

Division 1 – General

1.01 Section Includes:

- A. Steel Unassembled (Knock Down) Lockers

1.02 References

- A. Americans with Disabilities Act – Accessibility Guidelines

1.03 Shop Drawings, Material Data, Samples, and Product Data (Submittals)

- A. Submit under provisions of Section 01 33 00.
- B. Manufacturer data sheets used on products:
 - 1. Construction and Reference Instructions
 - 2. Requirements and Recommendations for Storage and Handling
 - 3. Install Procedures
- C. Submittals – Include the Following:
 - 1. Dimensional Drawings: Plans, sections, and elevations to illustrate locker placement and interfaces with neighboring materials.
 - 2. Specifics of Assembly Requirements
- D. Collection Examples: For each individual finish product, two comprehensive sets of color chips which represent the manufacturer's full range of existing colors and finishes.

1.04 Storage, Distribution, and Handling

- A. Store products in unopened manufacturer's packaging until prepared to install.
- B. Shield locker and adjacent surfaces from damage.

Division 2 – Products

2.01 Manufacturers

- A. Acceptable Manufacturer: Jorgenson Lockers, which is located at 1239 S. 700 W., Salt Lake City, UT 84104; Tel: 800-952-0151; Fax: 801-493-0158; Email: quotes@jorgensonlockers.com; Web: www.jorgensonlockers.com
- B. Substitutions: Not Permitted.
- C. Appeals for substitutions will be considered in accordance with requirements of Section 01 25 00.

2.02 Materials

- A. Steel: Prime grade mild cold-rolled sheet steel, free from surface flaws. Must be compliant with ASTM A1008 and capable of taking a powder-coated enamel finish.
- B. Steel: Sheet steel components are fabricated using zinc-coated steel, required to be free from external imperfection, capable of taking a powder-coated enamel finish. Must be compliant with ASTM A879.
- C. Hooks: Forged, Zinc-plated steel with ball ends.
- D. Nuts and Bolts: Truss fin head bolts and hex nuts, zinc-plated.

2.03 Standard Gladiator Lockers

- A. Standard Duty Lockers:
 - 1. Acceptable Product: Jorgenson Gladiator, knock-down lockers.
 - 2. 16-gauge sheet steel tops, bottoms, sides, and shelves.
 - 3. 18-gauge steel backs.
 - 4. 14-gauge front frame.
- B. Locker Body: Steel exclusively formed for additional strength and structure. This ensures tight joints at fastening points.
 - 1. Tops and bottoms with three sides bent at 90 degrees, the front formed with an offset to tuck under the horizontal member of the frame.
 - 2. Four-sided shelves bent to 90 degrees, front edge includes a second bend.
 - 3. Hole spacing in the construction of locker body: Not to surpass 9 inches.
 - 4. Front Frame members must be formed to a channel shape from no less than 16-gauge steel.
 - 5. Interlocking mortise and tenon parts; electrically welded in a rigid frame that is capable of repelling strains.
 - 6. Securely welded cross frame members of channel shapes to vertical frame members to ensure stability.
 - 7. Optional factory assembly of locker with steel rivets.

2.05 Interior Equipment

- A. Hooks are made of zinc-plated forged steel with ball ends.
- B. 1 coat rod and 2 wall hooks come standard.
- C. Four-sided shelves bent to 90 degrees, front edge includes a second bend.
- D. Optional add-on interior equipment:
 - 1. Lockable Security Box
 - A. Located between the top shelf and top of locker
 - B. Door features a recessed cup handle and 2 five-knuckle hinges. Hinges are 2 inches tall and .074 inches thick
 - 2. Lockable Footlocker
 - A. 14-gauge steel
 - B. Ventilated front.
 - C. Hinged seat/hatch with continuous hinge
 - D. Padlock loop
 - 3. Ball Storage Retainer
 - A. Top bar: 14-gauge
 - B. Elastic cord

2.06 Accessories

- A. Number Plates: Provide each locker with a polished aluminum number plate, 2 ¼" inch wide by 1" inch high. Includes black numerals not less than 3/8" inch high; attached to using two rivets.
- B. Locks: Built-in flat key locks with master-key to same series.
- C. Locks: Built-in grooved key locks (pin tumbler) with master-key to same series.

- D. Locks: Built-in three-number dial combination locks. Each lock has five distinct, changeable combinations. Provide master key, combination change key, and combination control charts.
- E. Padlocks: Master-keyed three-number dialing combination type padlocks; provide master key. Mechanism must be resistant to “shimming”
- F. Coin-Operated Locks:
 - 1. Deposit and Coin Return Type
 - A. Token
 - B. One Quarter
 - C. Two Quarters
 - 2. Coin Collect/Pay Type with Cash Box
 - A. Token
 - B. One Quarter
 - C. Two Quarters
- G. Front Fillers: 20-gauge steel molded to an angle shape. Includes 20-gauge slip joint angles formed at an angle shape with double bend on one leg forming a pocket to provide adjustable mating with angle filler.
 - 1. Attached with concealed fasteners.
 - 2. Finish must match lockers.
- H. Zee Bases for Knock-Down Lockers: 14-gauge steel. Flanged outward at top to support lockers, flanged inward at bottom for securing to floor. Available in 4 or 6 inch heights.
- I. Recess Trim: 18-gauge steel, 3 inch face dimension.
 - 1. Vertical and/or horizontal as required.
 - 2. Standard lengths as long as practical.
 - 3. Attaches to lockers with hidden clips.
 - 4. Provide needed finish caps and splices.
 - 5. Finish must match lockers.

2.07 Fabrication

- A. Construct lockers to be free from distortion. The units must be square, rigid, devoid of warp, and with flat metal faces.
- B. Confirm measurements and arrangement before construction.
- C. Finish: Enamel powder coat paint finish electrostatically applied and properly cured to manufacturer’s specifications. No finishes containing volatile organic compounds and subject to out-gassing will be accepted. The color of the interior and exterior of the locker must match.
 - 1. Powder Coat-Dry Thickness: 1 to 1.2 mils.
 - 2. Powder Coat Plus-Dry Thickness: 2 to 2.2 mils.
 - a. Color: As selected from manufacturer’s standard colors.
 - 3. Special Finishes
 - A. Anti-Microbial
 - B. Anti-Graffiti
 - C. TGIC
 - D. Resistant to Weather

- E. Custom Colors.

Division 3 – Execution

3.01 Examination

- A. Do not begin set-up until substrates and bases have been correctly prepared.
- B. If substrate and bases are the responsibility of a third party, notify architect of unsatisfactory preparation before proceeding.

3.02 Installation

- A. Install metal lockers and accessories at locations shown, per agreement with manufacturer's instructions.
- B. Lockers must be installed plumb, level, and square.
- C. Anchor lockers to the floor and wall at 48 inches (1.219 m) or less, follow the manufacturer recommendation.
- D. Bolt adjoining units together to provide rigid installation.
- E. Install metal fillers using concealed fasteners. Provide even and flat hairline joints against neighboring surfaces.

3.03 Cleaning and Adjusting

- A. Adjust doors and latches to function without binding. Confirm that latches are functioning acceptably.
- B. Adjust built-in locks to avoid binding of dial or key. This will keep operation smooth prior to substantial completion.
- C. Fix flaws with factory-supplied paint and mend/replace damaged products before substantial completion.

3.04 Protection

- A. Shield installed products until completion of task.