.~ Single point latch is available with spring catch to retain unlocked doors in closed position and an 11gage lug with hole and catch for keyed, built-in, combination or pad lock.

**BODY:** All locker body components shall be made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points. Tops & bottoms shall have three sides formed 90 degrees and the front offset formed to be flush with the horizontal frame member. Shelves shall have

sides formed to 90 degrees, the front edge shall have a second bend. Backs shall be 18 gage; all other body parts shall be 16 gage.

**DOORS:** Doors 20" or higher shall be formed from one piece 14 gage cold rolled sheet steel. Formations shall consist of a full channel shape on the lock side of adequate depth to fully conceal the lock bar, channel formation on the hinge side, and right angle formations across the top and bottom. Doors over 15" wide and over 30" high shall have a 3" wide 20 gauge full height reinforcing pan welded to the inside face of the door on 6" centers. Doors for box lockers 4, 5, 6, 8 & 9 tiers high shall be 14 gage steel and have channel formations on lock side and hinge side and have right angle flanges on the top and bottom.

**DOOR HANDLE & LATCHING 1, 2 & 3 TIER:** Handles shall be recessed in the door and be finger lift control. The 20 gage drawn pocket shall be brushed stainless steel securely fastened to the door with two tabs plus a positive tamper resistant decorative fastener. The pocket shall be of sufficient depth to prevent a combination padlock, built-in combination lock or key lock from protruding beyond the face of the door. A lock hole cover plate shall be provided for use with padlocks. The lifting piece shall be 14 gage formed steel, attached to the latching channel with one concealed retaining lug and one rivet assuring a positive two point connection. Handle finger lift shall have a padlock eye for use with a 9/32" diameter padlock shackle. It shall have a sound deadening molded comfortable finger lift attached. Doors to have latch clip engaging the door frame at three points on 60" & 72" high and two points on 20" through 36" high doors. Locking device to be positive, automatic type, whereby locker door may be locked when open, then closed without unlocking. One rubber silencer shall be firmly secured in the frame at each heavy gauge latch hook. Latch clips shall be glass filled nylon for long life and low friction and shall hold doors shut by engaging the latch hooks. Latch hooks on diamond-perforated lockers shall have tamper guards. The latch channel assembly shall be quieted by the use of unique nylon glides.
~ Note; Single point latching available with no latch channel or moving parts in the door.

**DOOR HANDLE & LATCHING 4 TO 9 TIER BOX LOCKERS:** Doors shall be punched for use with padlocks or built-in locks. Doors for use with padlocks shall be equipped with an 16 gage combination door pull, staple and lock hole cover plate with integral friction catch.

**VENTILATION:** All locker sides and doors 20" or higher shall be perforated with diamond-shaped openings 3/4" wide x 1-1/2" high in a quantity and pattern to insure maximum ventilation and maintain structural strength. All other doors shall have small diamond-shaped perforations 7/16" wide x 15/16" high. ~ Note; Solid doors and panels may be substituted for perforations.

**NUMBER PLATES:** Each locker door to be supplied with an aluminum number plate, with reverse printed numerals not less than 3/8" high. Number plates shall be attached to the face of the door with two aluminum rivets.

**INTERIOR EQUIPMENT:** Locker openings 60" or higher shall have a hat shelf located approximately 9" below the top of locker. Locker openings 30" or higher, 12" or 15" wide and less than 18" deep shall have three single-prong hooks and one double-prong ceiling hook. Lockers 18" or more in depth shall have a coat rod instead of a ceiling hook. 20" & 24" lockers shall have three wall hooks only. Hooks to be steel, ball tip zinc plated, attached with two bolts per hook.

**LOCKER ACCESSORIES:** Lockers shall be furnished with the accessories selected from the Accessory Specifications.

**OPTIONS**

**BODY:** ~ Lockers shall be welded into one piece units in groupings to be practical for required layout. ~ KD lockers will be assembled using rivets unless otherwise required/stated.

**DOORS:** Box locker doors 4 to 9 tier, as an alternative option each door shall be furnished with a stainless steel padlock strike.

**DOOR HANDLE & LATCHING 4 TO 9 TIER BOX LOCKERS:** As an alternate option, each door shall be provided with a finger operated 11 gage slam latch with an electro-galvanized trigger, and a spring contained in a 14 gage case welded to the door. The spring latch engages a 13 gage hasp welded to the frame. Rubber bumpers shall be securely installed in the frame.

**DOOR VENTILATION:** Delete diamond perforations in the doors and substitute with standard louvers, or mini louvers may be substituted and shall be 5/8" wide x 1/4" high. Louvers shall be placed in doors in manufacturer's standard pattern.

**A. D. A. COMPLIANT LOCKERS:** Handicap lockers shall have recessed handles and shall be single tier or the lower opening of a double tier locker. Locker bottom shall be a minimum of 9" off the floor, or an extra shelf placed 9" off the floor. Single tier lockers shall have a shelf 48" off the floor. Doors assigned for handicapped use shall have an appropriate symbol sign.

**EXECUTION INSTALLATION:** Install metal lockers at location shown in accordance with manufacturer instructions for plumb, level, and flush installation.

**ANCHOR LOCKERS** to the floor and wall 48" on center or less as recommended by the manufacturer.

I**NSTALL SLOPING HOODS AND METAL FILLERS** using concealed fasteners. Provide flush hairline joints against adjacent surfaces.

**INSTALL BENCHES** by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.

**ADJUST & CLEAN:** Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.

**TOUCH UP** marred finishes with factory supplied paint.