

SUPERIOR FLOAT TANKS

THE FLOAT SUITE INSTALLATION GUIDE



SUPERIOR FLOAT TANKS - THE COMPANY



Thank you for becoming the owner of a new Superior Float Tanks product. As a universal float tank manufacturer and distributor focused on building exceptional products, Superior Float Tanks is dedicated to providing you with top-notch customer service that surpasses your expectations. All information contained within this owners manual was accurate at the time of publication. However, Superior Float Tanks reserves the right to make changes at anytime so that our policy of continued excellence can stay the course.

This manual applies to all models of our tanks and includes descriptions and explanations of optional as well as standard equipment. As a result, you may encounter content that is not applicable to your specific tank.

Float safely and enjoy your tank!

SUPERIOR FLOAT TANKS - THE COMPANY



Thank you for choosing Superior Float Tanks.

When you require service, keep in mind that Superior Float Tanks knows your tank best. We have factory-trained technicians, special tools and genuine Superior Float Tanks factory replacements parts. We are dedicated to your utmost customer satisfaction. Because succeeding owners require this important information as well, this manual should remain with the tank if it is sold.

This publication will familiarize you with operational, safety, and maintenance information of your new tank. We advise you to read this manual carefully and follow the recommended instructions to help ensure a safe and enjoyable experience.

Superior Float Tanks offers a wide variety of options, components, and features for our various models. Therefore, some of the equipment described in this publication, along with its many illustrations may not be applicable to your particular tank. The specifications and information provided in this manual were accurate at the time of the production of this manual. Superior Float Tanks reserves the right to discontinue or change specifications or design at any time without notice and without obligation. If you have any questions please refer to a Superior Float Tank LLC.

We assure you of our continued interest in you enjoyment and your satisfaction.

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PREPARING YOUR SPACE

PRE DELIVERY AND INSTALL CHECKLIST

Before you have your tank delivered and installed there are a few things you need to have ready and squared away. You must make certain that every detail is planned out and that you execute every task required in order to begin installation. You must have your built sheet filled out in order to finalize what tanks you will be receiving along with any upgrades you may have ordered. You must have your design plans finished and approved. The design plans will clarify how much space you have and they will indicate the best placement for the tanks as well as the filtration systems. Make sure that any construction is completed and any electrical system is installed and in place. In the following sections we provided an in depth checklist that will help you prepare for your tank installation:

PRE DELIVERY CONFIRMATION

1. The doorways corridors and all access is sufficient for the tank to move safely and freely through to the required destination. See our pre-delivery documentation.
2. The final destination for the tank will be finished - i.e. free from all major construction works such as plastering, plumbing, painting and electrical work.
3. I have taken reasonable measures to make sure that the room will be quiet, warm, well ventilated and very dark so that my clients will have comfortable floatation sessions free from distraction.
4. I have consulted with architects, builders, electricians, local officials or other suitably qualified individuals to make sure that my premises are suitable.
5. The unloading of the tank from the truck and the paying of taxes and duties incurred in shipping are my responsibility - unless otherwise agreed in writing with Superior Float Tanks.
6. Before the tank leaves the factory I have made Superior Float Tanks *and* the shipping agent aware of any accessibility issue or special requirements for getting the tank to my premises. (e.g. are there any fences, walls or narrow roads which could cause delivery to be a problem.) I accept the relevant charges for the use of special lifting equipment.

1. I will have a strong group of people (4 persons minimum - 5 or 6 recommended) with appropriate lifting aid available to accept delivery *from the truck* and to carefully guide the tank to its final destination. (See moving our document.)
2. The black strapping used for securing the tank while in transit will be retained and returned to Superior Float Tanks staff unless otherwise directed. (This applies to tanks transported on pallets only. Crates do not normally have strapping used.)
3. When dealing with multiple tanks the tops, doors and bases of each tank will be temporarily marked (e.g. with a label/ piece of tape) so that if moved separately tops and doors can be reunited with the original base they came with.
4. The foam matting that is delivered with the tank will be placed underneath the tank and not discarded.
5. The salts, cables, tubing, electronics or any such item included with the delivery will be kept in a safe, dry and clean place.

PRE INSTALLATION CONFIRMATION

1. The tank has been unpacked, checked for damage and a list of parts and photos (inside and out) is emailed to my Superior Float Tanks contact.
2. The room is completely finished.
3. I have planned for the final destination of the remote control and that the cable needed for the tank remote control and the PIR Sensor are in place. All the necessary cable laying (behind conduit, panelling, dry wall or over ceiling) has been completed.
4. I have a supply of Sodium Hypochlorite solution (colourless, 10-15% concentration).
5. I have the necessary pool cleaning tools as recommended in the tank manual.
6. The tank is in its final resting place.
7. I will ensure enough room is available for moving around the tank and that the engine and pipes are accessible (as shown in our room design document).
8. A ground fault interrupter /Residual Current Device (RCD)/ Earth leakage device circuit breaker and waterproofed electricity supply is ready in the room.
9. Electrical supply Voltage and Hertz (Hz) is as previously confirmed *in writing* with Superior Float Tanks. The power supply is adequate to power the needs of your premises and business / personal usage. The power needs to be stable and continuous.
10. The room is adequately lit and ventilated.
11. The temperature of the room is warm and is heated in a way which is electrically safe for customers in the floatation environment.
12. A continuous fast running supply of very hot water is available within easy access by the install team. 1000 litres (265 gallons) per tank will be needed.
13. There will be no building work occurring which will interfere with the installation.
14. I realise that once the final position of the tank, engine and piping has been agreed and fixed in the installation then only very small subsequent changes to the layout can be made.
15. A qualified electrician is on hand in case any technical assistance is required.
16. The total cost of the installation engineer / engineers' flights and accommodation are being covered by me and I have made arrangements for accommodation for the duration of their stay. *Unless otherwise agreed in writing with Superior Float Tanks.

INSTALLING THE QUEST FLOAT SUITE

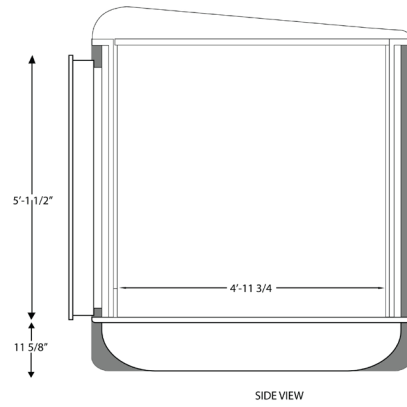
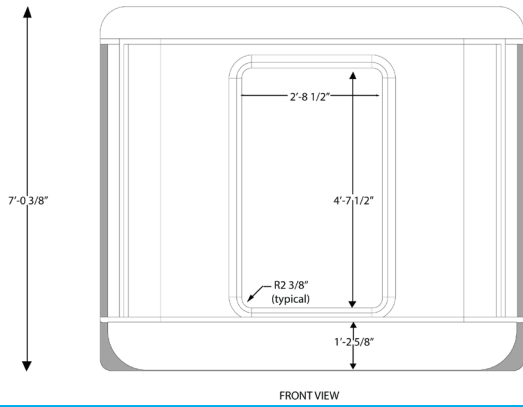
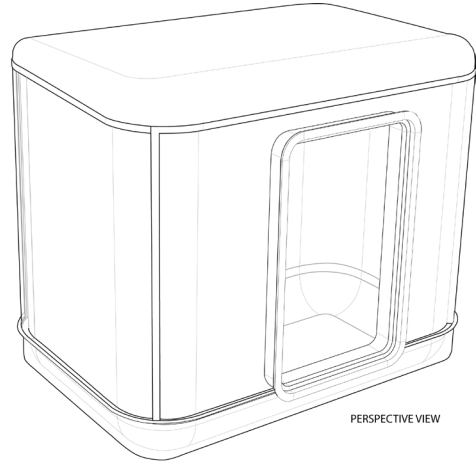
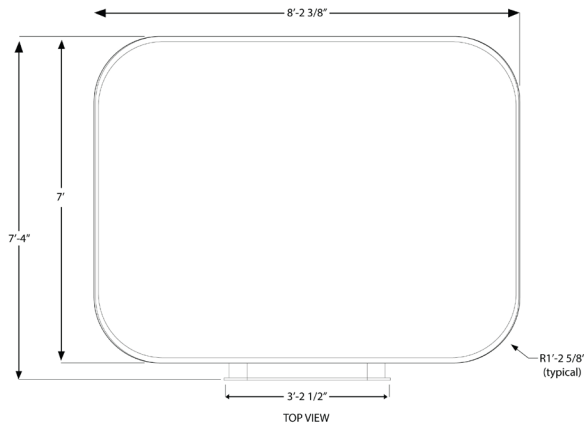


QUEST FLOAT SUITE

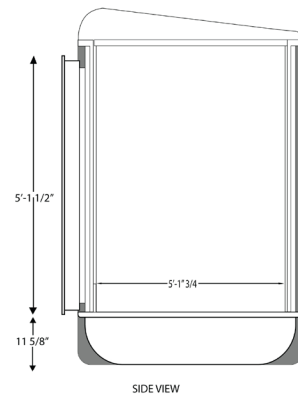
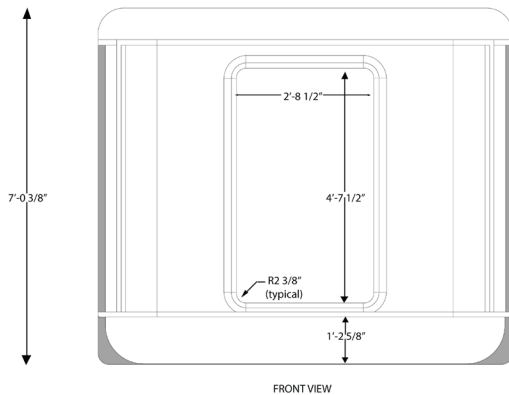
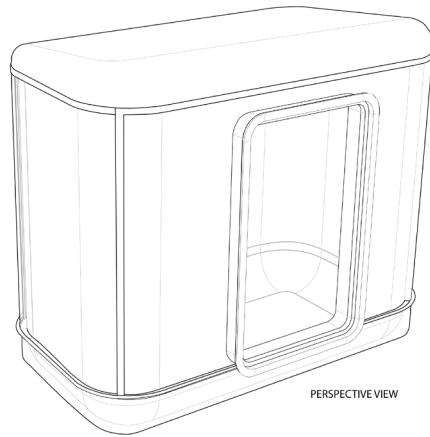
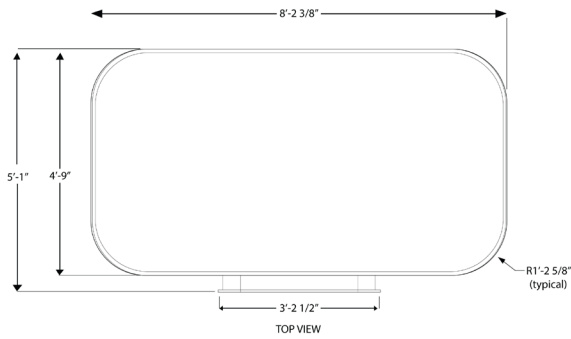
Before you even think of having your tank delivered and installed there are a few things to go through. You must make certain that every detail is planned out and that you execute every task required in order to begin installation. You must have your built sheet filled out in order to finalize what tanks you will be receiving along with any upgrades you may have ordered. You must have your design plans finished and approved. The design plans will clarify how much space you have and they will indicate the best placement for the tanks as well as the filtration systems. Make sure that any construction is completed and any electrical system is installed and in place.



DELUXE MEASUREMENTS

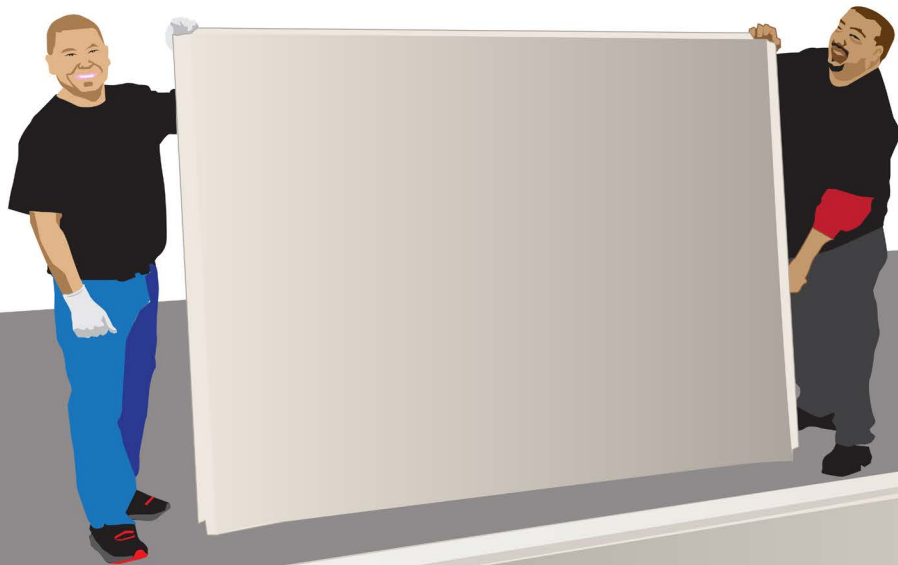


STANDARD MEASUREMENTS



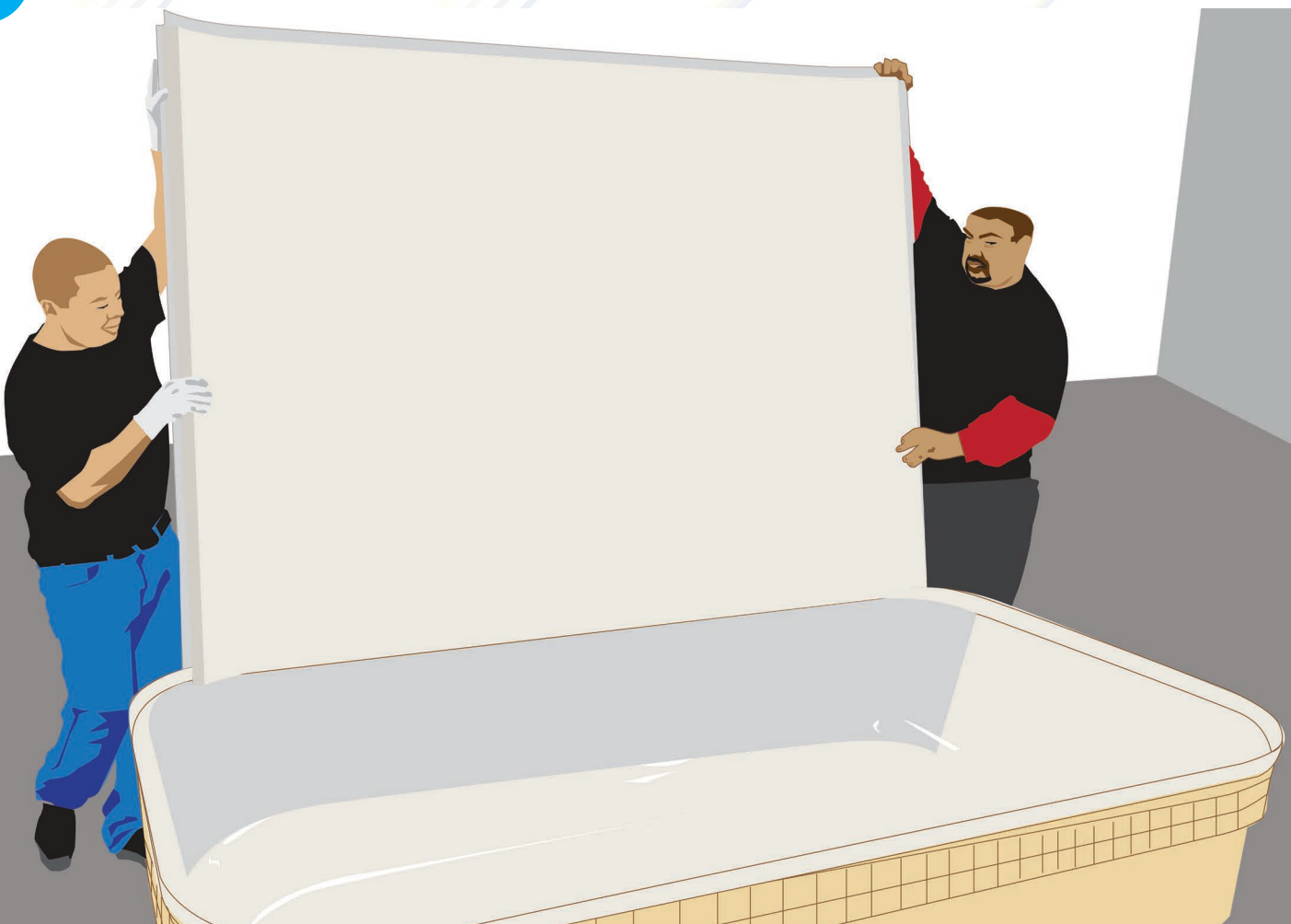
1

Set tub in place



2

Position rear panel on the tub base



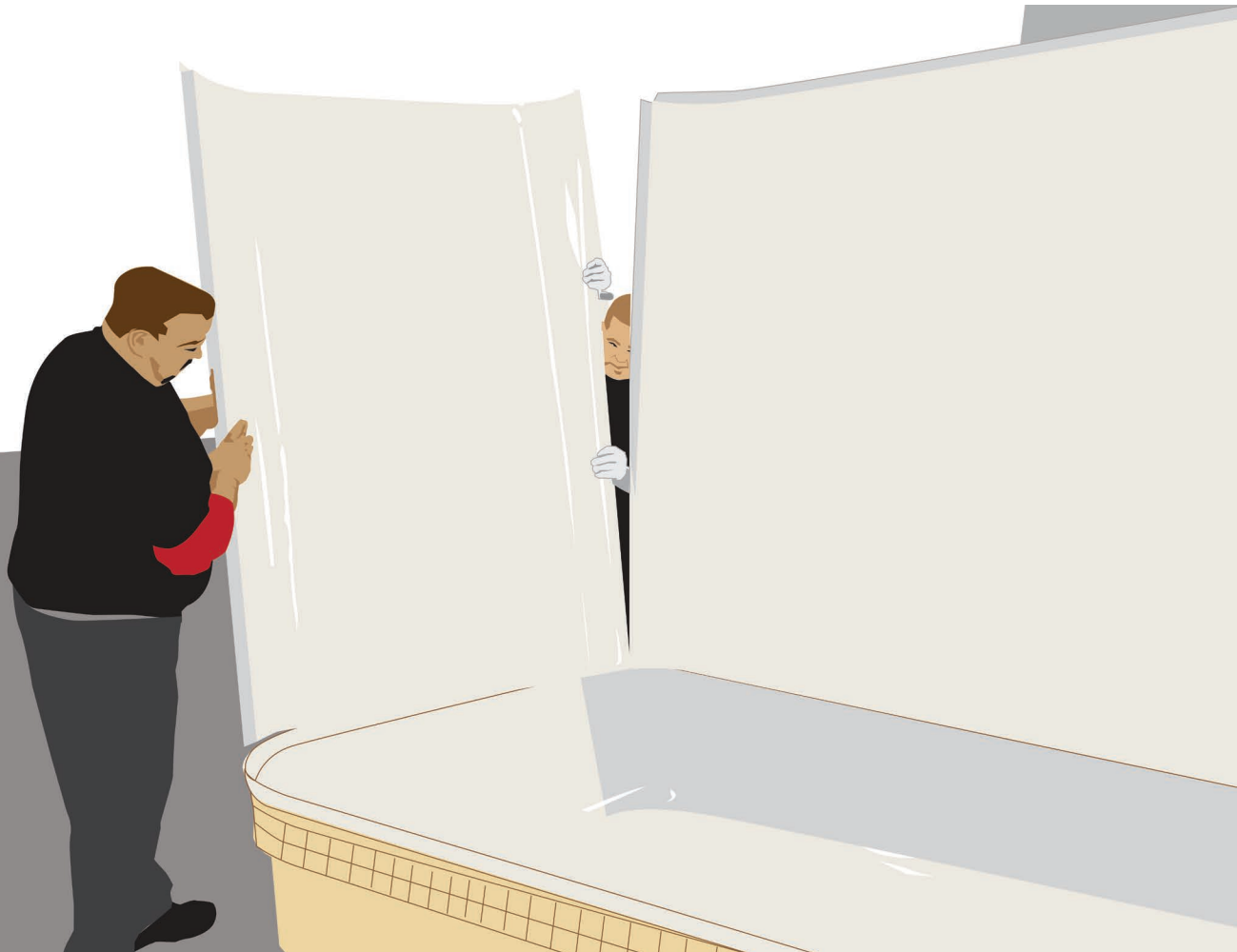
3

Grab end wall while holding up rear panel



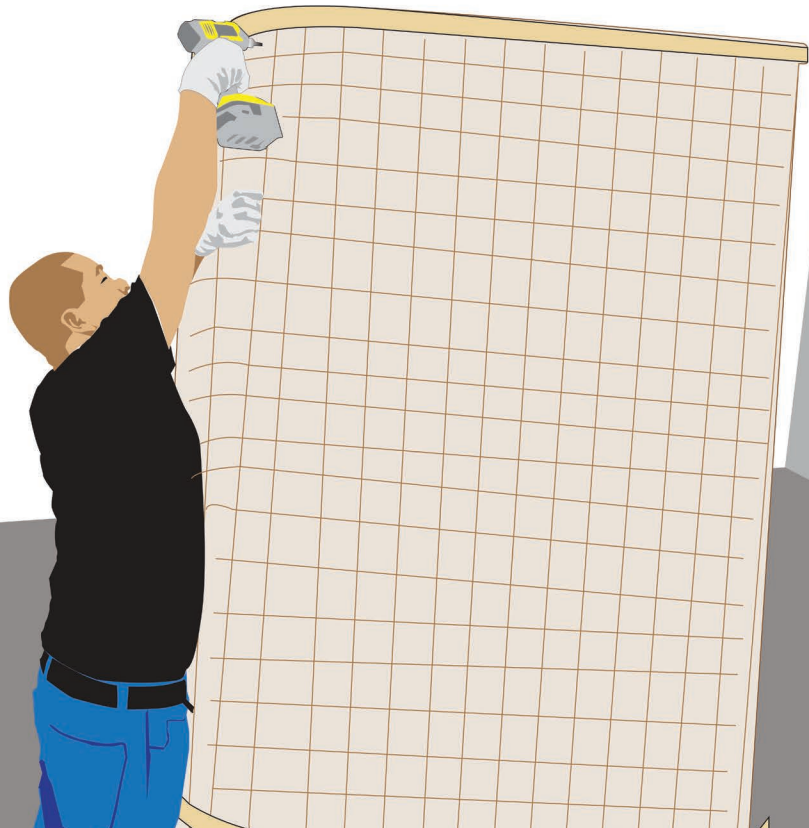
4

Position end wall on tub base



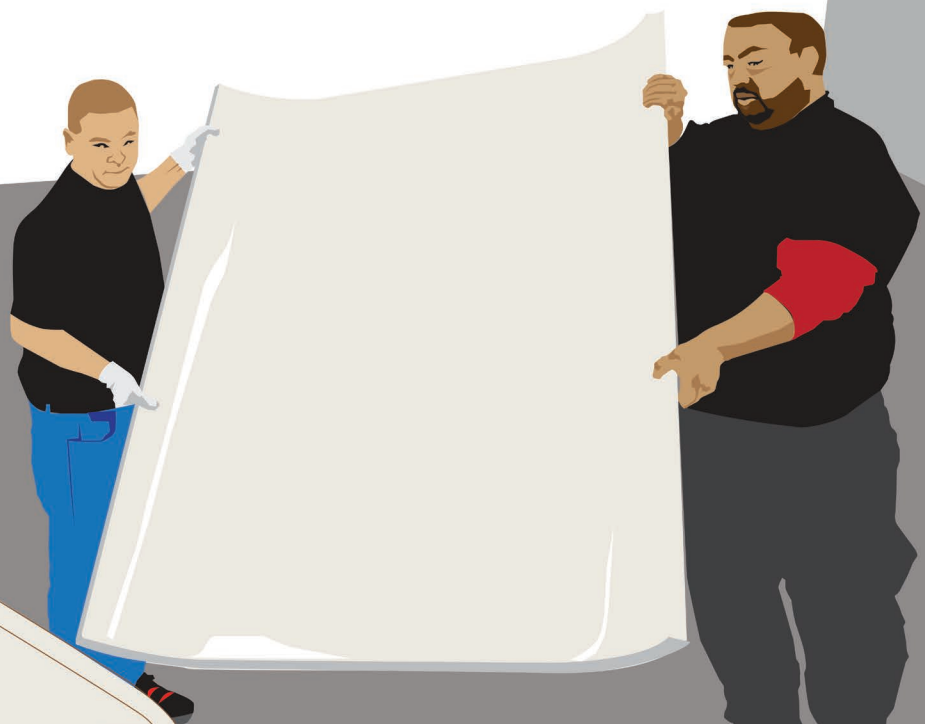
5

Install a screw to hold the side wall to the back wall



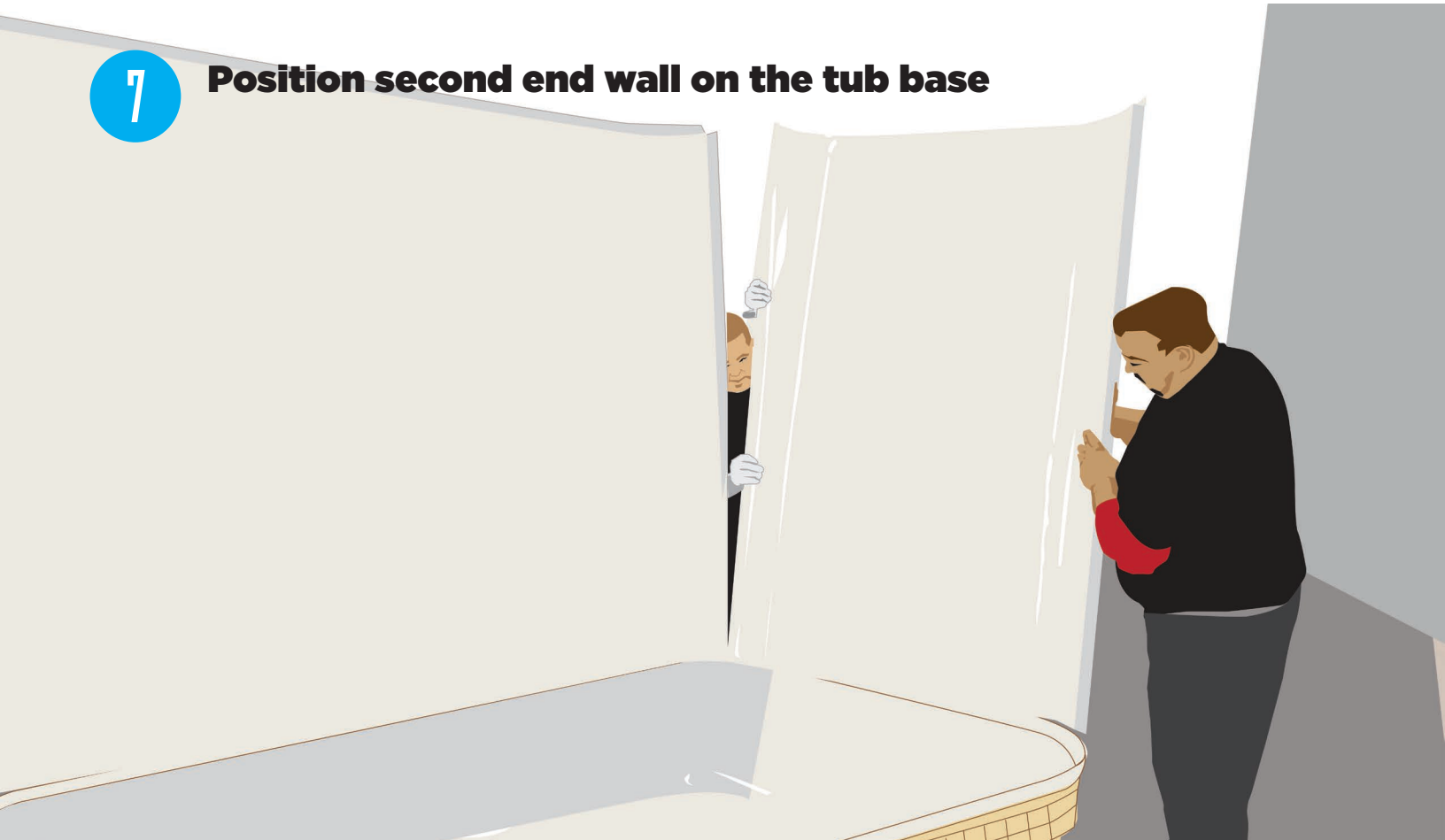
6

Grab the opposite end wall panel



7

Position second end wall on the tub base



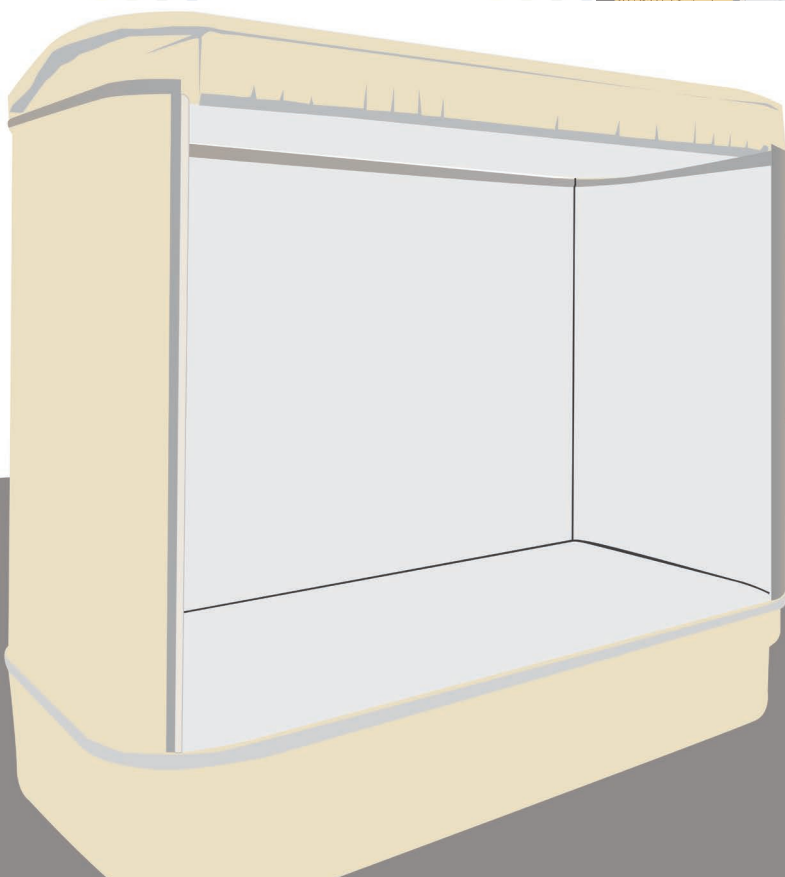
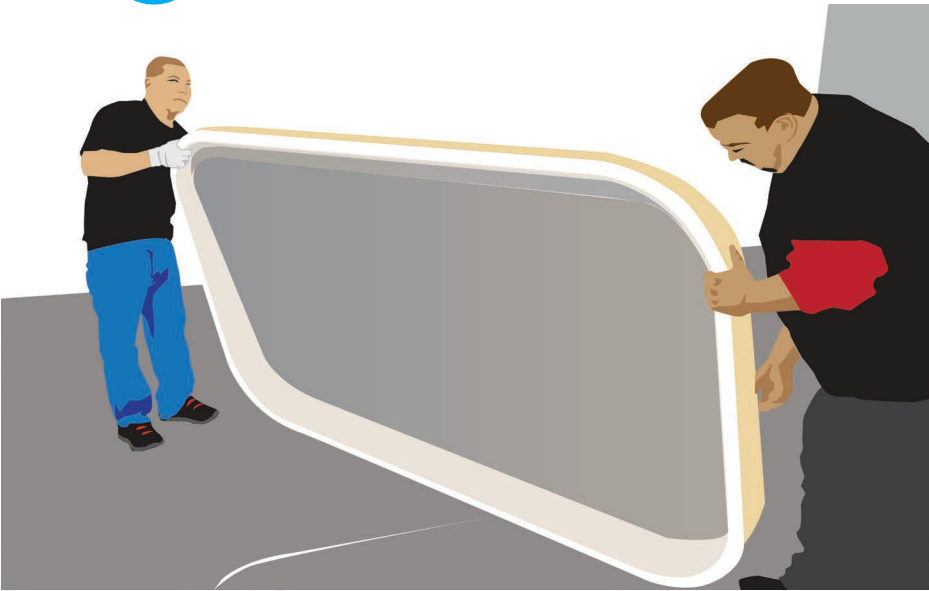
8

Install a screw to hold end wall to the back wall panel



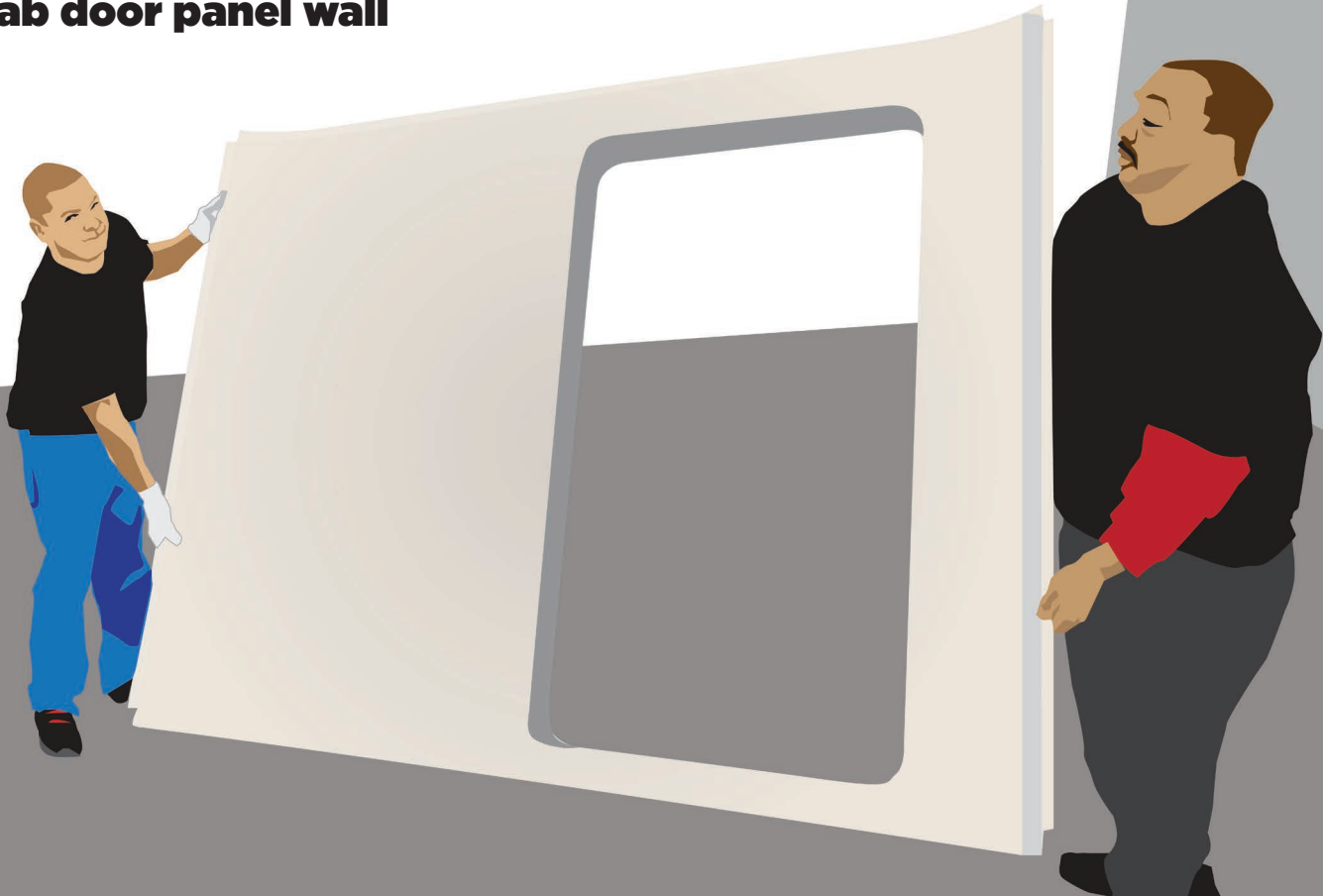
9

Grab roof panel and set on top of wall panels



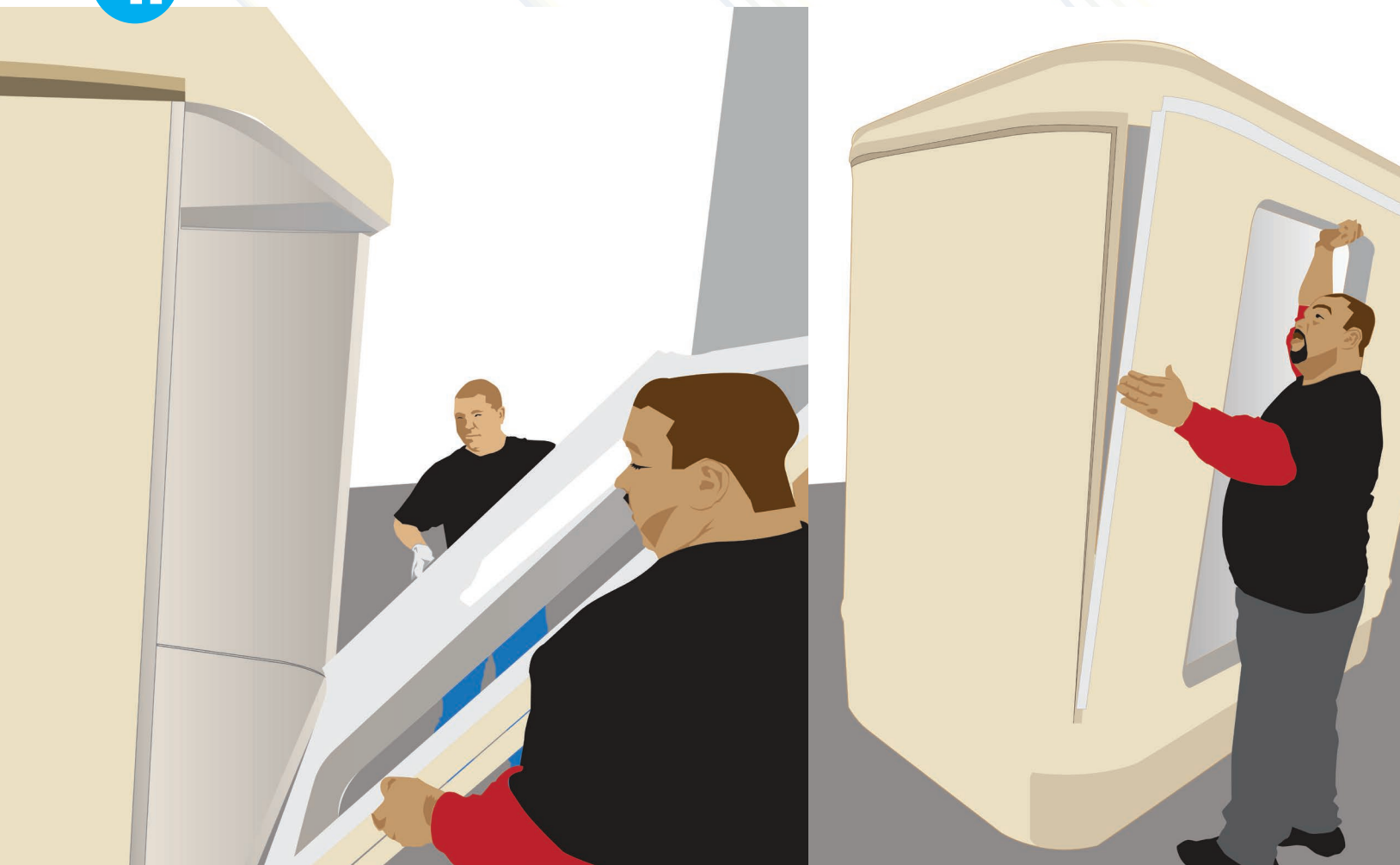
10

Grab door panel wall



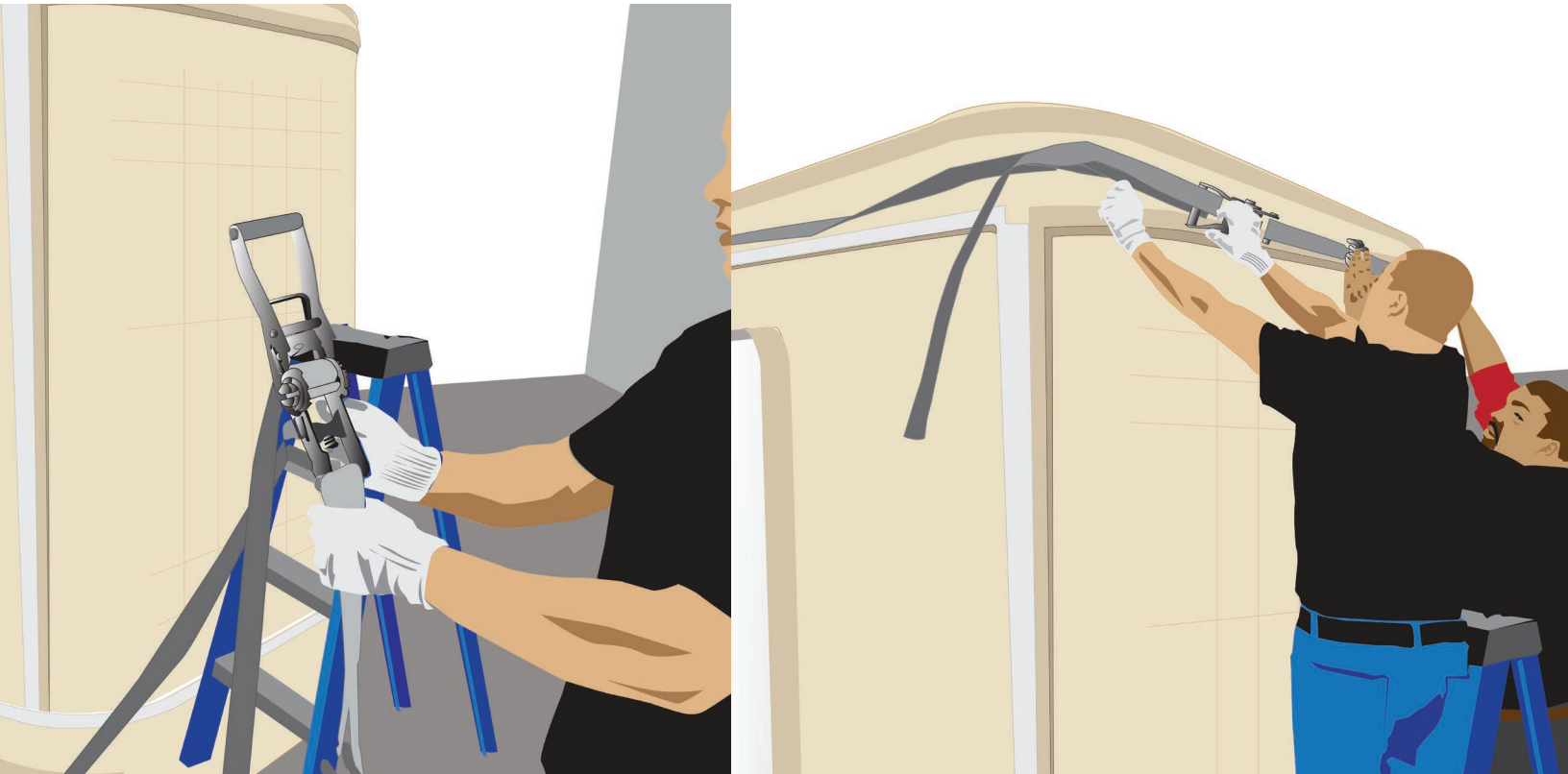
11

Insert door panel wall onto the tub base



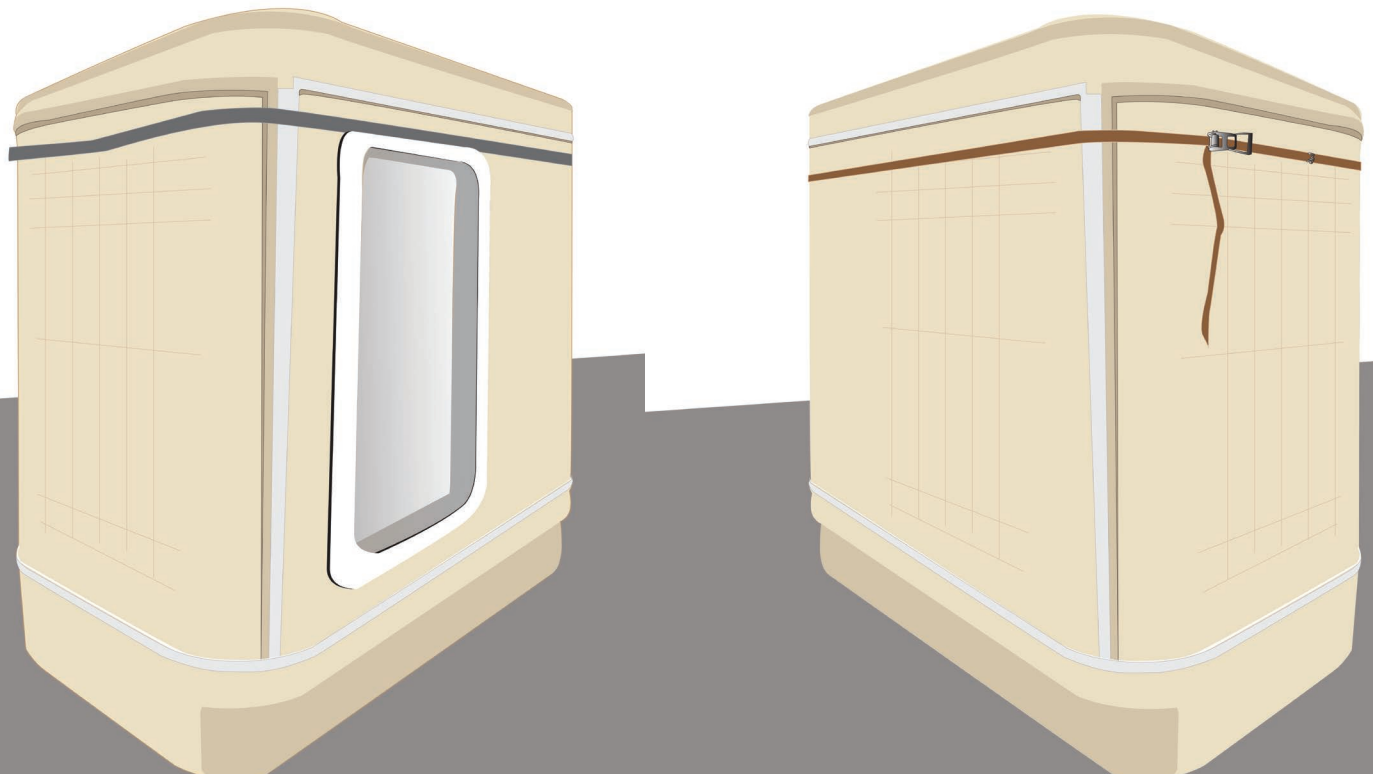
12

Use a 27' ratchet strap around top of float room to compress walls to the roof panel. Check the inside of the float room to make sure that seams are lined up and tight.



13

Screw wall panels to each other and to the roof with supplied fasteners.

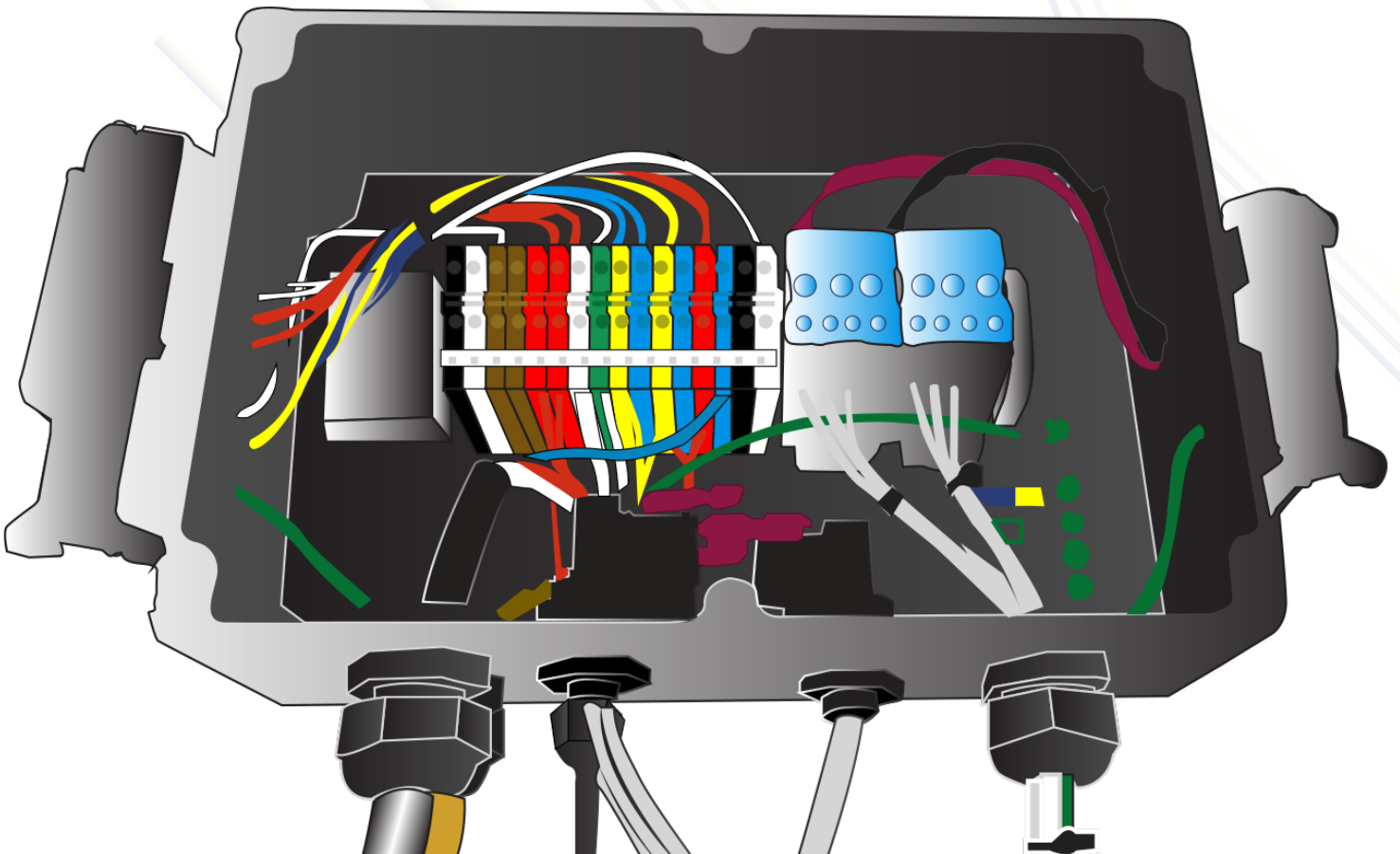


CONNECTION BOX

The connection box allows for the float suite operator to control and connect the Unity Control System, the Micron Filtration System, the air buttons for the LED light, and the speakers. It also allows the operator to control the temperature of the float water.



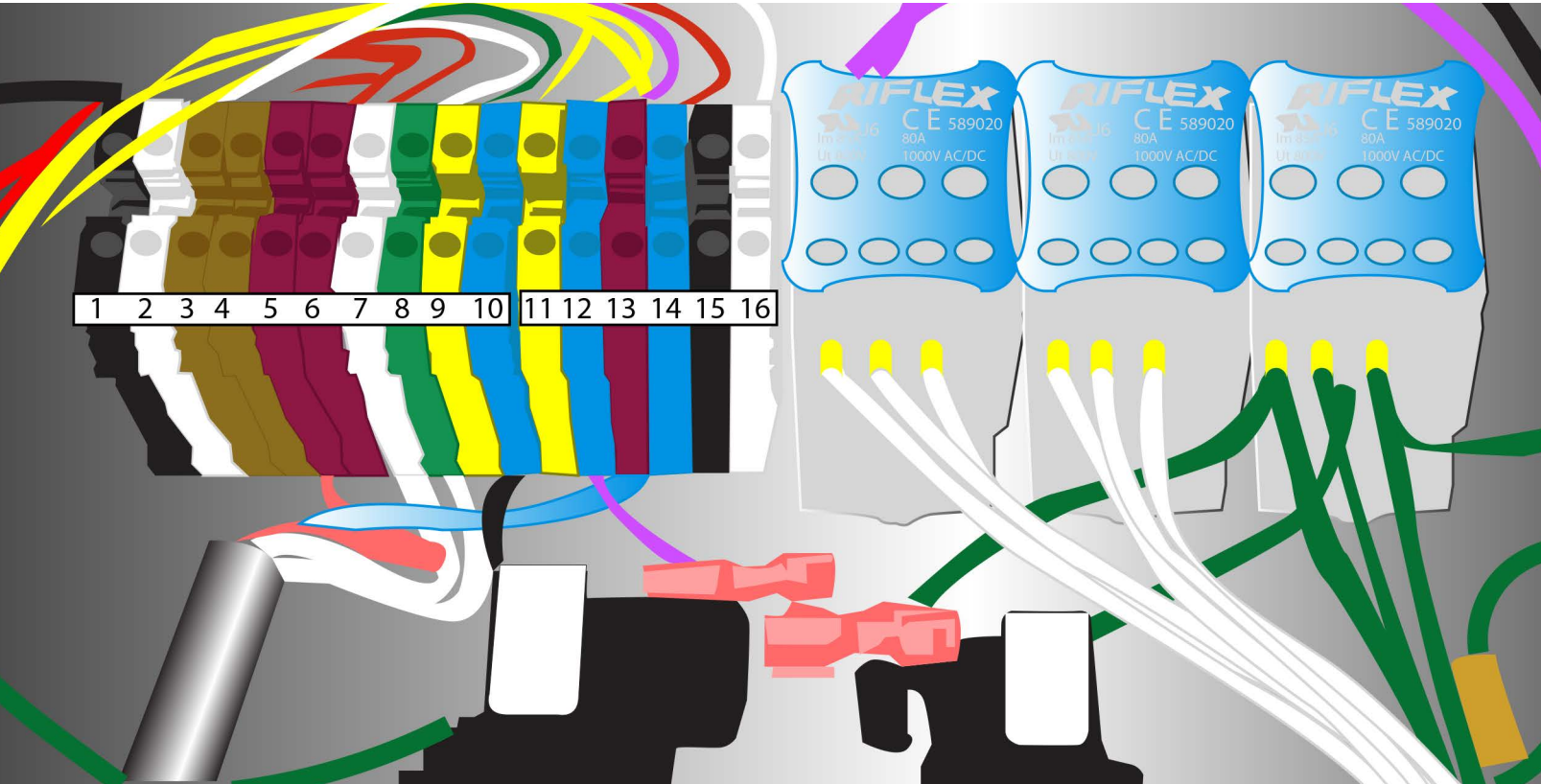
QUEST FLOAT SUITE



CONNECTION BOX PARTS

LOW VOLTAGE TERMINAL BLOCKS

HEATER TERMINAL BLOCKS



LOW VOLTAGE WIRER CHART

- | | |
|---------------------------------|--------------------------------|
| 1 SPEAKER + | 9 DIGITAL THRM - YELLOW |
| 2 SPEAKER - | 10 DIGITAL THRM - BLUE |
| 3 CAN+ EXPANSION FUTURE | 11 VOL AIRSW - YELLOW |
| 4 CAN- EXPANSION FUTURE | 12 LIGHT AIRSW |
| 5 RED - LED | 13 PWR TO AIRSW |
| 6 DIGITAL THRM - RED | 14 BLUE - LED |
| 7 WHITE LED+ | 15 SPEAKER + |
| 8 GREEN - LED(GRAY WIRE) | 16 SPEAKER + |

HEATER TERMINAL BLOCKS

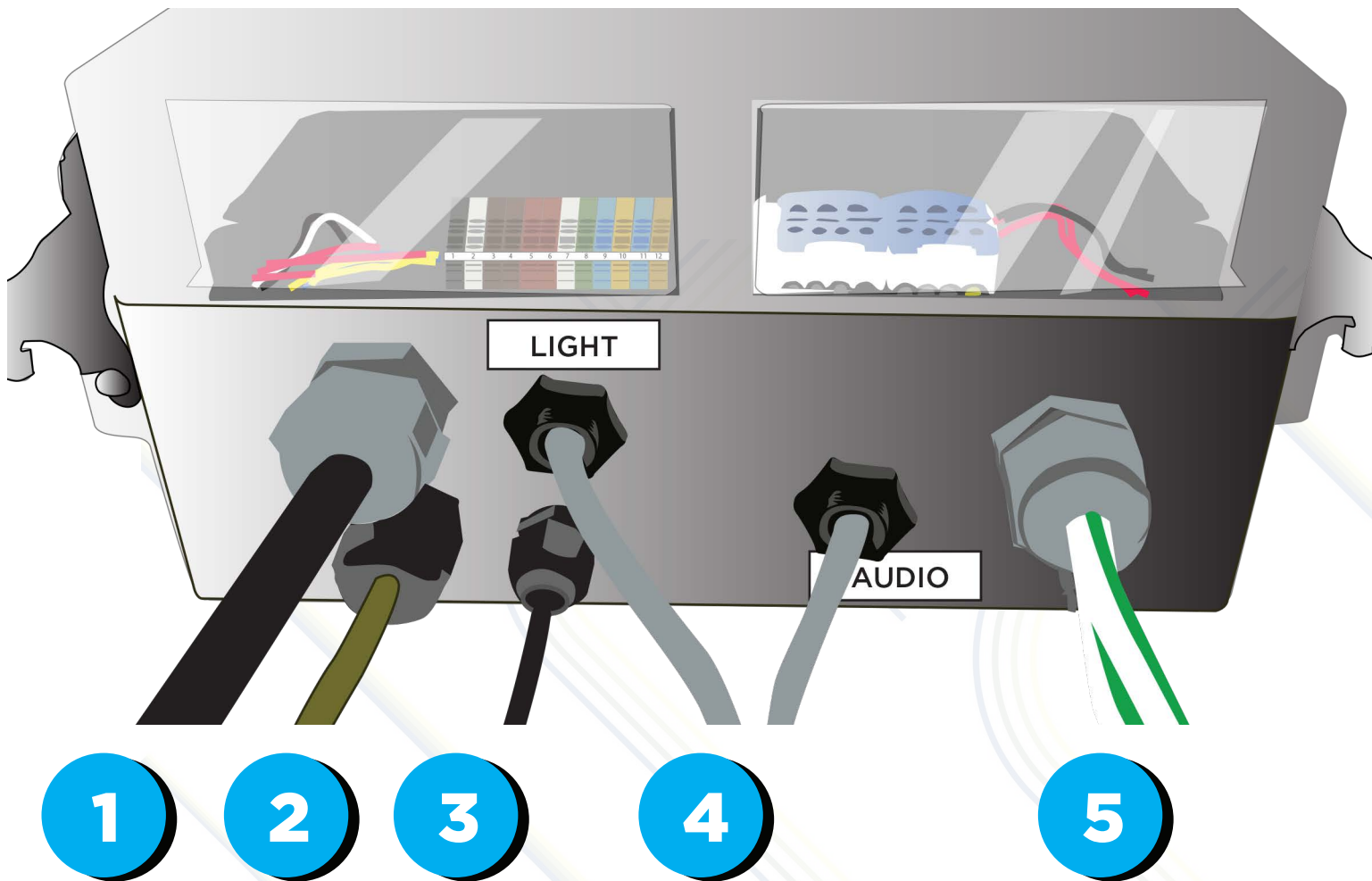


1 lead wire from each heater is plugged into the left and right heater terminal block. Heater ground wires are screwed into the ground block.



NOTE: *Temp sensor wire color may differ

CONNECTION WIRING DIAGRAM

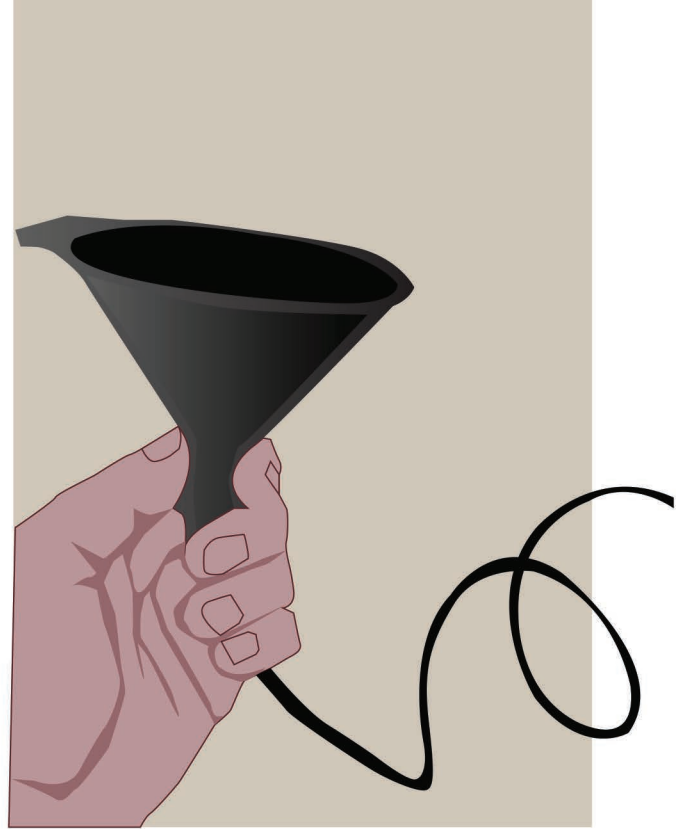
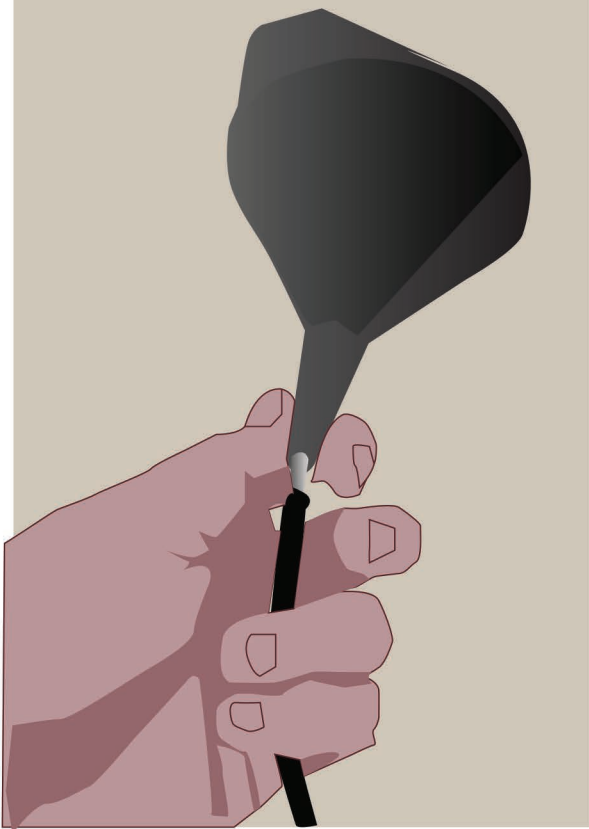


- 1. LED LIGHT**
- 2. SPEAKERS**
- 3. TEMP SENSOR**
- 4. AIR BUTTON TUBES**
- 5. HEATER WIRES**

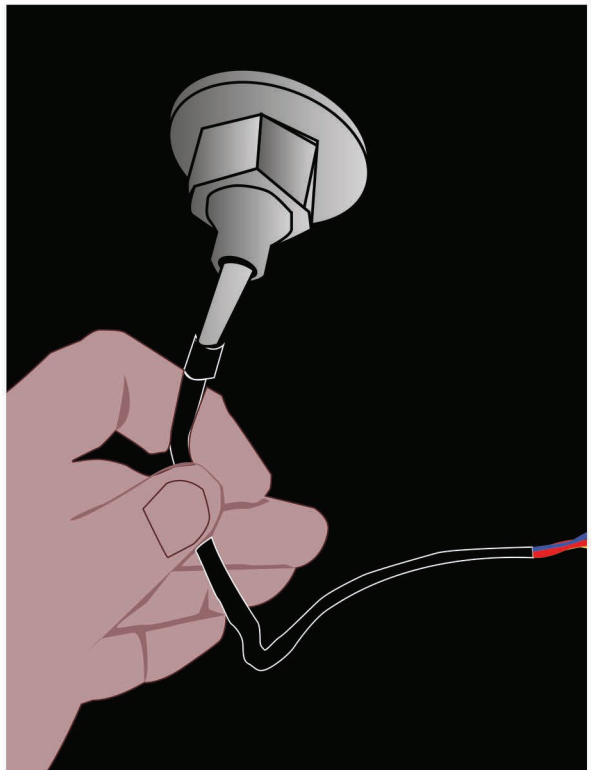
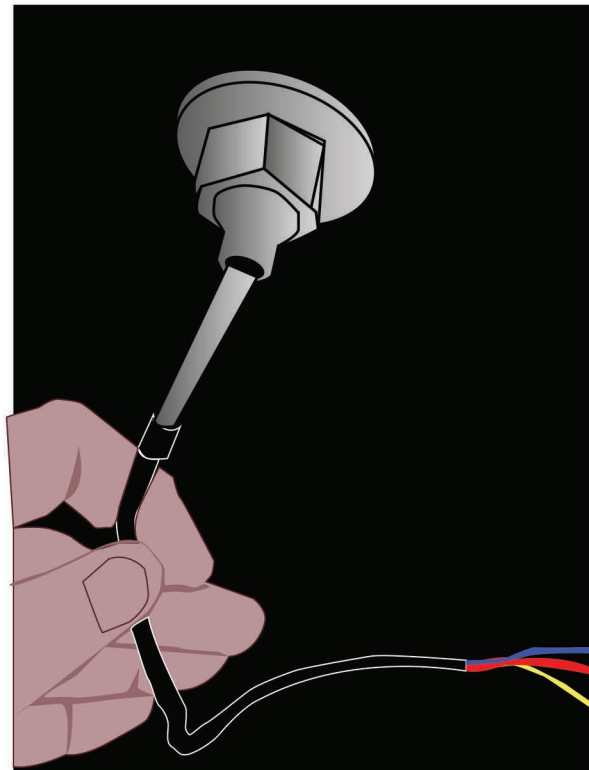
Wires are inserted through the cable gland fittings to be connected to the terminal blocks. Once connected tighten the cable gland fitting to secure the wires. The air button tubing is connected by pushing the tubes onto the air switches.

TEMPERATURE SENSOR

- 1 Insert the temperature probe through the funnel like shown.**

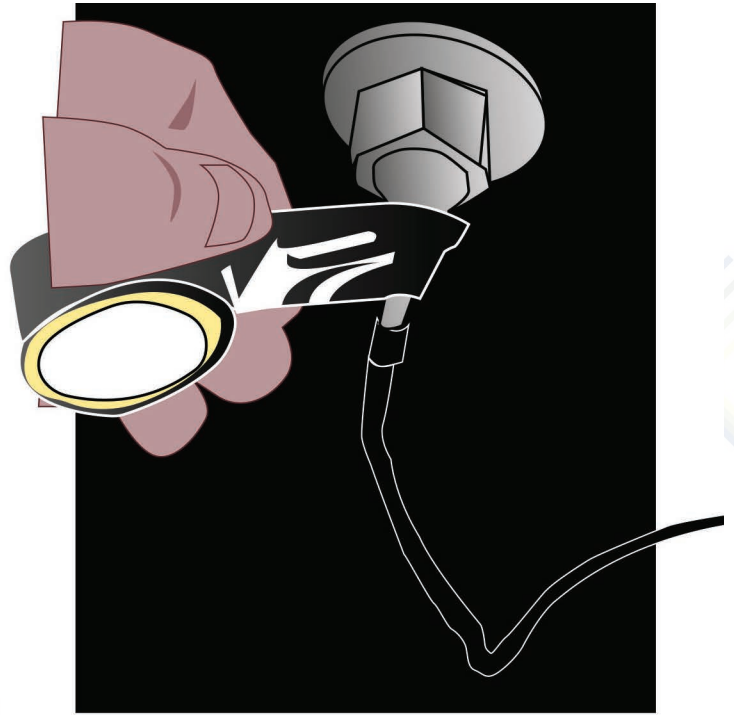
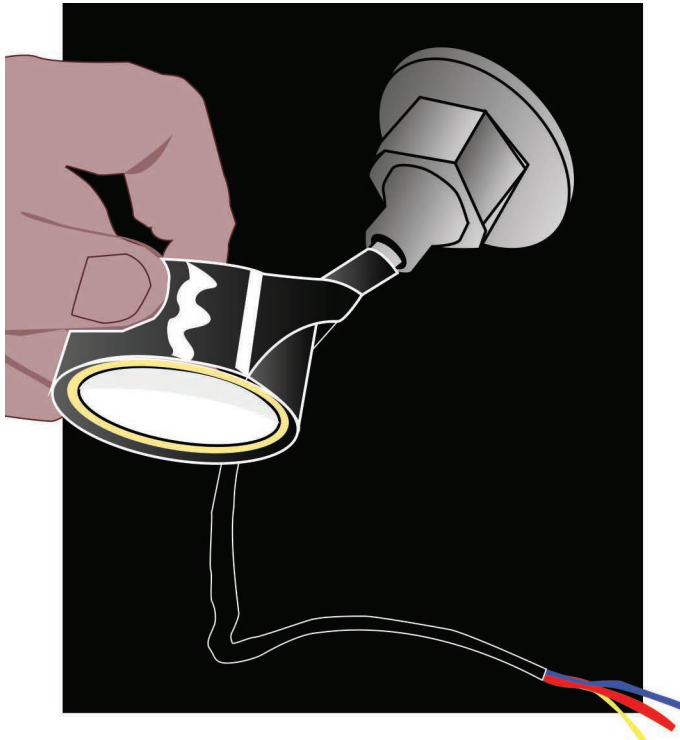


- 2 Insert the temperature probe fully inside of the thermowell until it bottoms out.**



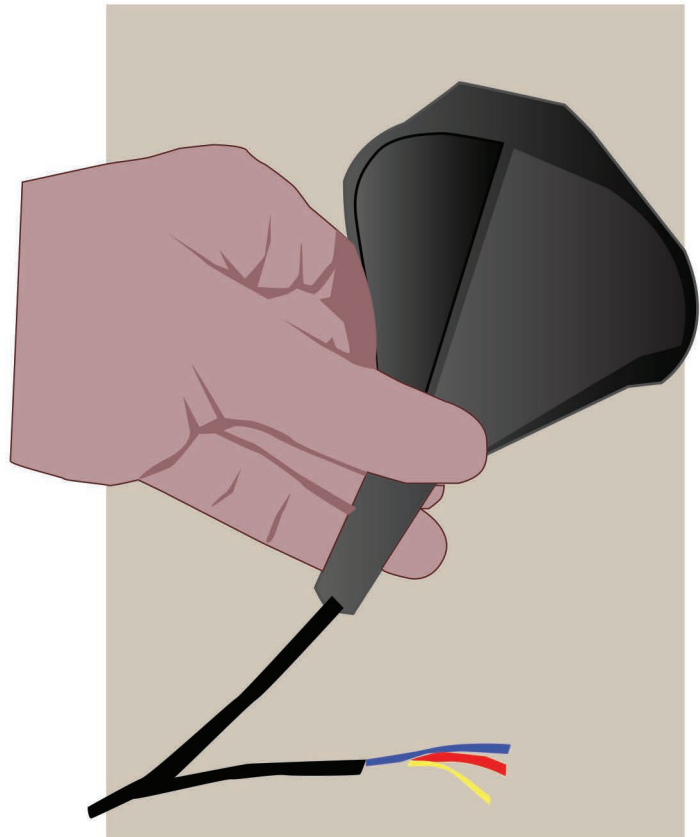
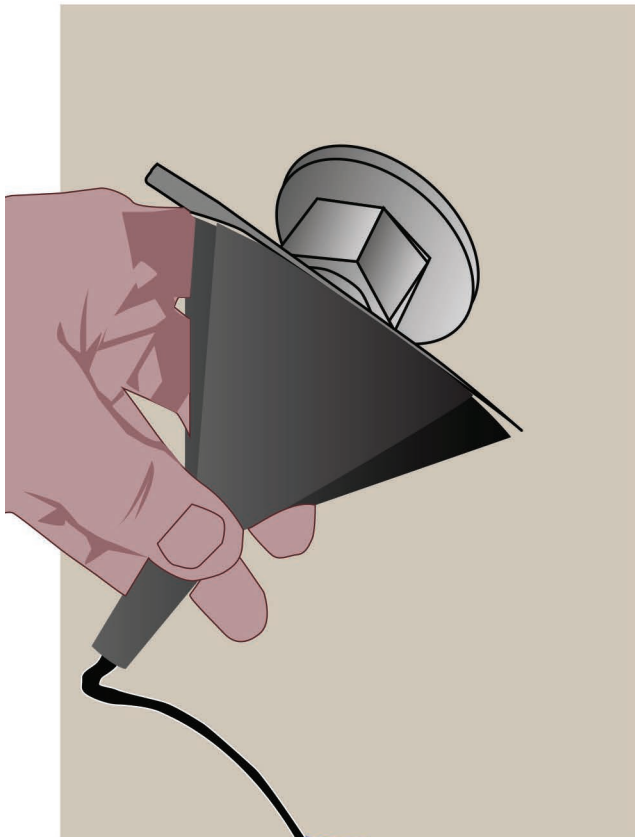
3

Tape the probe to the thermowell so that it does not move and cannot fall out of the thermowell.



4

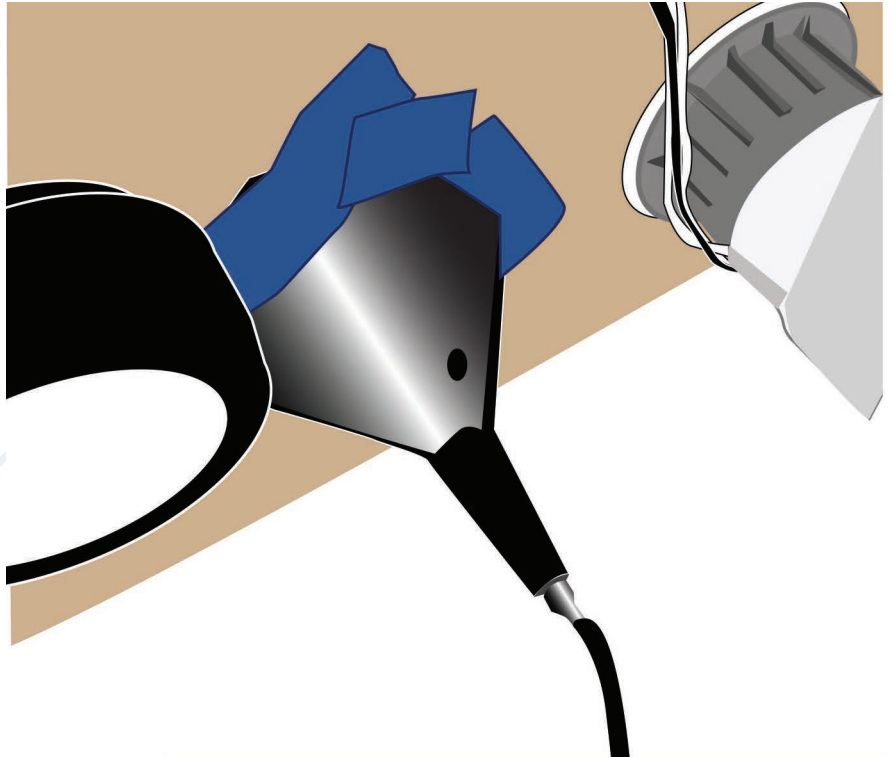
Run the funnel up over the thermowell and position so that you can see and access the foam fill hole.



5

Tape or glue the the funnell to the side wall of the float tank.

Try to make sure to keep the funnel centered with the thermowell to ensure even distribution of foam around the sensor.

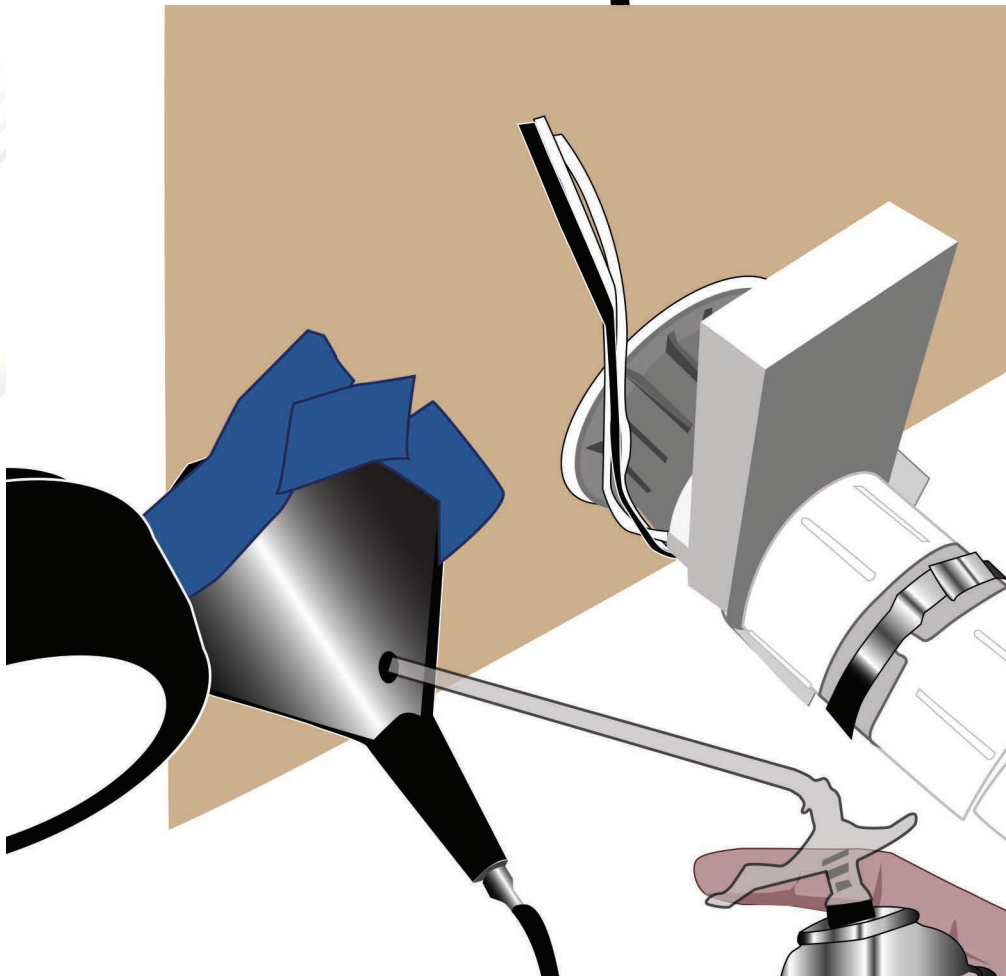


5

Insert and inject foam through the hole on the side of the funnel.

Make sure to fill the entire funnel with foam taking time to allow for expansion.

You can lay a paper towel under the funnel to catch any excess foam.





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