Installation Instructions
ShadowBox Clarion Projection Screen by Draper

Assembly of "Knocked Down" Screen

1. Remove all pieces from the carton.
2. Lay out the sections of the frame by matching up the numbers located on the back of the frame sections. Snaps should be facing up. Slide the ends of the castings from the top section into the side frame sections. Fasten these together using the 1/4"-20 machine screws provided. Repeat this for the bottom section of the frame (see Fig. 1).

<Diagram of Assembly>

Back view of ShadowBox Clarion

3. Due to the unknown location of wall studs, or other supporting members, the mounting holes have not been predetermined. Determine the desired horizontal distance between the wall brackets. It is recommended that these brackets are not located within 6" of the outside frame sections or more than one quarter of the overall frame width from the outside frame sections. Mark this horizontal distance on the top side of the top frame section and on the bottom side of the bottom frame section. Position the wall bracket so the inner edge of the bracket is approximately 1" from the back edge of the frame (see Fig. 2). This will place the mounting hole in the center of the frame. Mark the frame through the holes and repeat for all other wall brackets. Centerpunch hole locations and drill through the frame wall using a No. 26 (9/64") drill bit.

4. All mounting holes must be drilled the same distance from the back edge of the frame, to ensure that all four sides of the screen will be the same distance from the wall.

5. NOTE: Only drill through one side of the frame sections. Holes may need to be deburred.

6. The ideal temperature range for assembling folding screens to prevent damaging the surface is 68°-78° F (20°-26° C). Assembling below recommended temperatures may damage surface and void warranty.

7. Screen has been thoroughly inspected and tested at factory and found to be operating properly prior to shipment.

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8. Screen should be accessible for complete removal should fabric become damaged or should other service be required.

9. Screen must be installed level (using a carpenter's level). All four sides of the frame should be the same distance from the wall.

10. Wall surface behind screen should absorb, not reflect light.

11. Tools required: Medium (No. 2) Phillips Screwdriver, Carpenters Level, Measuring Tape, and Electric Drill with a No. 26 (9/64") Drill Bit.

12. Open carton along the length, not at ends.

13. Drill only through one side of the frame sections. Holes may need to be deburred.

14. Nothing should be fastened to screen frame or viewing surface.

15. Tools required: Medium (No. 2) Phillips Screwdriver, Carpenters Level, Measuring Tape, and Electric Drill with a No. 26 (9/64") Drill Bit.

16. Open carton along the length, not at ends.

17. Drill only through one side of the frame sections. Holes may need to be deburred.

18. Tools required: Medium (No. 2) Phillips Screwdriver, Carpenters Level, Measuring Tape, and Electric Drill with a No. 26 (9/64") Drill Bit.

19. Open carton along the length, not at ends.

20. Drill only through one side of the frame sections. Holes may need to be deburred.

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