Rigid Frame (RF) Dock Shelter
Installation Instructions

(Right or left — read from outside facing building)

1. **DETERMINE CENTERLINE OF DOOR OPENING ON DOCK FLOOR AND POSITION OF SHELTER OUTER EDGES:** Take 1/2 of the unit width and mark this distance on both sides of the centerline.

2. **MOUNT STEEL SUPPORT BUMPERS:** Outside edge of bumper should be placed on mark with top flat surface level with dock floor. Use bumpers as either right or left.

3. **ASSEMBLE SIDE CURTAINS TO SIDE FRAMES:** Remove aluminum angle from frame. Remove woodblock from top of side frame. Position curtain on frame to align holes and nail curtain to frame at the top edge. Bolt-together angle, curtain and frame with hardware provided and tighten.

4. **MOUNT SIDE FRAMES TO THE WALL:** Side frame sets on top of and flush with outside edge of support bumpers. Be sure frames are plumb from top to bottom.

5. **ATTACH SIDE FRAMES TO STEEL SUPPORT BUMPERS:** Predrilled holes are in the top flat surface of the support bumpers. Use bolt, nut, and washers to fasten frame and bumper together.

   NOTE: Use shims between wall and bumper if frame does not align flush.

6. **ASSEMBLE HEAD CURTAIN TO HEADFRAME:** Remove aluminum angle from the frame. Position curtain on the frame and overlay the aluminum angle on top to align holes. Fasten angle, curtain and frame together with lag screws provided (do not over tighten).

7. **MOUNT HEADFRAME TO WALL:** Place head frame on top of the side frames with care taken to avoid damage to extended fiberglass sections of side frames. Extended aluminum angles on side frames fit under headframe aluminum angle.

8. **ATTACH HEADFRAME TO SIDE FRAMES:** Use frame brackets and lag screws provided between bottom of head frame and top inside edge of side frame.

9. **ATTACH SIDE CURTAIN TENSION STRAPS:** Place the "S" hook into the grommet on top inside corner of each side curtain, then screw the loop end of the tension strap onto the inside of headframe so that most of the slack is removed. **Do not stretch the tension strap.** Crimp the "S" hook if desired.

10. **ATTACH HEAD CURTAIN TENSION STRAPS:** Pull tension strap down to the second grommet hole from the top of each side frame and attach to front frame using the lag screw. **Do not stretch strap or extend the strap upwards as it may cause the head curtain to eventually tear!!** Crimp the "S" hook if desired.

11. **ATTACH DRAFT PADS:** Insert draft pads into the channels at the bottom of side frames.

12. **CAULK BETWEEN HEADFRAME AND WALL:** Outside edges only. A silicone or butyl rubber caulk is recommended.

HARDWARE PROVIDED:

- 1 5/8 x 5/16-inch Lag Screws - @ Curtains, Frame Brackets, Wind Straps
- 3/8 x 2 1/2-inch Hex Head Bolts - @ Side Frame to Bumper
- Frame Brackets - @ Headframe to Side Frame

SUGGESTED MOUNTING METHODS

(Mounting anchors not included)

At least three (3) anchors per frame are recommended to mount to the wall—one in the middle and one near each end. Use more if necessary.
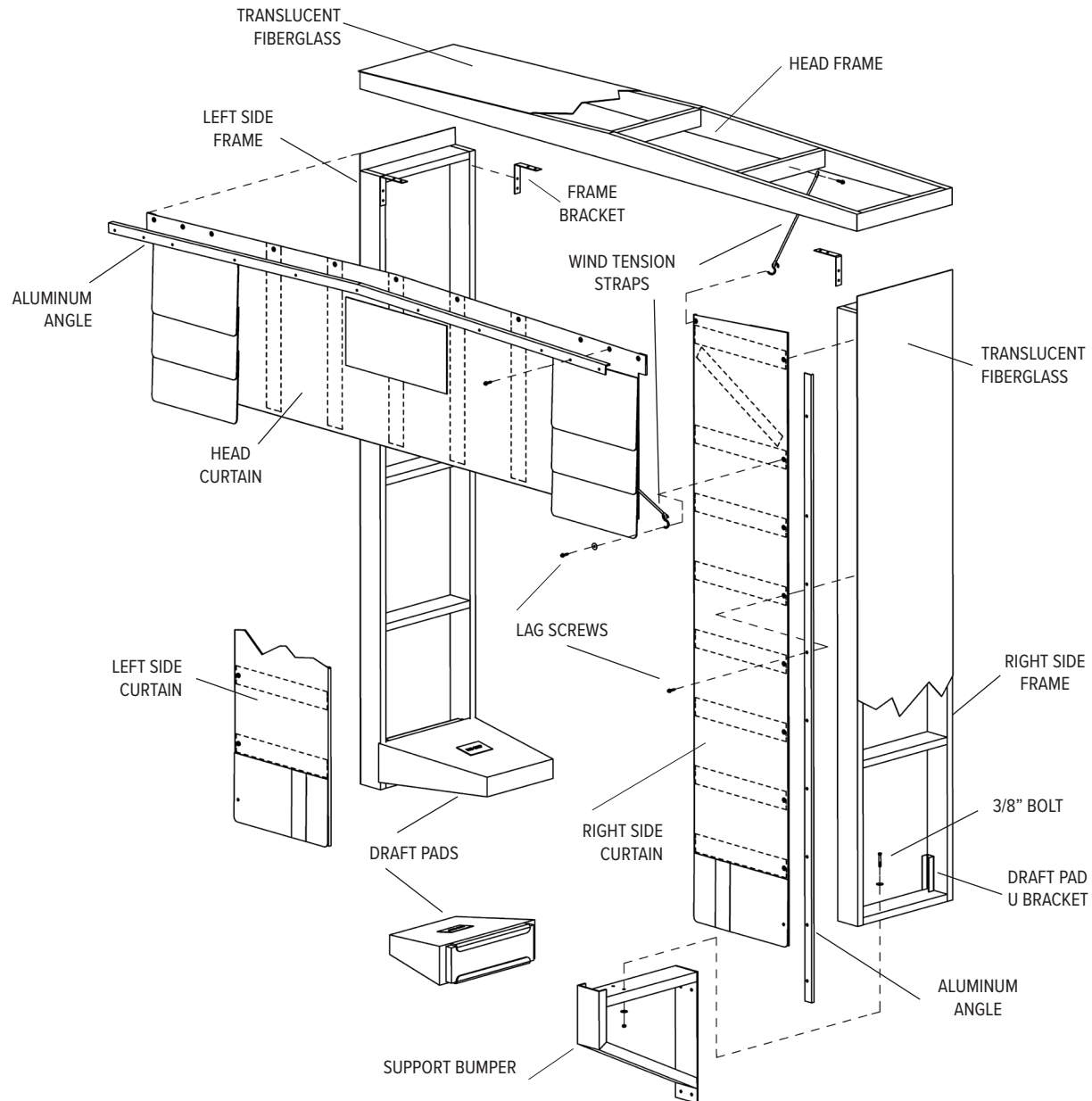
CONCRETE BLOCK OR BRICK WALL: Try to hit mortar joints. Use 1/2-inch or 3/8 x 4-inch expansion anchors. Use through-bolt fastening (minimum two per frame member) if anchors will not hold—3/8-inch threaded rod is recommended.

PRECAST CONCRETE: Same as above.

METAL SKIN BUILDING: Use through-bolt fastening as above, with a backup plate (steel or wood) to support bolts, or anchor through existing building girt or purlin when possible.

RF-SERIES TYPICAL ARRANGEMENT

TRANSLUCENT FIBERGLASS

HEAD FRAME

LEFT SIDE FRAME

FRAME BRACKET

WIND TENSION STRAPS

ALUMINUM ANGLE

TRANSLUCENT FIBERGLASS

HEAD CURTAIN

LAG SCREWS

LEFT SIDE CURTAIN

RIGHT SIDE FRAME

DRAFT PADS

RIGHT SIDE CURTAIN

3/8" BOLT

DRAFT PAD U BRACKET

SUPPORT BUMPER

ALUMINUM ANGLE

W194N11481 McCormick Dr. **I** Germantown, WI 53022
poweramp.com I sales@poweramp.com
800-643-5424

Let Poweramp help you find the best solution for your operation.