

Part in diagram	Description	Art Nr. 57600001
D	Double layer gasket	✓
E	Face plate	✓
F	Skimmer cover	✓
G	Vacuum plate	✓
H	Replacement basket	✓
I	Spring loaded skimmer weir	✓
K	Flat Head Philips screw	14 pcs
M	Skimmer housing	✓
N	Hose adapter (for skimmer housing)	✓
O	Lock nut hub	✓
P	Gasket	✓
Q	Hose adapter (for return fitting)	✓
R	Return fitting cover	✓
S	Eyeball screw base	✓
T	Eyeball and screw cover	✓
U	Face plate cover	✓

Art. Nr. 57600001
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UNIVERSAL SKIMMER SET (SMALL MOUTH) INSTALLATION MANUAL

(Read carefully and keep this instruction manual for future reference)

Instruction given below is a general guideline, users should check pool manual for specific requirement of skimmer and return fitting installation on your pool.

WARNING!

- Turn off the pump before removing any accessories from the skimmer.
- Turn off the pump before performing maintenance of the skimmer and the pool filtration system.
- Make sure to use right hose/pipe fitting to connect the skimmer. Recommend to use skimmer valve.
- Before closing the skimmer valve, make sure all other vacuum ports / suction lines are opened.
- Make sure to close the skimmer valve (if available) or turn off the pump when skimmer is not to be used.
- Regularly check the skimmer and its accessories, and replace damaged accessories immediately. Consult your dealer, or qualified pool professional for the proper accessory.
- Turn off the pump before attaching any pool vacuum cleaners to the skimmer
- Never leave the skimmer top open, make sure the skimmer cover is in place.
- Never let children install and operate the skimmer. Never let children play with skimmer accessories.
- Children should wear a swimming cap when using the pool.

NOTE

- Skimmer is used for above ground pool and fits for 32mm (1 ¼in) or 38mm (1 ½in) soft hose connection.
- Recommended water flow up to 25m³/hr.
- For skimmer installation, you will need a drill, razor blade/sharp knife, screw driver, wet towel and Teflon tape.
- Hose adaptor provided fits 32mm (1 ¼in) or 38mm (1 ½in) soft hose (not included). You will need a hose clamp (not included) to secure the hose connection.

Step 1
Skimmer location
and preparation for
skimmer installation

- Locate the position on the pool wall panel for the skimmer. The skimmer location should allow the water level to be approximately at the mid point of the face plate ("E"). Be careful to follow the relevant Panel cut out pattern when locating the skimmer position, and both skimmer body and extension will not interfere with the top coping or the lip of the pool structure.
NOTE: Check if there is any special instruction for skimmer assembly in pool instruction manual. Any question, contact your pool dealer.
- Follow the Panel cut out pattern for spacing details, drill the holes and then cut the opening on the pool wall accordingly.
NOTE: When cutting the pool wall, have someone hold a wet towel on the inside of the pool to catch any metal shavings that may fall into the water.
- Next, locate a desired location on the pool wall for the return fitting **K004**. The cutout should be approximately 20cm (8in) below the desired water level. Cut a 6cm (2 ¾in) diameter circle at the location.
NOTE: When cutting the pool wall, have someone hold a wet towel on the inside of the pool to catch any metal shavings that may fall into the water.
- Remove any burrs that may cut the liner or yourself during assembly.

<p>Step 2 Skimmer installation</p>	<p>Screw the hose adaptor "N" into the bottom of the skimmer housing "M". Use the Teflon tape (not included) as a sealant.</p> <p>CAUTION: Threads may crack if over tightened. Never use any type of glue on the threads.</p> <ul style="list-style-type: none"> Open the edges of the double layer gasket ("D") by pulling aside from the middle and slide it on along the edge of the skimmer opening on the pool wall. Now the edges of the skimmer opening on the pool wall are covered inside the edges of the gasket. Make sure the holes on gasket are aligned with the pre-drilled holes on the pool wall. Align the skimmer housing to the gasket and the pool wall, and fasten with 4 flat head Phillips screws. 4 holes for flat head Phillips screws are located on the top and bottom of the skimmer housing, 2nd hole from each side of housing. Install the pool liner according to the pool instruction. DO NOT cut the holes in the liner at this time. Fill the pool with water up to approximately 5cm (2in) below the return fitting before proceeding to the next steps. Adjust the liner as necessary as pool is filling. <p>NOTE: Check if there is any special instruction on placing liner in pool instruction manual. Any question, contact your pool dealer.</p> <ul style="list-style-type: none"> Align the face plate ("E") to the holes on the double layer gasket, pool wall and skimmer housing. Pay attention that the marking "TOP ↑" on the face plate faces up when assembling the face plate. Apply flat head Phillips screws to all the holes on the face plate to secure the assembly. Now you should have a sandwich of material between face plate and skimmer housing as follows: Face plate 'E', gasket 'D' with its edge covering the liner and pool wall, and finally the skimmer housing "M". Cut the liner along the inside edges of the face plate with a razor blade or sharp knife. <p>WARNING! Make sure you have taken out razor / knife from the pool.</p>
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<p>Step 3 "U", "V" Face Plate Cover installation</p>	<ul style="list-style-type: none"> Align the face plate cover to the bottom of face plate. Ensure that the marking "TOP ↑" on the face plate cover faces upward. After placing the face plate cover on the bottom of the face plate, push the cover completely onto the face plate until the tabs on the back of the cover are secured on the notches of the face plate.
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<p>Step 4 "I" Weir installation</p>	<ul style="list-style-type: none"> Push the tabs on the bottom toward centre to retract the side pin, and align side pin position to the notch on the bottom corner of skimmer housing mouth. Release the tabs to lock the weir in place.
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<p>Step 5 "J" Skimmer support installation</p>	<ul style="list-style-type: none"> Put the skimmer support "J" onto the bottom of the skimmer housing and tighten the screw nut to secure its position.
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<p>Step 6</p>	<ul style="list-style-type: none"> Put replacement basket "H" inside the skimmer and vacuum plate "G" on top of it.
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<p>Step 7</p>	<ul style="list-style-type: none"> Align the 2 slots along the edge of skimmer cover "F" to the tab on the skimmer top opening. Turn the cover anticlockwise until it stops. <p>WARNING! Make sure the pump is turned off before opening the cover. Keep the cover "F" on the skimmer after taking out the basket for cleaning.</p>
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Return Fitting Installation

<p>Step 1</p>	<ul style="list-style-type: none"> Gently press the liner at the circular wall-fitting opening to locate the exact position. Make a circular cutout on the liner approximately 2cm (3/4in) smaller than the opening in the pool wall.
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<p>Step 2</p>	<ul style="list-style-type: none"> Disassemble K004 return fitting.
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<p>Step 3</p>	<ul style="list-style-type: none"> Screw the hose adapter "Q" into the return fitting cover "R" opposite the flange end. Use Teflon tape (not included) as a sealant. Place a piece of gasket "P" on the return fitting "R" and behind the flange. <p>CAUTION: Threads may crack if over tightened. Never use any type of glue on the threads.</p>
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<p>Step 4</p>	<ul style="list-style-type: none"> Insert the hose adapter "Q", which is preassembled with "P" & "R", through the pre-cut holes on the inside face of the pool wall. Now the eyeball side should be inside the pool.
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<p>Step 5</p>	<ul style="list-style-type: none"> Place another gasket "P" over the rear of the hose adapter and then screw the lock nut hub "O" onto the hose adapter to secure the whole assembly.
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Connect your filtration system by connecting the hoses to the hose connector of the skimmer and return fitting. Use hose clamp (not included) to secure the hose connection.

Before you **TURN ON** the pump, make sure the pool is filled with water up to the midway of the face plate.

TURN ON your pump to see if any water leakage from the skimmer and return fitting. If water leakage is found, **TURN OFF** the pump and try below instructions to resolve the problems before contacting your dealer:

- Leakage happens on the connection of wide mouth extension to the skimmer housing: tighten the screws which are recessed in the wide mouth extension.
- Leakage happens on the edge of skimmer housing mouth: tighten the screws on the face plate.
- Leakage happens on the thread connection of hose adaptor to the skimmer housing:
 - Stop the water flow through the skimmer by i) using a plug (not included, purchase it from dealer) to block the outlet hole on the bottom inside the skimmer housing or ii) draining the water level 2.5cm (1in) or 5cm (2in) below the face plate.
 - Unscrew the hose adaptor.
 - Apply more Teflon tape (not included) around the adapter thread and screw it back into skimmer housing.
- Leakage happens on the edge of the lock nut hub: screw the lock nut hub tightly to compress the gasket. If leakage persists, the leakage may happen on thread connection of hose adaptor:
 - Stop the water flow through the return fitting by i) unscrewing the eyeball cover and removing the eyeball, using a plug (not included, purchase it from dealer) to block the hole or ii) draining the water level 2.5cm (1in) or 5cm (2in) below the return fitting.
 - Unscrew the hose adaptor.
 - Apply more Teflon tape (not included) around the hose adapter thread and screw it back onto return fitting.

