



SECTION 10185

SHOWER AND BATH ENCLOSURES

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Bathtub wall enclosures.
- B. Shower wall enclosures.
- C. Assisted living shower enclosures.
- D. Bathroom window kits.
- E. Shower pans.
- F. Accessories.

1.2 RELATED SECTIONS

- A. Section 07920 - Joint Sealants: Caulking and sealing.
- B. Section 09260 - Gypsum Board Assemblies.
- C. Section 09300 - Tile.
- D. Section 15410 – Plumbing Fixtures: Plumbing fixtures, valves and fittings not furnished with units.

1.3 REFERENCES

- A. ASTM F 446 – Standard Consumer Safety Specification for Grab Bars and Accessories Installed in the Bathing Unit.
- B. ATBCB ADAAG – American with Disabilities Act Accessibility Guidelines.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

- C. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- D. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
- E. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A manufacturer with a minimum of 15 years experience manufacturing bath and shower components.
- B. Installer Qualifications: An installer who has demonstrated experience installing bath and shower components and as recommended by the manufacturer.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.8 WARRANTY

- A. Provide manufacturer's standard 5-year limited warranty.

PART 2 PRODUCTS

2.1 GENERAL

- A. Final height and width dimensions of the delivered products shall be within reasonable tolerances of the specified height and width dimensions.

2.2 MANUFACTURERS

- A. Acceptable Manufacturer: American Bath Enterprises, Inc.; 26247 Research Place, Hayward, CA 94545. ASD. Tel: (888) 228-4925. Fax: (510) 785-6300.
- B. Email: info@americanbathind.com. Web: www.americanbathind.com.
- C. Substitutions: Not permitted.
- D. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.3 ENCLOSURE MATERIALS

- A. Enclosures: Formed of two sheets of permanently bonded, thermally formed acrylic and styrene sheets in reflective high gloss white color, with a 4 inch (102 mm) tile appearance, with simulated grout lines.

1. Reinforcement for Grab Bars and Wall Mounted Accessories: Factory-installed minimum 3 inches by 3 inches (75 by 75 mm) steel mounting plates anchored to 3/4 inch (19 mm) thick plywood installed behind sheetrock or code approved wallboard in a manner required to meet load resistance requirements of ASTM F 446.
2. Self-caulking compression fit integral drain with boot.

2.4 BATHTUB WALL ENCLOSURES

- A. TA Series: Three-wall bath kit consisting of two sheets of permanently bonded thermally formed acrylic and styrene sheets with interlocking and overlapping channels and trimmable back wall.
1. Model No. 6030TA 60 inches (1524 mm) back, 28.25 inches (718 mm) side,
 - a. 57.25 inches (1454 mm) high.
 2. Model No. 6030TA 60 inches (1524 mm) back, 30 inches (762 mm) side,
 - a. 61.5 inches (1562 mm) high.
 - b. 71.25 inches (1810 mm) high.
 - c. 83 inches (2108 mm) high.
 3. Model No. 6032TA 60 inches (1524 mm) back, 32 inches (813 mm) side,
 - a. 61.5 inches (1562 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.
 - c. 83 inches (2108 mm) high with side panel leg kit.
 4. Model No. 6034TA 60 inches (1524 mm) back, 33.75 inches (857 mm) side,
 - a. 43 inches (1092 mm) high with side panel leg kits.
 - b. 61.5 inches (1562 mm) high with side panel leg kit.
 - c. 71.25 inches (1810 mm) high with side panel leg kit.
 - d. 83 inches (2108 mm) high with side panel leg kit.
 5. Model No. 6036TA 60 inches (1524 mm) back, 36 inches (914 mm) side,
 - a. 61.5 inches (1562 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.
 - c. 83 inches (2108 mm) high with side panel leg kit.
 6. Model No. 6042TA 60 inches (1524 mm) back, 41.25 inches (1048 mm) side,
 - a. 57.5 inches (1461 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.
 - c. 83 inches (2108 mm) high with side panel leg kit.
 7. Model No. 7230TA 72 inches (1829 mm) back, 29.25 inches (743 mm) side,
 - a. 57.25 inches (1454 mm) high.
 - b. 71.25 inches (1810 mm) high.
 8. Model No. 7232TA 72 inches (1829 mm) back, 32 inches (813 mm) side,
 - a. 57.25 inches (1454 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.
 8. Model No. 7234TA 72 inches (1829 mm) back, 33.75 inches (857 mm) side,
 - a. 57.25 inches (1454 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.
 9. Model No. 7236TA 72 inches (1829 mm) back, 36 inches (914 mm) side,
 - a. 57.25 inches (1454 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.
 10. Model No. 7242TA 72 inches (1829 mm) back, 41.25 inches (1048 mm) side,
 - a. 57.25 inches (1454 mm) high with side panel leg kit.
 - b. 71.25 inches (1810 mm) high with side panel leg kit.

2.5 SHOWER WALL ENCLOSURES

- A. SA Series: Three-wall shower kit consisting of two sheets of permanently bonded thermally formed acrylic and styrene sheets with interlocking and overlapping channels and trimmable back wall.
1. Model No. 5034SA 50.5 inches (1283 mm) back, 34 inches (864 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 2. Model No. 5036SA 50.5 inches (1283 mm) back, 35.25 inches (895 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 3. Model No. 5040SA 50.5 inches (1283 mm) back, 40 inches (1016 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 4. Model No. 6030SA 60 inches (1524 mm) back, 30 inches (762 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 5. Model No. 6032SA 60 inches (1524 mm) back, 32 inches (813 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 6. Model No. 6034SA 60 inches (1524 mm) back, 33.75 inches (857 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 7. Model No. 6036SA 60 inches (1524 mm) back, 35.25 inches (895 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 8. Model No. 6040SA 60 inches (1524 mm) back, 40 inches (1016 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
- B. SA Series: Two wall shower kit consisting of two sheets of permanently bonded thermally formed acrylic and styrene sheets with interlocking and overlapping channels designed to fit standard corner shower pans.
1. Model No. 3000SA 30 inches (762 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 2. Model No. 3200SA 32 inches (813 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 3. Model No. 3400SA 33.75 inches (857 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 4. Model No. 3600SA 35.25 inches (895 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 5. Model No. 3700SA 37 inches (940 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.
 6. Model No. 3800SA 38 inches (965 mm) side,
 - c. 71.25 inches (1810 mm) high.
 - d. 83 inches (2108 mm) high.
 4. Model No. 4000SA 40 inches (1016 mm) side,
 - a. 71.25 inches (1810 mm) high.
 - b. 83 inches (2108 mm) high.

2.6 ASSISTED LIVING SHOWER ENCLOSURES

A. Bathing shower system accessories:

1. Ramp: A molded removable incline ramp that clips onto shower pan 12 inches (305 mm) deep by 60 inches (1524 mm) wide.
2. Threshold: A removable rubber threshold that folds down when the wheel chair goes in and folds up to stop water from escaping.
3. Valve: A single-handle, pressure balanced, anti-scald valve for water control.
4. Shower Head: A removable handheld shower head, hose, and chrome plated slide bar.
5. Grab Bars: One 24 inches (610 mm) and one 36 inches (914 mm) or one 48" inches (1219 mm). Satin stainless steel.
6. Safety Seat: One compact folding shower seat with padded Naugahyde seat top.

B. Bathing shower system components.

1. No. AB-3837BF, includes 38 inches (965 mm) by 37 inches (940 mm) center drain wheel chair transfer shower pan. A three-wall enclosure 42 inches (1067 mm) wide by 36.75 inches (933 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
2. No. AB-3838BF, includes 38.625 inches (981 mm) by 38.4375 inches (976 mm) center drain wheel chair transfer shower pan. A three-wall enclosure 42 inches (1067 mm) wide by 36.75 inches (933 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
3. No. AB-4836BF, includes 48 inches (1219 mm) by 37 inches (940 mm) center drain wheel chair transfer shower pan. A three-wall enclosure 50 inches (1270 mm) wide by 36 inches (933 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
4. No. AB-5050BF, includes 50.25 inches (1276 mm) by 50.125 inches (1273 mm) center drain wheel chair transfer shower pan. A three-wall enclosure 60 inches (1524 mm) wide by 50 inches (1270 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
5. No. AB-6030BF, includes 60 inches (1524 mm) by 30 inches (762 mm) end drain wheel chair access shower pan, with a 12 inches (305 mm) deep by 60 inches (1524 mm) wide ramp. A three-wall enclosure 60 inches (1524 mm) wide by 30 inches (762 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (Ramp and threshold required.)
6. AB6030NWC, includes 60 inches (1524 mm) by 30 inches (762 mm) end drain retro-fit non wheel chair access shower pan. A three-wall enclosure 60 inches (1524 mm) wide by 30 inches (762 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp or threshold required.)
7. No. AB-6031BF, includes 60 inches (1524 mm) by 31 inches (787 mm) center drain wheel chair access shower pan. A three-wall enclosure 60 inches (1524 mm) wide by 29 inches (737 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
8. No. AB6032NWC, includes 60 inches (1524 mm) by 32 inches (813 mm) center or end drain retro-fit non wheel chair access shower pan. A three-wall enclosure 60 inches (1524 mm) wide by 32 inches (813 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp or threshold required.)
9. No. AB-6033BF, includes 60 inches (1524 mm) by 33.375 inches (848 mm) center, left or right drain wheel chair access shower pan. A three-wall enclosure 60 inches (1524 mm) wide by 32 inches (813 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)

10. No. AB-6036BF, includes 60 inches (1524 mm) by 37 inches (940 mm) center drain or 60 inches (1524 mm) by 36.875 inches (937 mm) left or right drain wheel chair access shower pan. A three-wall enclosure 60 inches (1524 mm) wide by 35 inches (889 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
11. No. AB-6232BF, includes 62.375 inches (1584 mm) by 32 inches (813 mm) center drain wheel chair access shower pan. A three-wall enclosure 64 inches (1626 mm) wide by 31 inches (787 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)
12. No. AB-6238BF, includes 62.375 inches (1584 mm) by 38.25 inches (972 mm) center drain wheel chair access shower pan. A three-wall enclosure 65 inches (1651 mm) wide by 37 inches (940 mm) deep by 71.25 inches (1810 mm) high and all accessories listed. (No ramp required.)

2.7 BATHROOM WINDOW KITS

- A. Window kits have a sill piece and two side pieces and are designed to be installed over a window frame that is flush to the sheetrock. Sills should correspond with the inside width of the window frame. Side pieces are manufactured in one 48-inch (1219 mm) piece, which is then cut to match the height required for the side of the window. Sill and side pieces are designed to be glued to a window frame that has been stripped, is relatively smooth and has a minimum inset depth of 2 inches (51 mm). Sill and side pieces have a rounded bull nose that extends over the surface of the edge of the window sill, window sides and the enclosure wall.
- B. Sill model:
 1. Model 1600 WK for 16 inches (406 mm) inside width of window frame.
 2. Model 2400 WK for 24 inches (600 mm) inside width of window frame.
 3. Model 3000 WK for 30 inches (762 mm) inside width of window frame.
 4. Model 3200 WK for 32 inches (813 mm) inside width of window frame.
 5. Model 3400 WK for 34 inches (864 mm) inside width of window frame.
 6. Model 3600 WK for 36 inches (914 mm) inside width of window frame.
 7. Model 3800 WK for 38 inches (965 mm) inside width of window frame.
 8. Model 4000 WK for 40 inches (1016 mm) inside width of window frame.
 9. Model 4200 WK for 42 inches (1067 mm) inside width of window frame.
 10. Model 4800 WK for 48 inches (1219 mm) inside width of window frame.
- C. Side panels: Side panels are manufactured in one 48-inch (1219 mm) piece, which is then cut to match the height required for the window.
- D. Finish: Window kits have the same simulated tile pattern as the enclosure.

2.8 CORNER SHELVES

- A. Corner shelves are designed to be installed between two walls. The corner shelves are backed with double-sided adhesive tape.
 1. Model CS-1410 14 inches (356 mm) wide by 10 inches (254 mm) deep by 1 inch (25 mm) high. Round curved front.
 2. Model CS-1610 10 inches (406 mm) wide by 4.5 inches (114 mm) deep by 16 inches (25 mm) high with two shelves. Round curved front.

SHOWER PANS

- A. Features:
1. One piece molded solid construction, composite casted or gel-coated fiberglass.
 2. Single threshold, with flange on enclosure wall sides.
 3. Slip resistant floor design.
 4. Integral molded 2 inch (51 mm) drain.
 5. Stain and fungus resistant.
 6. Shoulder width 1.25 inches (32 mm).
 7. Threshold width 3 inches (76 mm).
 8. Threshold height 4.75 inches to 5.375 inches (121 to 137 mm).
 9. Flange height 1 inch (25.4 mm).
 10. White composite material to closely match color of enclosure panels.
 11. 36 inch by 34 inch (914 mm by 864 mm) shower pan provided with a separate ABS, no caulk, fiberglass shower base drain.
- B. Center drain shower pans for three-wall shower enclosures.
1. Size: 32 inches (813 mm) wide by 32 inches (813 mm) deep.
 2. Size: 34 inches (863 mm) wide by 34 inches (863 mm) deep.
 3. Size: 35.5 inches (902 mm) wide by 33-1/2 inches (851 mm) deep.
 4. Size: 36 inches (914 mm) wide by 36 inches (914 mm) deep.
 5. Size: 36 inches (914 mm) wide by 42 inches (1067 mm) deep.
 6. Size: 38 inches (965 mm) wide by 37 inches (940 mm) deep. Barrier-free, wheel chair transferable.
 7. Size: 38.625 inches (981 mm) wide by 38.4373 inches (976 mm) deep. Barrier-free, wheel chair transferable. Fiberglass.
 8. Size: 42 inches (1067 mm) wide by 34 inches (863 mm) deep.
 9. Size: 42 inches (1067 mm) wide by 42 inches (1067 mm) deep.
 10. Size: 48 inches (1219 mm) wide by 32 inches (813 mm) deep.
 11. Size: 48 inches (1219 mm) wide by 34 inches (863 mm) deep.
 12. Size: 48 inches (1219 mm) wide by 37 inches (940 mm) deep. Barrier-free, wheel chair transferable. Fiberglass.
 13. Size: 50.25 inches (1276 mm) wide by 50.125 inches (1273 mm) deep. Barrier-free, wheel chair access. Fiberglass.
 14. Size: 54 inches (1372 mm) wide by 34 inches (863 mm) deep.
 15. Size: 60 inches (1524 mm) wide by 32 inches (813 mm) deep.
 16. Size: 60 inches (1524 mm) wide by 34 inches (863 mm) deep.
 17. Size: 62.375 inches (1584 mm) wide by 32 inches (813 mm) deep. Barrier-free, wheel chair access. Fiberglass.
 18. Size: 62.375 inches (1584 mm) wide by 38.25 inches (972 mm) deep. Barrier-free, wheel chair access. Fiberglass.
 19. Size: 36 inches (914 mm) by 36 inches (914 mm) Neo-angle.
 20. Size: 37.5 inches (963 mm) by 37.5 inches (963 mm) Neo-angle.
 21. Size: 38 inches (965 mm) by 38 inches (965 mm) Neo-angle.
 22. Size: 42 inches (1067 mm) by 42 inches (1067 mm) Neo-angle.
- C. Center drain shower pans for two-wall shower enclosures.
1. Size: 32 inches (813 mm) wide by 32 inches (813 mm) deep.
 2. Size: 34 inches (863 mm) wide by 34 inches (863 mm) deep.
 3. Size: 36 inches (914 mm) wide by 36 inches (914 mm) deep.
 4. Size: 36 inches (914 mm) wide by 42 inches (1067 mm) deep.
 5. Size: 42 inches (1067 mm) wide by 34 inches (863 mm) deep.
 6. Size: 42 inches (1067 mm) wide by 42 inches (1067 mm) deep.
 7. Size: 48 inches (1219 mm) wide by 32 inches (813 mm) deep.
 8. Size: 48 inches (1219 mm) wide by 34 inches (863 mm) deep.
 9. Size: 54 inches (1372 mm) wide by 34 inches (863 mm) deep.

10. Size: 60 inches (1524 mm) wide by 32 inches (813 mm) deep.
 11. Size: 60 inches (1524 mm) wide by 34 inches (863 mm) deep.
- D. End drain low-threshold shower pans for three-wall shower enclosures.
1. Size: 60.375 inches (1534 mm) wide by 30.25 inches (768 mm) deep with 4 inch (101 mm) high threshold and a 1 inch (25.4 mm) flange on three sides.
 2. Size: 60.375 inches (1534 mm) wide by 32.187 inches (818 mm) deep with 2 inch (73 mm) high threshold and a 1 inch (25.4 mm) high flange on three sides.
- E. End drain wheel chair access shower pan and required accessories.
1. Comply with ATBCB ADAAG.
 2. Size: 60 inches (1524 mm) wide by 30 inches (813 mm) deep wheel chair access with No. BF-1260 12 inches (305 mm) by 60 inches (1524 mm) ramp, and No. BF-FT flexible threshold.

2.10 ACCESSORIES

- A. Grab Bars: Type 304 stainless steel; configuration complying with ANSI A117.1, ADAAG, and ASTM F 446.
1. Size: 1.25 inches (32 mm) diameter tube, 18 gauge wall thickness.
 2. Mounting: Concealed stainless steel bolts and nuts, with escutcheon of same finish as bar.
- B. Folding Shower Seat: Stainless steel frame, spring-hinged to allow seat to fold up against wall.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION