

## “HI ROOF” SPECIFICATION SHEET

### I. GENERAL

- a. Service body Hi Roof option is designed to fit 40" high service bodies. They can be factory installed or attached in the field. (Note: Hi Roof for field installation will be delivered in sectionalized assemblies.)

### II. OVERALL LENGTH

- a. 96", 108" and 132"

### III. OVERALL WIDTH

- a. Offset HiRoofs – HiRoof is 5" narrower than base service body on each side
  - i. 68½" (48 ½" wide floor; 10" side compartments.)
  - ii. 78 ½" (48 ½" wide floor; 15" side compartments.)
  - iii. 84 ½" (54 ½" wide floor; 15" side compartments.)
- b. Full width HiRoofs – HiRoof sides extend to full width of base service body
  - i. 78 ½" (48 ½" wide floor; 15" side compartments)
  - ii. 84 ½" (54 ½" wide floor; 15" side compartments)
  - iii. 88 ½" (48 ½" wide floor; 20" side compartments.)
  - iv. 94 ½" (54 ½" wide floor; 20" side compartments.)

### IV. INSIDE HEIGHT

- a. 54", 60", 72"

### V. OVERALL HEIGHT (including base service body)

- a. 54" High model – 72 ¼ "
- b. 60" High model – 78 ¼ "
- c. 72" High model – 90 ¼ "

### VI. ROOF

- a. One piece top section - 18 ga. A40 galvanized steel. Roof is slanted and formed to wrap over side panel top rails to shed water.
- b. Inside roof bows - 14 ga. galvanized steel.

### VII. REAR HEADER

- a. 12 ga. A40 galvanized steel. Holders for rear door stays incorporated.

### VIII. BULKHEAD

- a. Formed 14 ga. A40 galvanized steel.
- b. Bulkhead stiffener is 14 ga. A40 galvanized steel. (2) stiffeners used on 72" high model, (1) used on 54" & 60".

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- c. Window is 14" high x 30" wide x 3/16" tempered glass installed with continuous rubber gasket. Located to match truck rear window.

### IX. SIDE PANELS

- a. Top corner of side panels are slanted to shed water. Side panels accommodate optional skylight windows.

### X. END PANELS

- a. Formed to match side panels - 14 ga. A40 galvanized steel.

### XI. SHELVING

- a. Formed 2" front retaining lip with additional 3/4" return for added strength. 14 ga. A40 galvanized steel.
- b. 72" high model - Two shelves per side in addition to base service body compartment tops.
- c. 54" & 60" high models - One shelf per side in addition to base service body compartment tops.
- d. Bottom shelf channels welded to inner edge of compartment tops to create lower shelves. 14 ga. A40 galvanized steel with formed 2" lip with additional 3/4" return to match shelves.

### XII. REAR DOORS

- a. Dual rear doors with 9" wide x 34" high x 3/16" safety glass installed with continuous rubber seal.
- b. Double panel construction of 20 ga. A40 galvanized steel with an interior steel "C" channel stiffener bonded to panels with structural adhesive to eliminate welds.
- c. Latching
  1. Right Door (Overlapping Door). All stainless steel two-point paddle latch on outside of door with release cables on inside of door attached to rotary latches at top and bottom of door. Tamper proof lock. Weatherproof stainless steel housing riveted to door for ease of replacement.
  2. Left Door. Interior mounted zinc plated latch, control handle in center, with dual lock rods to secure door at top and bottom of body. Rotary latch striker pins are located on the inside of the door at the outer edge to secure the right door at top and bottom.
- d. Hinge - full length all stainless steel hinge with concealed hinge leaves and 1/4" stainless steel rod. Bolted to door frame for security and ease of replacement.
- e. Door seal - full perimeter automotive neoprene bulb seal with 3M adhesive backing. Seal has positive continuous contact with door.

**XIII. PAINT**

- a. Entire body underside and door interiors covered with automotive type undercoating meeting OSHA and NFDA specifications.
  
- b. Pre-Paint Preparation and Primer – Electrocoat Process.
  - \*All product goes through a multi-stage immersion cleaning and rinsing process to thoroughly clean all surfaces.
  
  - \*The product is then immersed in a chemical bath to prep the steel for optimum zinc phosphate adhesion prior to immersion in the zinc phosphate tank.
  
  - \*The zinc phosphate stage then puts a base zinc crystalline structure on the steel for superior paint adhesion.
  
  - \*A subsequent sealer rinse tank seals the pretreated surface to optimize corrosion resistance.
  
  - \*Two reverse osmosis rinse tanks insure the product is free from mineral deposits prior to painting.
  
  - \*The product is then immersed in an epoxy electro-deposition tank where gray epoxy prime paint is charged onto the product.
  
  - \*After two final permeate rinse tanks remove any excess epoxy material and insure a consistent surface finish, the product is oven cured at 350 degrees for 40 minutes to fully crosslink and cure the electrocoat primer providing an extremely durable and rust resistant finish.