

DESIGNER BATH SUCTION INSTALLATION INSTRUCTIONS

For Model Number: 640-49xx-xx

WARNING



Read and follow all instructions in this owner's manual and on the equipment.
Failure to follow instructions can cause severe injury and/or death.

IMPORTANT SAFETY INSTRUCTIONS

WARNING - SUCTION ENTRAPMENT HAZARD

Suction in suction outlets and/or suction outlet covers which are damaged, broken, cracked, missing, or unsecured can cause severe injury and/or death due to the following entrapment hazards:

Hair Entrapment: Hair can become entangled in suction outlet cover.

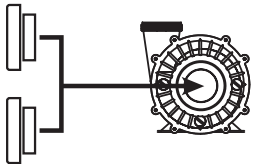
Limb Entrapment: A limb inserted into an opening of a suction outlet sump or suction outlet cover that is damaged, broken, cracked, missing, or not securely attached can result in a mechanical bind or swelling of the limb.

Body Suction Entrapment: A negative pressure applied to a large portion of the body or limbs can result in an entrapment.

Evisceration / Disembowelment Entrapment: A negative pressure applied directly to the intestines through an unprotected suction outlet sump or suction outlet cover which is damaged, broken, cracked, missing, or unsecured can result in evisceration / disembowelment entrapment.

Mechanical Entrapment: There is potential for jewelry, swimsuit, hair decorations, finger, toe, or knuckle to be caught in an opening of a suction outlet cover resulting in mechanical entrapment.

TO REDUCE THE RISK OF ENTRAPMENT HAZARDS:



- A minimum of two functioning suction outlets per pump must be installed. Suction outlets in the same plane (i.e. floor or wall) must be installed a minimum of three feet (3') / 1 meter apart, as measured from suction pipe center to suction pipe center.
- Dual suction fittings shall be placed in such locations and distances to avoid "dual blockage" by a user.

- Dual suction fittings shall not be located on seating areas or on the backrest for such seating areas.
- The maximum system flow rate shall not exceed the flow rating of any listed suction outlet cover installed. In the event of one suction outlet being completely blocked, the remaining suction outlets serving the system shall have a flow rating capable of the full flow of the pump(s).
- Never use a pool or spa if any suction outlet component is damaged, broken, cracked, missing, or not securely attached.
- Replace damaged, broken, cracked, missing, or not securely attached suction outlet components immediately.
- Installation of a vacuum release system, which relieves entrapping suction, recommended.

DESIGNER BATH SUCTION INSTALLATION INSTRUCTIONS

For Model Number: 640-49xx-xx

WARNING



Read and follow all instructions in this owner's manual and on the equipment.
Failure to follow instructions can cause severe injury and/or death.

IMPORTANT SAFETY INSTRUCTIONS

WARNING - SUCTION ENTRAPMENT HAZARD

Suction in suction outlets and/or suction outlet covers which are damaged, broken, cracked, missing, or unsecured can cause severe injury and/or death due to the following entrapment hazards:

Hair Entrapment: Hair can become entangled in suction outlet cover.

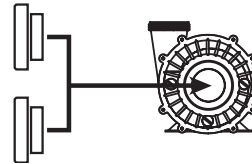
Limb Entrapment: A limb inserted into an opening of a suction outlet sump or suction outlet cover that is damaged, broken, cracked, missing, or not securely attached can result in a mechanical bind or swelling of the limb.

Body Suction Entrapment: A negative pressure applied to a large portion of the body or limbs can result in an entrapment.

Evisceration / Disembowelment Entrapment: A negative pressure applied directly to the intestines through an unprotected suction outlet sump or suction outlet cover which is damaged, broken, cracked, missing, or unsecured can result in evisceration / disembowelment entrapment.

Mechanical Entrapment: There is potential for jewelry, swimsuit, hair decorations, finger, toe, or knuckle to be caught in an opening of a suction outlet cover resulting in mechanical entrapment.

TO REDUCE THE RISK OF ENTRAPMENT HAZARDS:



- A minimum of two functioning suction outlets per pump must be installed. Suction outlets in the same plane (i.e. floor or wall) must be installed a minimum of three feet (3') / 1 meter apart, as measured from suction pipe center to suction pipe center.
- Dual suction fittings shall be placed in such locations and distances to avoid "dual blockage" by a user.

- Dual suction fittings shall not be located on seating areas or on the backrest for such seating areas.
- The maximum system flow rate shall not exceed the flow rating of any listed suction outlet cover installed. In the event of one suction outlet being completely blocked, the remaining suction outlets serving the system shall have a flow rating capable of the full flow of the pump(s).
- Never use a pool or spa if any suction outlet component is damaged, broken, cracked, missing, or not securely attached.
- Replace damaged, broken, cracked, missing, or not securely attached suction outlet components immediately.
- Installation of a vacuum release system, which relieves entrapping suction, recommended.

WARNING

⚠ Failure to keep suction outlet components clear of debris, such as dirt, hair, paper and other material, can result in an increased potential for suction entrapment as described on the previous page.

⚠ This fitting is rated at 128 GPM with vacuum break tube 2" pipe, 92 GPM and with vacuum break tube and 1 ½" pipe. If the fitting is missing or broken, replace with a fitting of equivalent rating or higher. Use of a lower rated suction fitting could result in entrapment of the body which could result in serious injury including drowning.

⚠ Do not use or operate hydromassage bath if this suction fitting is missing, broken or not secured per instructions. The suction fitting is intended to prevent entrapment of the body. Use of the hydromassage bath with a missing, broken or improperly secured suction grate may result in serious personal injury including drowning.

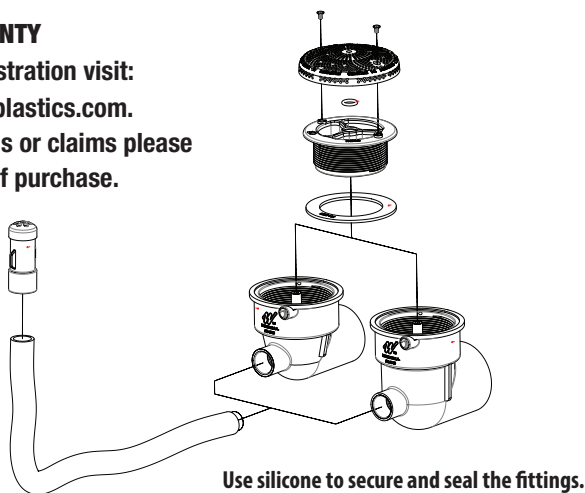
⚠ When the hydromassage bath is in operation, suction is created at this fitting. Users of the hydromassage bath must be instructed not to come in contact with this fitting in such a way as to block its suction opening. If a user of the hydromassage bath blocks this fitting with his/her body, serious personal injury or drowning may occur.

⚠ This is a PVC to PVC connection. Improper gluing or improper cement selection can cause leaks at glued connection which can result in property damage.

WARRANTY

For product registration visit:
www.waterwayplastics.com.

For Warranty questions or claims please
contact point of purchase.



©2025 Waterway Plastics



waterway™

2200 East Sturgis Road, Oxnard CA 93030 • Phone 805.981.0262 • Fax 805.981.9403
www.waterwayplastics.com • waterway@waterwayplastics.com

810-1110.0425

WARNING

⚠ Failure to keep suction outlet components clear of debris, such as dirt, hair, paper and other material, can result in an increased potential for suction entrapment as described on the previous page.

⚠ This fitting is rated at 128 GPM with vacuum break tube 2" pipe, 92 GPM and with vacuum break tube and 1 ½" pipe. If the fitting is missing or broken, replace with a fitting of equivalent rating or higher. Use of a lower rated suction fitting could result in entrapment of the body which could result in serious injury including drowning.

⚠ Do not use or operate hydromassage bath if this suction fitting is missing, broken or not secured per instructions. The suction fitting is intended to prevent entrapment of the body. Use of the hydromassage bath with a missing, broken or improperly secured suction grate may result in serious personal injury including drowning.

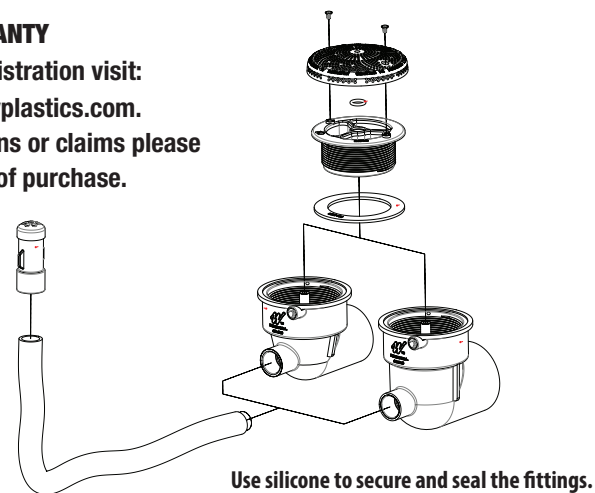
⚠ When the hydromassage bath is in operation, suction is created at this fitting. Users of the hydromassage bath must be instructed not to come in contact with this fitting in such a way as to block its suction opening. If a user of the hydromassage bath blocks this fitting with his/her body, serious personal injury or drowning may occur.

⚠ This is a PVC to PVC connection. Improper gluing or improper cement selection can cause leaks at glued connection which can result in property damage.

WARRANTY

For product registration visit:
www.waterwayplastics.com.

For Warranty questions or claims please
contact point of purchase.



©2025 Waterway Plastics



waterway™

2200 East Sturgis Road, Oxnard CA 93030 • Phone 805.981.0262 • Fax 805.981.9403
www.waterwayplastics.com • waterway@waterwayplastics.com

810-1110.0425