



OPTIMIZER Rink Divider

Athletica O&M manual

Thank you for purchasing the OPTIMIZER Rink Divider system

The Optimizer is an aluminum framed rink divider designed for ultimate ease of installation and long wearing performance; the premier solution for arena managers, hockey coaches and associations looking to 'divide the ice' in order to facilitate half-ice practices as recommended by various federations, including USA Hockey's American Development Model (ADM) and Hockey Canada's Cross Ice Initiation Program.

This manual details the initial setup, installation and disassembly of the Optimizer Rink Divider system.



IMPORTANT

CAUTION: Be aware of pinch points and sharp edges. Please handle the dividers safely and gently, having several volunteers assist in assembly and disassembly.

Hardware List

Item	Quantity
1/2" Jaw / Jaw Turnbuckles	2
3/8" U-Bolt Kits (U-Bolt, Plate, 2 Nuts)	4
3/8" Flat Washers	8
3/8" Nylock Nuts	8
Lifting Pipes (ø 1-5/8" x 6" aluminum pipe)	2

Tools required for initial setup

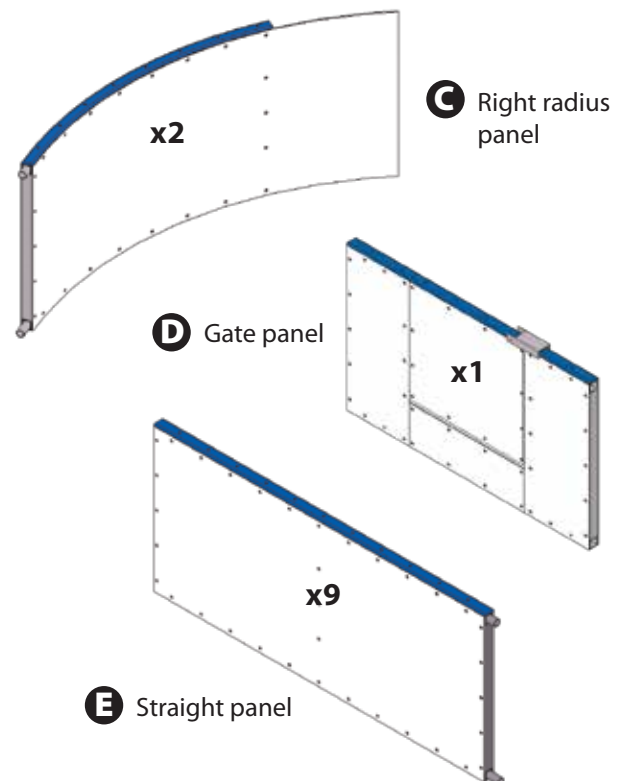
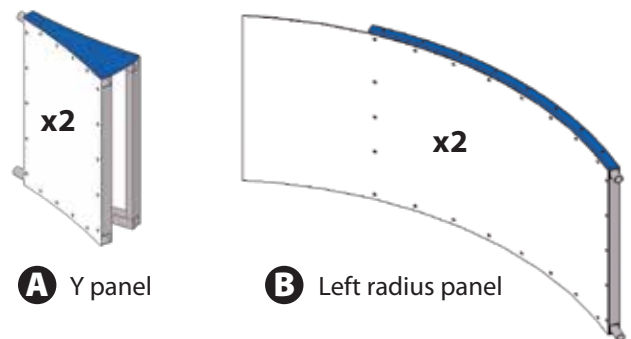
9/16" Wrench

Assemble U-Channel Bolts on the Radius Panels

1. On back of radius panel **B** there are two 3/8" holes, on a plate weld to top frame.
2. Take U-bolt, two 3/8" washers, two 3/8" nuts, one plate and two 3/8" locking nuts.

3. On U-Bolt threads place one 3/8" nut and thread it 3/4" down the u-channel thread.
4. Place plate on U-Bolt. Place U-Bolt through holes on panel, place one 3/8" washer and one 3/8" locking nut. Tighten using a 9/16" wrench.
5. Repeat on other **B** panel and both **C** Panels.

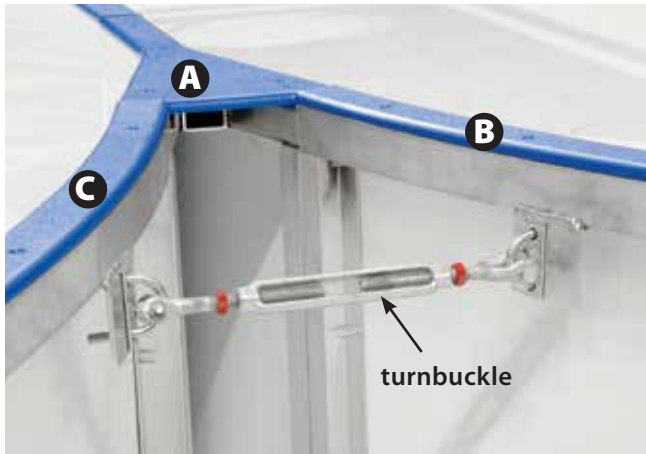
The system comprises the following panels along with a cart for transportation and storage.



Note: Above based on Standard 85' width option. 100' width includes x11 straight **E** panels.

Assembly

1. Connect one **B** left radius panel and one **C** right radius panel to an **A** Y-panel. Connect and tighten the turnbuckle (see diagram below).



2. Add the **D** gate panel to an **A** Y-panel, which becomes the section located closest to the player benches.
3. Attach the **B** left radius panel and **C** right radius panel to the second **A** Y-panel. Place the board across from the player bench.
4. Attach four **E** straight panels to the Y section with the gate. Add five straight **E** panels to other Y section, creating two halves.
5. When moving the rink divider halves, have volunteers at the ends to keep the structure together and in the middle to act as guides. Once in position, connect the halves.

Disassembly

1. Split the rink divider into halves and move them to the gate nearest the storage area.
2. Remove eight of the **E** straight panels and place first on the cart.
3. Next place the **D** Gate panel followed by the last **E** straight panel on the cart.
4. Next place the **B** left radius panels and **C** right radius panels on the cart.
5. Place the **A** Y-Panels on the cart in the triangular open space between the **B** and **C** radius panels and the last **E** straight panel.



Assembled radiused ends



Panels slide together



Cart for transportation and storage

OPTIMIZED[®] OPTIMIZER



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