



“ Thank you for choosing Freedom Breeder! ”

About

Thank you for purchasing our NEW ProLine series reptile and/or rodent rack systems! We are very excited to celebrate our 30th anniversary by bringing new innovations to the reptile industry with our NEW ProLine series racks. We are so thankful to all of our customers for supporting our company these past thirty years. All of our new ProLine series racks come with our new and improved plastic ventilation clips as well as our new plastic ProGlide channels. Along with being much lighter and easier to slide in and out of the rack, these new (removable and replaceable) channels also allow for reconfiguration (for select models ONLY) of the levels to accept larger (or smaller) tubs in case your needs change down the line. Please contact us via email if you would like more information about “reconfiguring” our ProLine series rack levels.

Reconfigurable Rack Models

- ProLine 1030-70 levels (Can be reconfigured to accept (4) FB40 tubs per level.)*
- ProLine 1040-40 levels (Can be reconfigured to accept (3) FB70 tubs per level.)*

**Please note: Reconfiguration of a rack will require additional parts and tubs to be purchased to make this change.*

Tools Required/Recommended for Assembly

- Rivet gun* (Required)
- Rubber mallet* (Recommended)

**These items are available on all of our ProLine rack ordering pages as “additional upgrade”, but can also be purchased individually.*

Assembly Instructions

Fully detailed packing lists are available on each ProLine racks ordering page on our website.

Video demo of Jessy assembling a ProLine rack is available on our YouTube channel

If assembling a CUSTOM ProLine Rack (multiple different level models)

Please read “Custom rack” assembly tips below, BEFORE ASSEMBLY.

1. Base frame and casters should be shipped (upside down, with the wheels facing up to prevent damage) fully-assembled and will need to be flipped over and placed on a flat surface.
2. Use a rubber mallet to attach the plastic level connectors (ribbed side up, smooth side down) to each corner of the frame. There will be a small plastic edge at the halfway point of the level connectors. This edge should be flush against the top of the subsequent levels (See below, Figure A)
3. Set the rack level on top while lining up the bottom of the leg with the top of the level connectors. Use a rubber mallet on corners of the frame to ensure the level is snug on the level connectors. You will do this for each level.

Tip: Holes have been pre-cut for each channel location, 1040 and 1030 racks have (2) sets of holes for center channel placement as these racks are compatible with either FB40 or FB70 tubs. You can use a tub to measure for which holes you will need to attach the channels for these model racks.

4. Attach side channels using the rivet gun and pop rivets. (See below, Figure B)

Tip: One side (front) of the channels will be open, this should be oriented toward the front of the rack. The other side is blocked off, this is the back-side and will stop the tubs from sliding out of the back of the rack so be sure these are oriented correctly before attaching with pop rivets. (Figure B)

5. Attach center channels using rivet gun and pop rivets, keeping in mind the same orientation notes from step 4. (See below, Figure B)
6. Slide ventilation inserts into your rack with ventilation holes toward the front of the rack. (for 25% and 50% vent inserts) The tub channels will have two slots. Top (smaller) slot will be for the ventilation inserts and the bottom (larger) slot is for the tubs to slide into. (See below, Figure C)

Tip: Be sure to feel both the top and bottom of the ventilation inserts as there is a smooth side, and a rough side. The smooth side should be oriented downward so it will be facing inside the tubs.

7. Your rack should have come with (2) different sized ventilation clips. The larger (longer) vent clips are meant to be used on the front of each tub slot to hold the ventilation inserts in place, and the smaller (shorter) vent clips should be clipped onto the back of each tub slot to

secure the back of the ventilation inserts. Slip bottom edge over ventilation insert first, this will allow the clip to flex and clip over the top edge. Be sure to verify the ventilation insert is clipped above the bottom of the clip. (See below, Figure D)

8. Attach Velcro strips on to the top-rear of the side-channels to secure heat panels. NOTE: We usually recommend placing the rear of the heat panel 1-2" inches from the back of the tub's base. You can place a tub into the rack before placing Velcro to see where this will line up. To make cable management easier, be sure to run all power strips out the same side of the rack (Small tabs on heat panel can be bent out/in to allow power cable to be run through slot, and bent back.)
9. Repeat steps 2-8 for ALL levels.

IMPORTANT: Please Note: All Freedom Breeder rack systems MUST be set up with a professional reptile thermostat (i.e Freedom Breeder, Herpstat, Vivarium Electronics) to safely run.

Custom ProLine Rack Assembly Tips

- Largest tubs should be positioned on the bottom of the rack, ascending to the smallest tubs.
- If your rack contains BOTH large frame and standard frame levels, a "large-to-standard frame adapter" will be needed and will be installed on top of the large frame levels.
- If your rack contains BOTH 1040-40 and 1030-70 levels, a set of "1040-to-1030 level spacers" will be needed. These will be installed on the top-most 1030-70 level connector brackets, PRIOR to attaching the 1040-40 levels as this will prevent the FB70 tubs from rubbing on the center channels of the 1040-40 levels. (Figure C, see below)

EXAMPLE IMAGES

FIGURE A

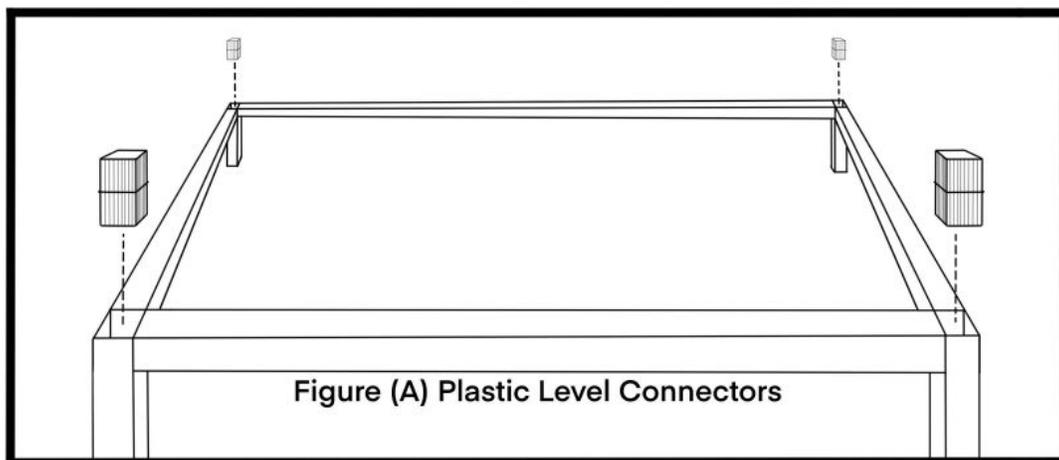


FIGURE B

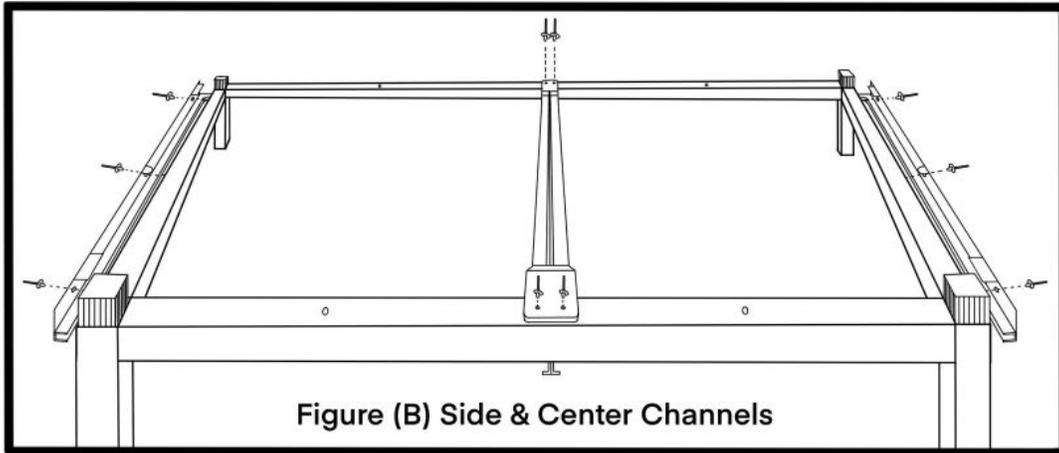


FIGURE C

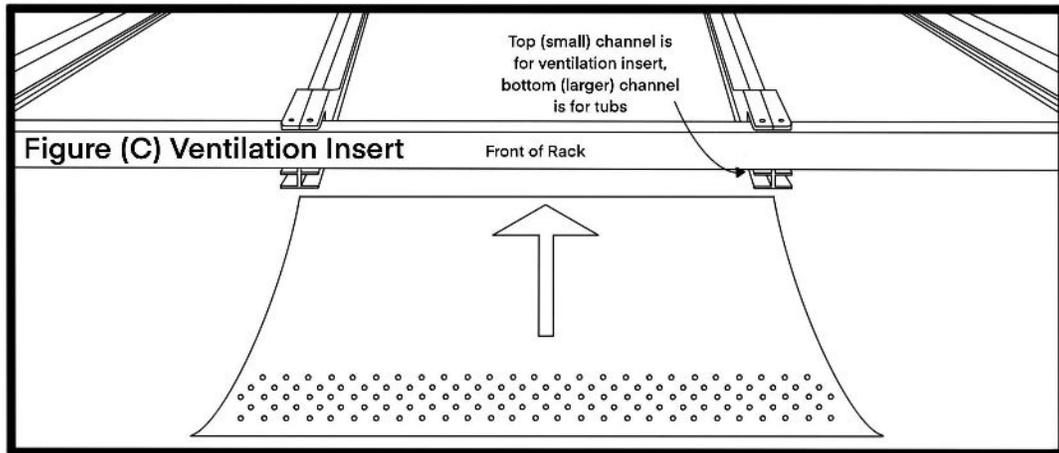
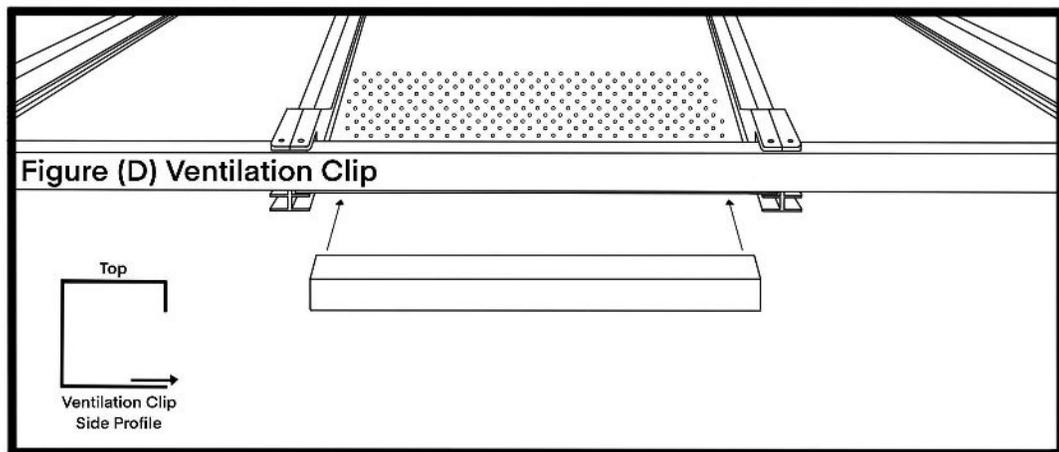


FIGURE D



Packing Lists (by model/per level)

ProLine 1339-10

(3) FB10 tubs
(3) Ventilation inserts
(2) Side channels
(2) Center channels
(3) Front ventilation clips
(3) Rear ventilation clips
(4) Plastic level connectors
(14) Pop rivets
(1) Heat panel

ProLine 1365-10

(5) FB10 tubs
(5) Ventilation inserts
(2) Side channels
(4) Center channels
(5) Front ventilation clips
(5) Rear ventilation clips
(4) Plastic level connectors
(24) Pop rivets
(1) Heat Panel

ProLine 1020-20

(2) FB20 tubs
(2) Ventilation inserts
(2) Side channels
(1) Center channel
(2) Front ventilation clips
(2) Rear ventilation clips
(4) Plastic level connectors
(10) Pop rivets
(1) Heat panel

ProLine 1133-20

(3) Fb20 tubs
(3) Ventilation inserts
(2) Side channels
(2) Center channels
(3) Front ventilation clips
(3) Rear ventilation clips
(4) Plastic level connectors
(14) Pop rivets
(1) Heat Panel

ProLine 1020-40

(2) FB40 tubs
(2) Ventilation inserts
(2) Side channels
(1) Center channel
(2) Front ventilation clips
(2) Rear ventilation clips
(4) Plastic level connectors
(10) Pop rivets
(1) Heat panel

ProLine 1040-40

(4) Fb40 tubs
(4) Ventilation inserts
(2) Side channels
(3) Center channels
(4) Front ventilation clips
(4) Rear ventilation clips
(4) Plastic level connectors
(18) Pop rivets
(1) Heat Panel

ProLine 1020-70

(2) FB70 tubs
(2) Ventilation inserts
(2) Side channels
(1) Center channel
(2) Front ventilation clips
(2) Rear ventilation clips
(4) Plastic level connectors
(10) Pop rivets
(1) Heat panel

ProLine 1030-70

(3) Fb70 tubs
(3) Ventilation inserts
(2) Side channels
(2) Center channels
(3) Front ventilation clips
(3) Rear ventilation clips
(3) Plastic level connectors
(14) Pop rivets
(1) Heat Panel



IMPORTANT

ProLine 1040-to-1030 spacer installation

- Spacers must be placed between the ProLine 1030-70 and the ProLine 1040-40 levels due to the FB40 tubs rubbing on the top of the 1030-70 channels, making them harder to pull-out and may cause damage to these tubs.

Step 1: Place (1) spacer on bottom-half of plastic connector (figure 1.1) between the 1040-40 and 1030-70 levels for each leg. Press all legs inside the lower level (figure 1.2) and make sure that frame is level. If this level wobbles, one or more of the spacers may have been placed on the wrong side of the plastic connector.

- After placing the spacers you may notice a slight gap between the FB40 tubs on this level and their corresponding heat panels. This will be addressed in step 2. If left alone this gap will make the hotspot temps on these tubs to not reach the same temps as the other levels. As shown in figure 2.1 the heat panels will lay flush on the frame below their corresponding tubs. This can be easily bent to raise the heat panel up slightly to meet the bottom of the tub. Do not worry, as our panels are made of stainless steel, this can be easily un-bent if you ever decide to reconfigure, move, or modify this into 1030-70 levels.

Step 2: As shown in figure 2.2 grasp the edge of the heat panel, pressing up with your fingers, and down with your palm to slightly bend the heat panel edge so it raises up. (as shown in figure 2.3) Repeat this step on the other side of the heat panel.

- Figure 3.0: You may need to adjust the bend a couple of times, but you will want you heat panel to be flush with the FB40 tubs above this panel.



Figure 1.1

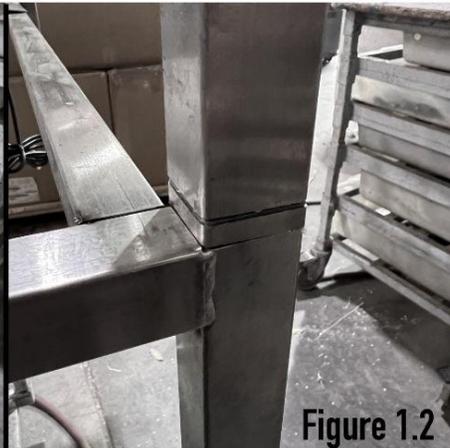


Figure 1.2

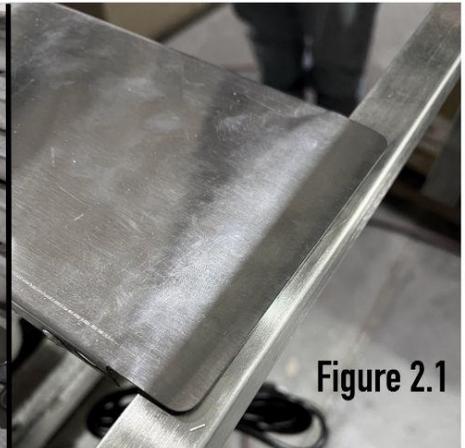


Figure 2.1



Figure 2.2



Figure 2.3

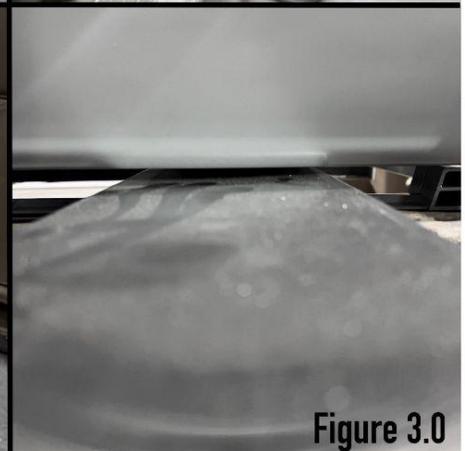


Figure 3.0