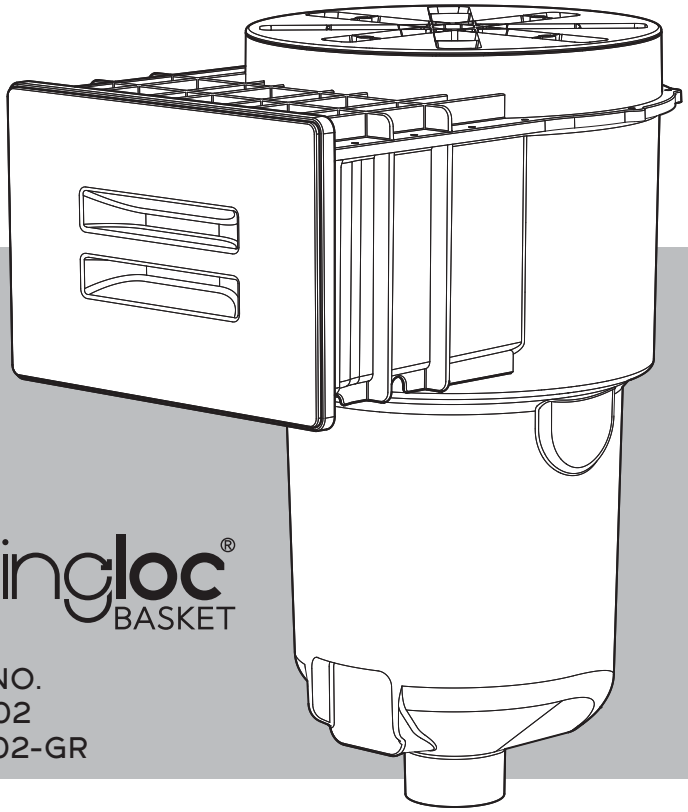
AQUEA

SKIMMER

INSTALLATION & CARE GUIDE



with swingloc® BASKET

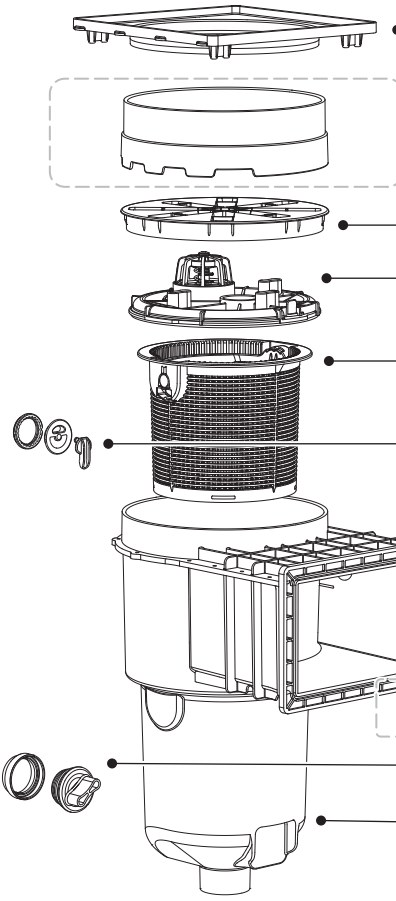
PART NO.
549-202
549-202-GR

CONCRETE
MODEL CONC

NOTE

1. READ THIS DOCUMENT PRIOR TO INSTALLATION. IMPROPER INSTALLATION WILL VOID WARRANTY.
2. PRODUCT ONLY TO BE INSTALLED & SERVICED BY A SUITABLY QUALIFIED PROFESSIONAL.
3. INSTALLER TO ENSURE INSTALLATION MEETS ALL ENGINEERING & REGULATORY REQUIREMENTS.
4. POOL PUMP SUCTION IS DANGEROUS. ENTRAPMENT AGAINST SUCTION OUTLETS CAN CAUSE DROWNING OR SERIOUS INJURY. DO NOT OPERATE THE PUMP UNLESS ALL SUCTION OUTLETS ARE CORRECTLY INSTALLED AND FUNCTIONING. NEVER SIT ON OR LEAN AGAINST SUCTION OUTLETS.
5. THIS MANUAL CONTAINS IMPORTANT INFORMATION. ONCE INSTALLATION IS COMPLETE INSTALLER MUST PROVIDE THIS MANUAL TO OWNER/OPERATOR TO STORE IN A SAFE PLACE.

PARTS LIST



11 **V-LOCK® Adapter Collar Kit***
P/N:549-218 or 549-218-LG

10 **Extension Collar (OPTIONAL)***
P/N:549-419 or 549-419-LG

9 **Construction Lid**
P/N:549-412

8 **SkimTrol***
P/N:549-205

7 **SWINGLOC® Basket***
P/N:549-204

6 **Overflow Valve Kit***
P/N:549-215

5 **Weir Door***
P/N: 549-203 or 549-203-GR

4 **Weir Door Pivots***
Replacement Kit
P/N: 549-406

3 **Front Construction Cap**
P/N:549-413

2 **Pressure Test Kit***
P/N:549-214

1 **Body**
P/N: 549-402 or 549-402-GR

*Spare Parts Available (Sold Separately)

X Included in Skimmer Kit
P/N: 549-202

X Optional Accessory
(for purchase separately)

LG - **LIGHT GREY** parts
GR - **GREY** parts



⚠ SAFETY FIRST ⚠

PLEASE ENSURE SUITABLE PERSONAL PROTECTION EQUIPMENT AND SAFE WORK PRACTICES ARE USED.

Ref: 549-8020-02

INSTALLATION

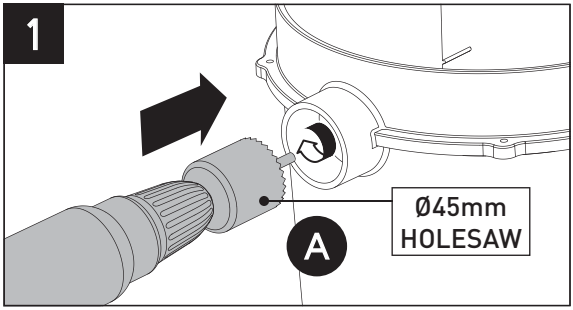
⚠ IMPORTANT - READ BEFORE INSTALLATION

1. **ENSURE SKIMMER IS FITTED WITH A 'CHILD-RESISTANT LID' COMPLIANT WITH AS1926.3-2010, SUCH AS AN AQUEA V-LOCK® LID PRIOR TO INSPECTION OR USE.**
2. **Skimmer Body is constructed of ABS.** When bonding PVC pipe to skimmer, **PVC PRIMER & P-TYPE PVC PIPE CEMENT MUST BE USED** to ensure compatibility and joint reliability. **NOTE:** Some PVC jointing compounds are incompatible with ABS - Check compound suitability prior to use.
3. Verify that all components listed in PARTS LIST (Page 1) are included in carton.
4. Improper installation or use of this product may increase risk of hair or body entrapment, leading to injury or drowning. Install only in accordance with the supplied instructions and AS1926.3-2010 (or applicable local regulations).
5. Use only PVC fittings or the supplied AQUEA components to seal skimmer ports. The use of metal fittings may damage the skimmer and void warranty.
6. The installer is responsible for ensuring that all pipe connections & joins are structurally sound and free from leakage or pressure loss.
7. Maximum skimmer flow rate at minimum water level (marked on throat side wall) is 375 L/min.

INSTALLATION TIPS

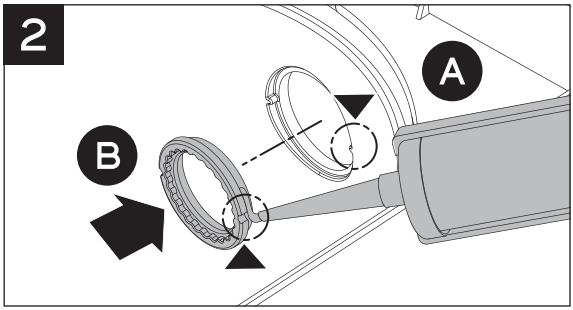
1. For optimal skimming performance, position the skimmer downwind of the prevailing wind and in line with water flow direction in pool.
2. Top of skimmer throat opening must be at least 75mm below top of pool wall.
3. Top of skimmer must be horizontal.
4. Ensure all piping and fittings connected to the skimmer comply with all relevant engineering and regulatory requirements.
5. For hydraulic efficiency, avoid long pipe runs & excessive changes in piping direction. Use the largest suitable pipe diameter.
6. Ground surrounding the skimmer must be properly backfilled and packed to prevent distortion of skimmer. Using heavy machinery for this task is not recommended.
7. Securely support the skimmer prior to concreting to ensure the skimmer and connected pipework remain free from load or stress. Take care during concreting or shotcrete not to apply pressure, strain, or distortion to any component.
8. Concrete surrounding skimmer must be properly reinforced.
9. If the Skimmer Lid is to be installed higher than top rim of skimmer AQUEA recommends using an extension collar or V-LOCK® Adapter Collar.
10. Use Construction Lid & Front Cap to keep skimmer free of debris during construction.

INSTALLATION - OPTIONAL OVERFLOW VALVE



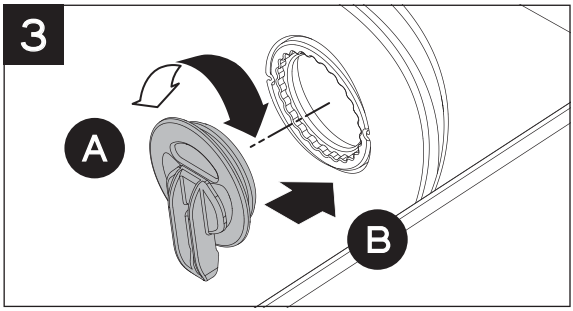
To prepare overflow socket:

- Using a suitable **Ø45mm** holesaw, carefully drill out overflow socket.(A)
- Deburr sharp edges on both sides of hole.



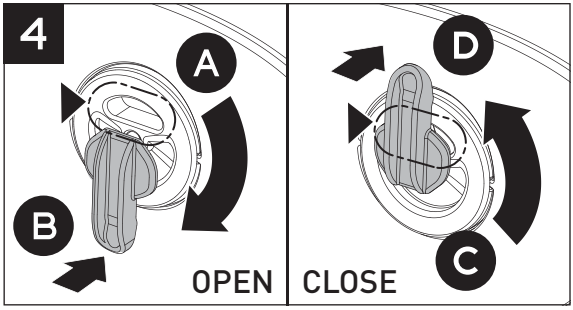
To assemble Valve Outer Ring:

- After connecting overflow pipework to external socket, carefully apply silicone to rear external diameter of Outer Ring. (A)
- Align recesses in Outer Ring with lugs and insert Outer Ring into internal socket recess. (B)
- Remove any excess silicone and allow to fully cure.



To fit Valve Grommet:

- Rotate Valve Grommet opening to desired water line. (A)
- Firmly push Valve Grommet into Outer Ring until it clips fully into place. (B)



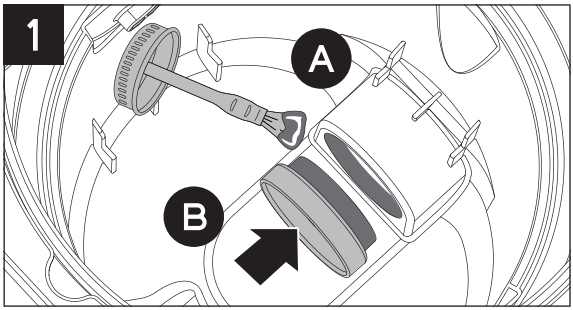
TO OPEN OVERFLOW VALVE

- Disengage Valve Lever lug from Grommet opening and rotate Lever to fully expose. (A)
- Push Lever into recess to stow. (B)

TO CLOSE OVERFLOW VALVE

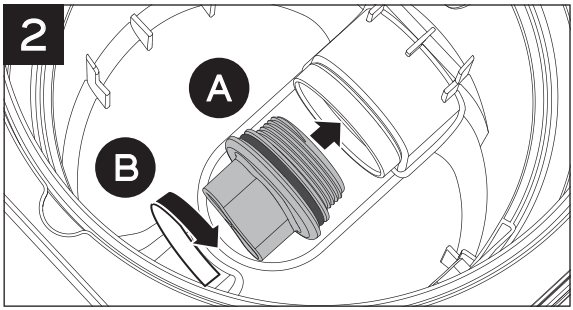
- Rotate Valve Lever over opening in Grommet. (C) Push Lever to fully engage lug in Grommet opening. (D)

INSTALLATION - OPTIONAL PRESSURE TEST KIT



To attach Pressure Cap Adapter:

- Apply PVC primer and P-Type PVC pipe cement to smaller outside diameter of Pressure Cap Adapter and inside diameter of rear socket in Body (A).
- Insert Pressure Cap Adapter into Body's internal socket. Ensure joint is fully sealed. (B)

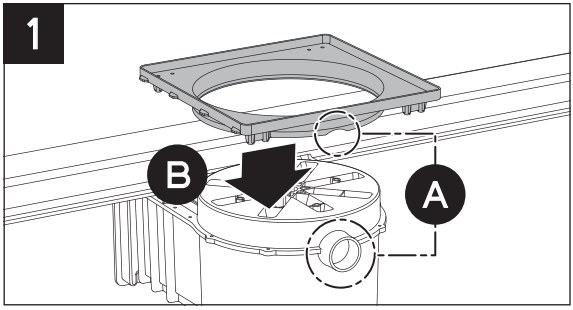


To insert Pressure Test Cap:

- Check o-ring is seated securely in groove around Cap. (A)
- After cement fully cures, carefully screw Pressure Test Cap into the Adapter. Tighten Cap until the o-ring seals within Adapter. (B)

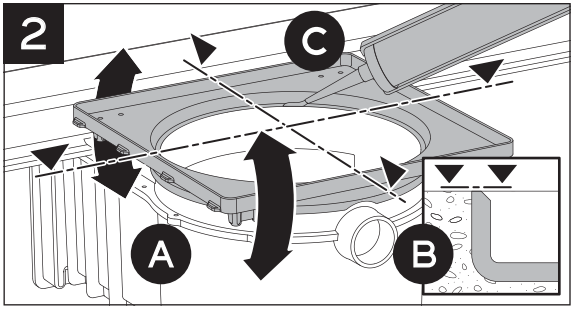
HAND TIGHTEN ONLY. USE OF TOOLS MAY CAUSE DAMAGE & VOID WARRANTY. REMOVE CAP PRIOR TO OPERATING PUMP.

INSTALLATION - V-LOCK ADAPTER COLLAR



To install V-LOCK Adapter Collar:

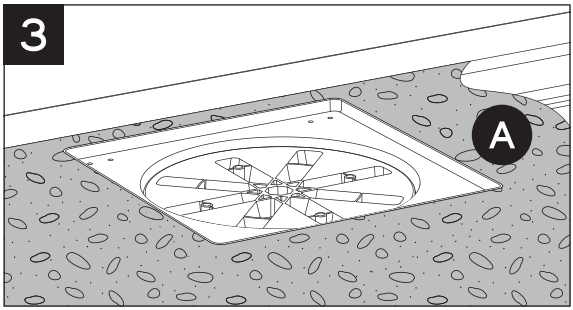
- Align cut-out in bottom edge of Adapter Collar with the skimmer overflow socket (A).
- Lower Adapter Collar over the skimmer top opening (B).



To set Adapter Collar position:

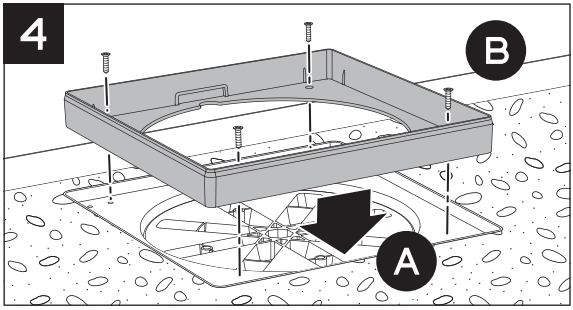
- Adjust height and angle of Adapter Collar (A) until the top rim is flush with finished concrete level in both directions (B).
- Secure Adapter Collar in position using silicone or an equivalent flexible jointing compound (C).

INSTALLATION - V-LOCK ADAPTER COLLAR (cont.)



To complete Adapter installation:

- Pour concrete around skimmer and V-LOCK Adapter Collar, eliminating all voids. Finish concrete flush with the top rim of the Adapter Collar (A).



To install V-LOCK Outer Frame:

- Lower Outer Frame into Adapter Collar recess (A).
- Secure Outer Frame using the four screws supplied(B).

TIGHTEN BY HAND ONLY.
USE OF POWER TOOLS MAY CAUSE DAMAGE & VOID WARRANTY.

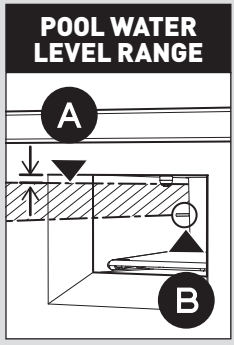
OPERATION

⚠ IMPORTANT - READ BEFORE OPERATION

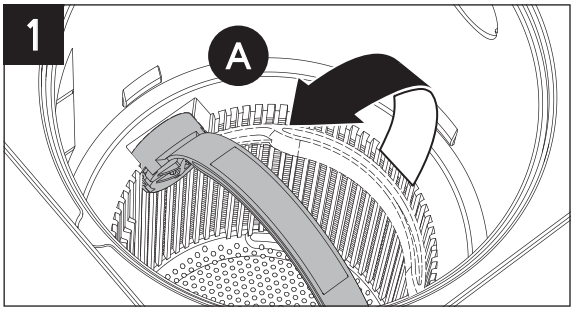
1. **ALWAYS SWITCH OFF PUMP BEFORE OPENING OR ACCESSING SKIMMER.**
2. Skimmer only to be used by a capable adult. Do not allow children to use skimmer.
3. Do not permit air to enter the pool recirculation system. It may cause equipment failure and result in injury or property damage.

OPERATION TIPS

1. Check and empty skimmer basket regularly (at least weekly) to prevent water flow restriction or basket blockage.
2. If installed, keep Overflow Valve open to control pool water level unless there is a specific, temporary need to close it.
3. To ensure safe, reliable skimming action maintain pool water level between the following limits:
   - At least 20 mm below the top of the skimmer throat. (A)
   - Above minimum waterline mark on inside of skimmer. (B)



OPERATION - BASKET USAGE

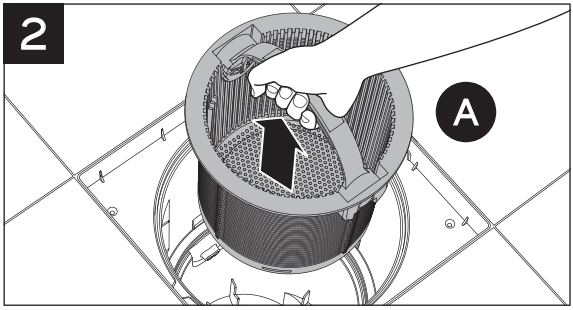


TO REMOVE BASKET

SWITCH OFF PUMP BEFORE STARTING

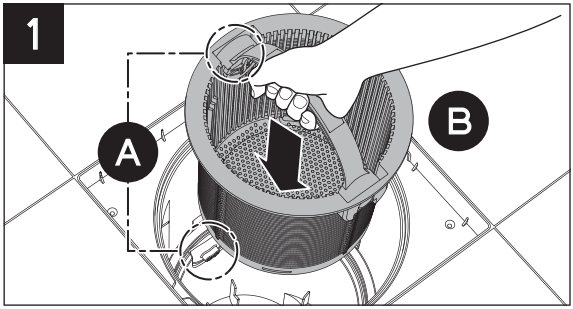
To unlock Basket:

- Rotate and click Basket Handle into vertical 'lifting' position. (A)



To remove Basket:

- Carefully lift basket out of skimmer (A). Remove leaves and debris and clean basket prior to reloading into skimmer.

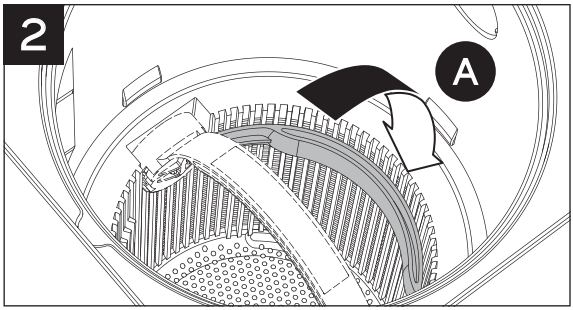


TO INSERT BASKET

SWITCH OFF PUMP BEFORE STARTING

To insert Basket:

- Align Basket Handle ends with sockets inside skimmer (A)
- Lower Basket into skimmer until Basket rim rests on internal step in skimmer. (B)

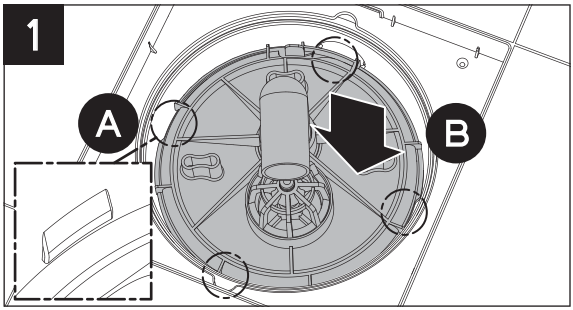


To lock Basket:

- Carefully rotate and click Basket Handle into horizontal 'locked' position. (A)

DO NOT USE EXCESSIVE FORCE TO ROTATE HANDLE INTO LOCKED POSITION.

OPERATION - TO USE SKIMTROL*

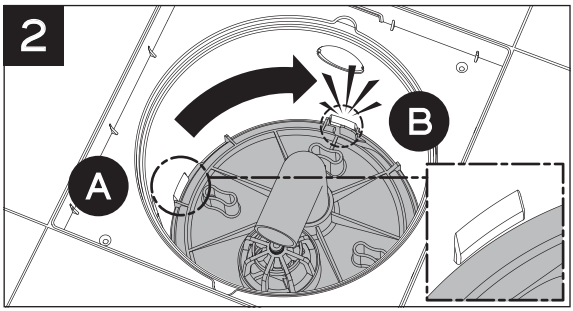


TO INSERT SKIMTROL

SWITCH OFF PUMP BEFORE STARTING

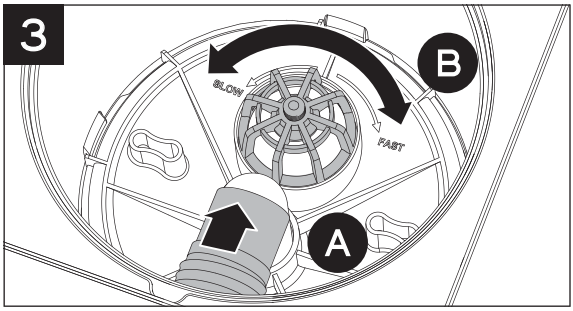
To insert SkimTrol:

- Align four recesses (A) with corresponding ramps in skimmer and carefully lower SkimTrol onto skimmer's internal step. (B)



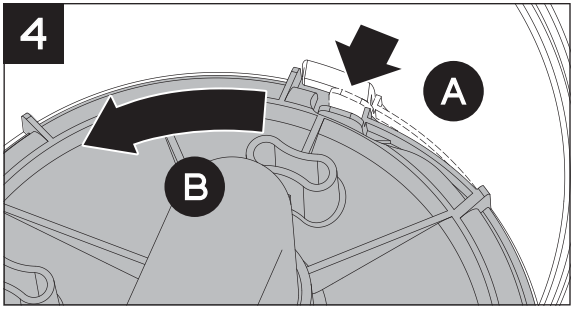
To lock SkimTrol into skimmer:

- Check ramps are sitting above outer rim of Skimtrol. (A)
- Carefully rotate SkimTrol clockwise until locking tab clicks over ramp. (B)



To adjust vacuum flow:

- Attach vacuum hose to main socket on SkimTrol. (A)*
- Switch on pump.
- Slowly rotate handwheel as marked to adjust vacuum flow to desired level. (B)



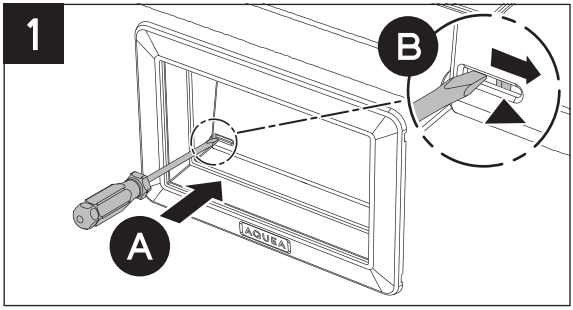
TO REMOVE SKIMTROL

To remove SkimTrol:

- **SWITCH OFF PUMP.**
- Pull locking tab away from ramp to release. (A)
- Rotate SkimTrol anti-clockwise until ramps align with four recesses. Lift SkimTrol out of skimmer. (B)

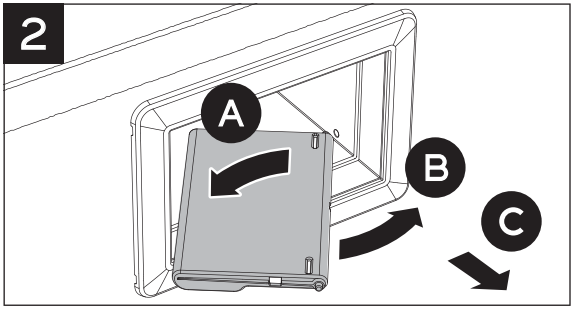
* SkimTrol shown with vacuum hose elbow assembled (not included). If not using elbow, insert hose directly into SkimTrol socket.

OPERATION - REMOVING WEIR DOOR



To retract Pivot Pin:

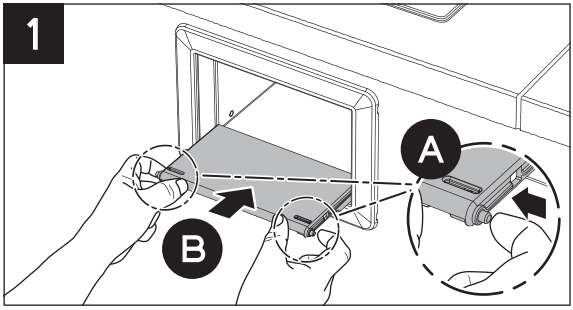
- Insert flat screwdriver into front slot in Weir Door on the outside of Pivot Pin leg (A).
- Slide tool away from side wall until Pivot Pin is fully retracted (B)



To remove Weir Door:

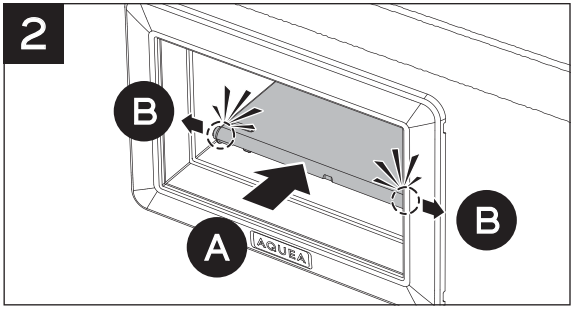
- With Pivot Pin retracted, rotate Weir Door down (A) and swing outward (B) through Skimmer front opening. (C)

OPERATION - INSERTING WEIR DOOR



To retract Pivot Pins:

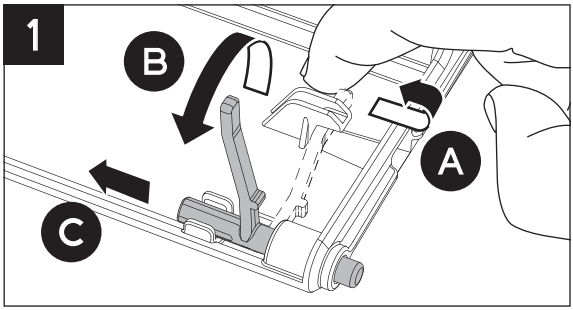
- Use fingertips to push Pivot Pins inward on both sides of Weir Door (A).
- Lay Weir Door flat in front opening of skimmer (B).



To assemble Weir Door:

- Slide Weir Door into opening until Pivot Pins align with circular recesses in skimmer side wall (A).
- Ensure both Pivot Pins click securely into side wall recesses (B). Rotate Weir Door forwards and backwards to confirm it is retained and moves freely.

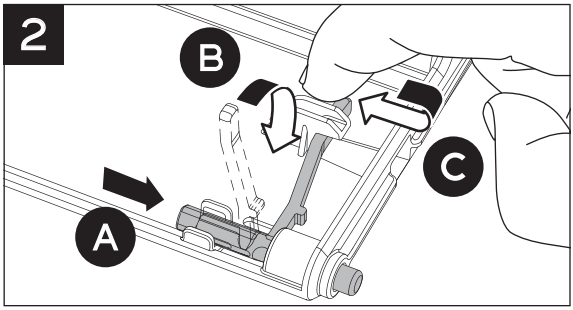
OPERATION - REPLACING WEIR DOOR PIVOTS



TO REMOVE PIVOT PIN

To remove Pivot Pin:

- Using a finger, bend Pivot Pin leg out from under Weir Door's rear hook (A).
- Rotate Pivot Pin 90° (B), and slide out of Weir Door socket (C).



TO INSERT PIVOT PIN

To insert Pivot Pin:

- Position Pivot Pin into Weir Door's rear cradle and slide into socket (A).
- Rotate the Pivot Pin 90° (B). Using a finger, flex Pivot Pin leg and push under Weir Door's rear hook (C).

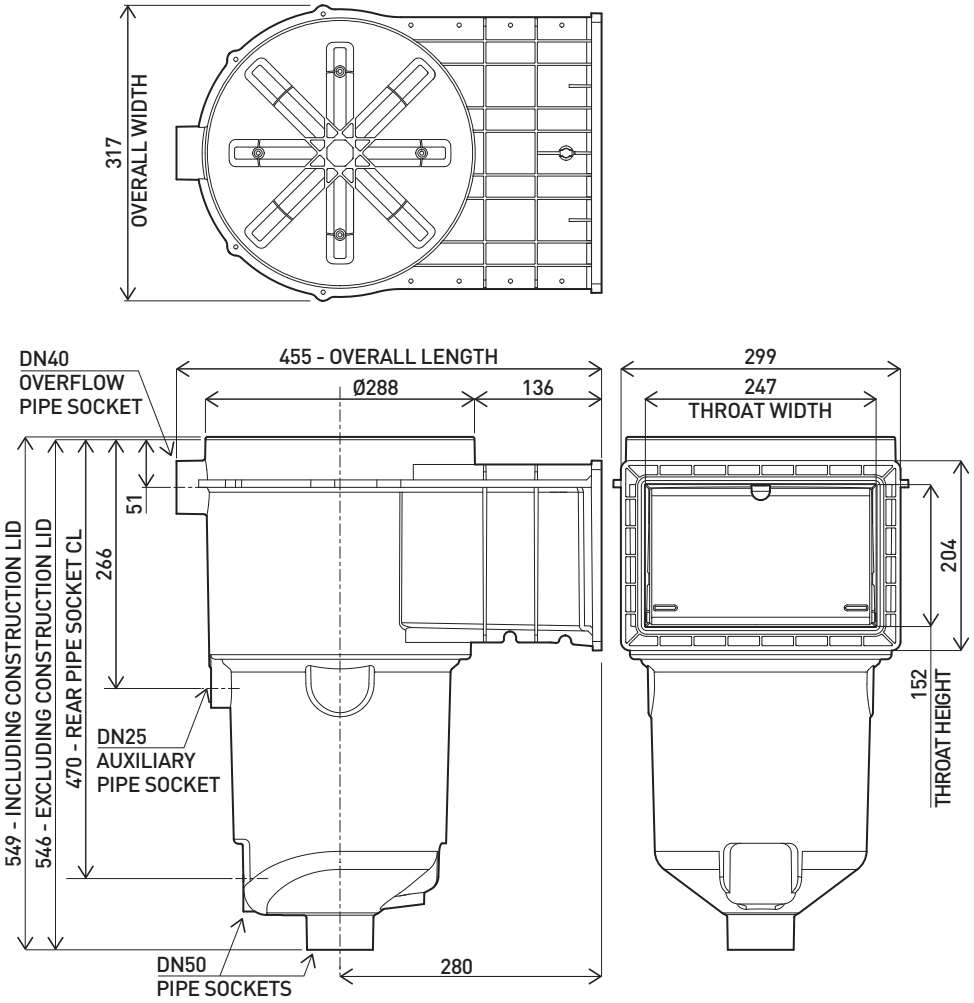
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Although this guide has been prepared with due care, AQUEA accepts no responsibility for accuracy of the information supplied.

Specifications subject to change without notice.

DIMENSIONS



ALL DIMENSIONS IN mm. TOLERANCE: +/- 1.5mm
Specifications subject to change without notice

AQUEA WARRANTY POLICY

AUSTRALIA AND NEW ZEALAND
SCAN CODE TO VIEW AQUEA WARRANTY POLICY.

ALL OTHER LOCATIONS
VISIT WWW.AQUEAPRODUCTS.COM FOR MORE INFORMATION.

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BUILD A
BETTER
POOL