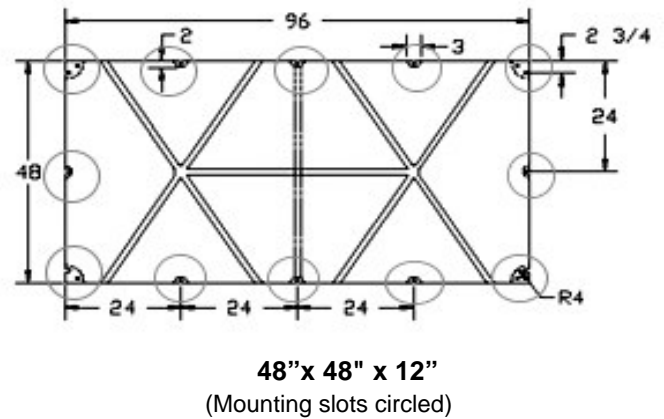
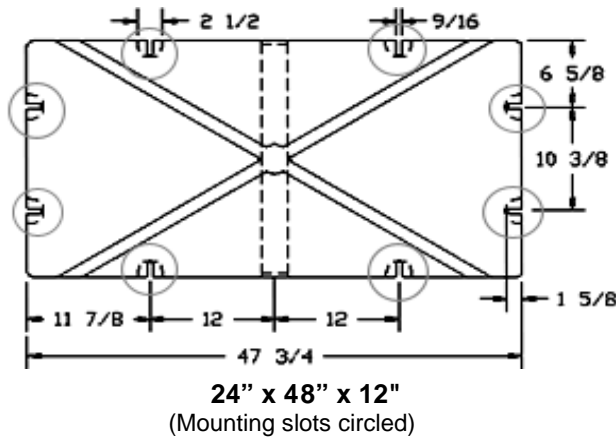




Designed for Easy Installation

Technidock dock floats are designed with an external mounting flange with pre-molded mounting slots. This design makes attachment to wood, aluminum or steel dock frames easy and fast. And it protects the watertight integrity of the float. A nut/bolt/washer combination holds a float securely to steel or aluminum dock frames. A lag screw and washer combination into a 2x6 or 2x8 frame member provides a secure connection to wood frame docks. The number of mounting slots per float varies with the size of the float. With larger floats more mounting slots are provided. Below are some sample line drawings of floats that illustrate the number and spacing of the mounting slots. Float line drawings are provided in PDF format in our dock float section of our web site at www.technidock.com



Floats are typically mounted flush to the bottom of the dock framework, delivering the full advantage of the float's depth in achieving the right freeboard for your dock. Freeboard is the distance from the water's surface to the top of your decking. For residential docks a 14" to 17" freeboard is typical. For marinas, the freeboard can be considerably higher to accommodate much larger boats. Freeboard is determined by adding your dock frame + decking height to the inches of float out of the water.

How do you know how many inches of float will be submerged and out of the water? For residential docks, a simple formula is to multiply the square footage of your dock section by 25 lbs to determine an estimated dock weight. Then multiple that weight by 2. This will tell you the approximate float buoyancy you will need to support the dock to have 50% of the float in and 50% of the float out of the water.

Example: 4' x 20' dock = 80 sq ft x 25 lbs = 2000 lbs x 2 = 4000 lbs of buoyancy (actual could be up to 10% less). Assuming your dock frame plus decking height is 8" and you want a freeboard total of 16", then you will need to use floats that are 16" deep. (16" freeboard = 8" frame/deck height plus 8" of float out of water).

