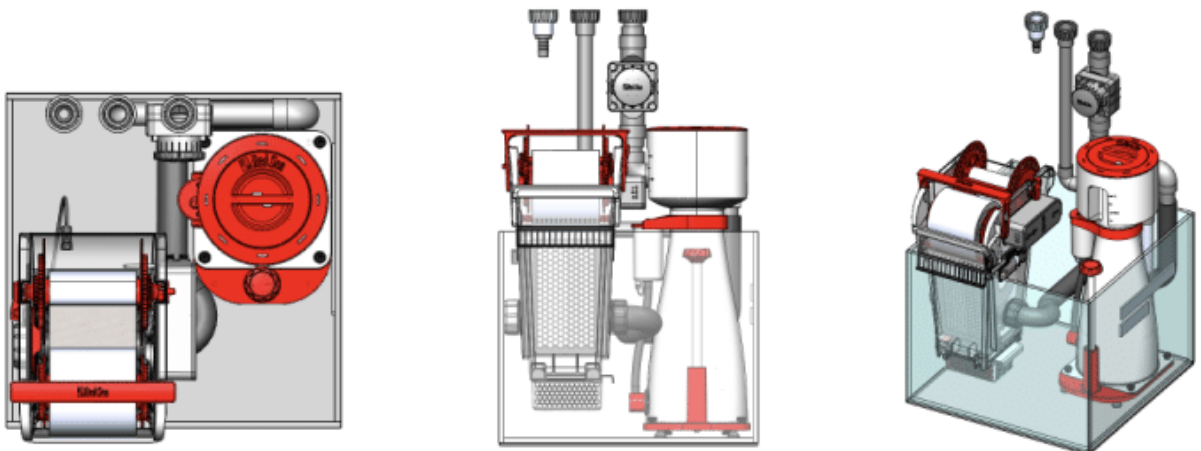


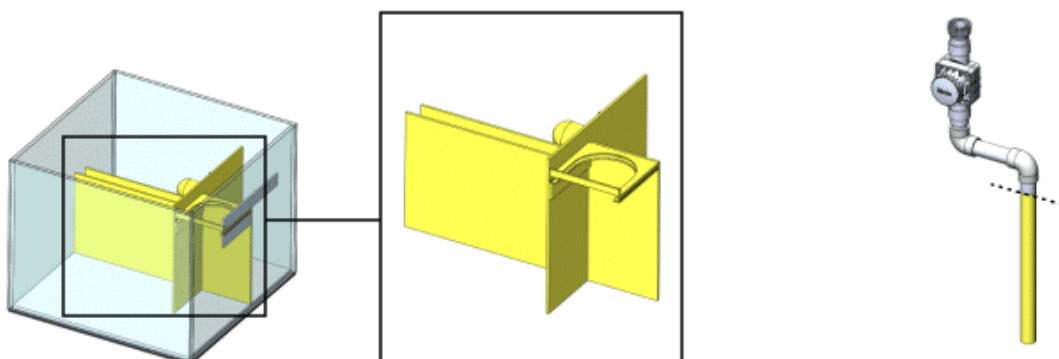
Installing both a ReefMat 500 and a skimmer (RSK-300) in the Reefeer 170 requires modification of the sump and removal of the ATO reservoir.

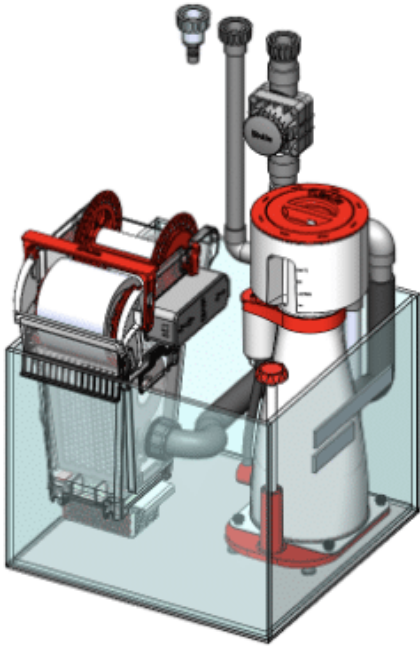
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.
- A ReefMat-ready replacement sump that retains the pump chamber is also available for this model.

Equipment layout



Required modification

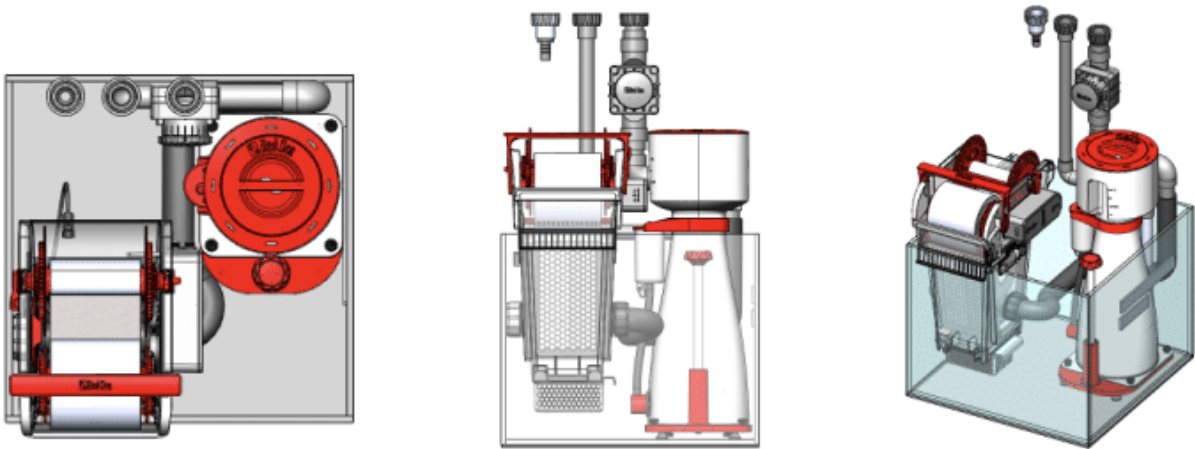




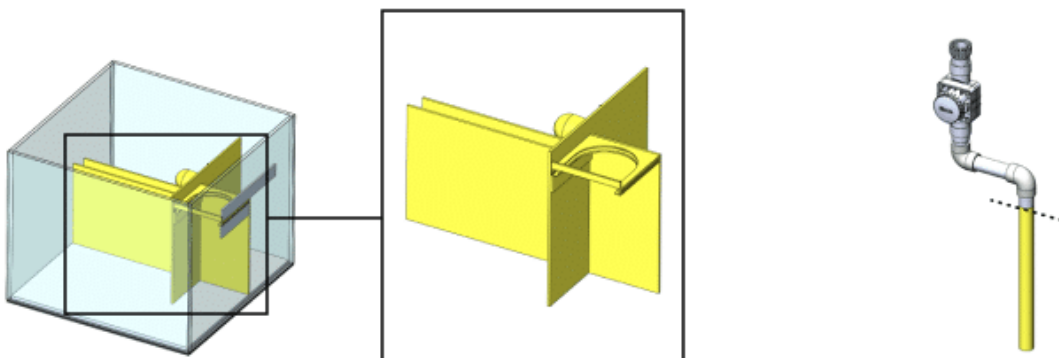
Installing both a ReefMat 500 and a skimmer (RSK-300) in the Reef 200 requires modification of the sump and removal of the ATO reservoir.

- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.
- A ReefMat-ready replacement sump that retains the pump chamber is also available for this model.

Equipment layout

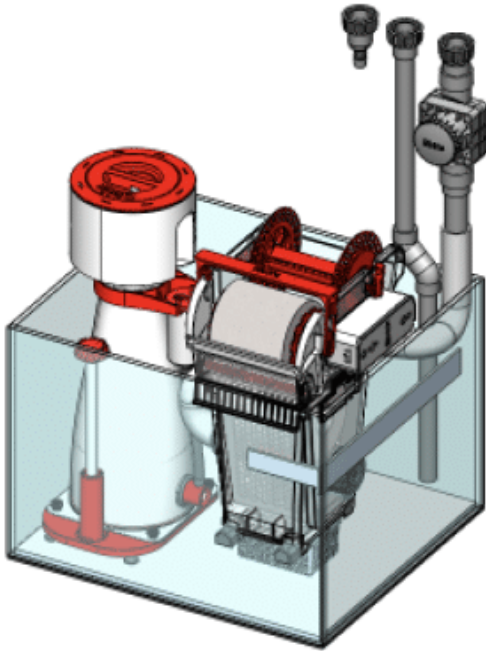


Required modification



– REEFER 250

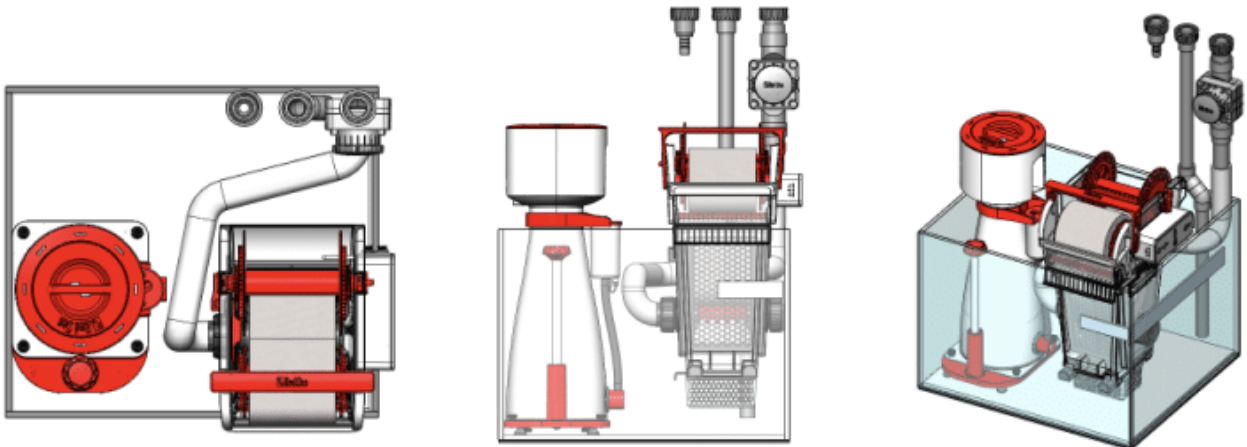
(serial numbers up to 17999)



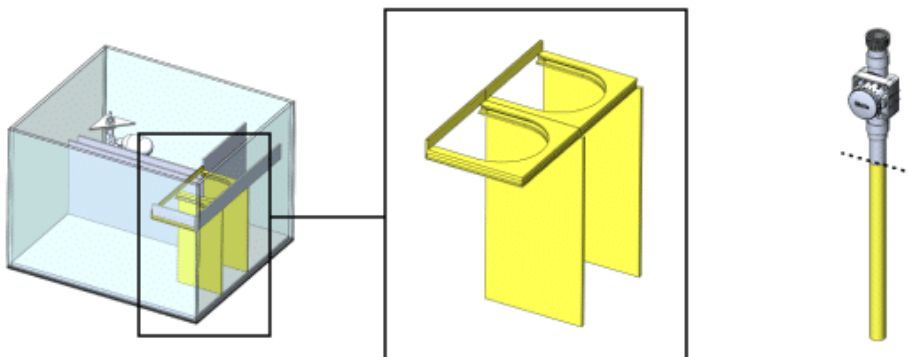
Installing both a ReefMat 500 and a skimmer (RSK-300) in the Reef 250 requires modification of the sump and removal of the AT0 reservoir.

- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

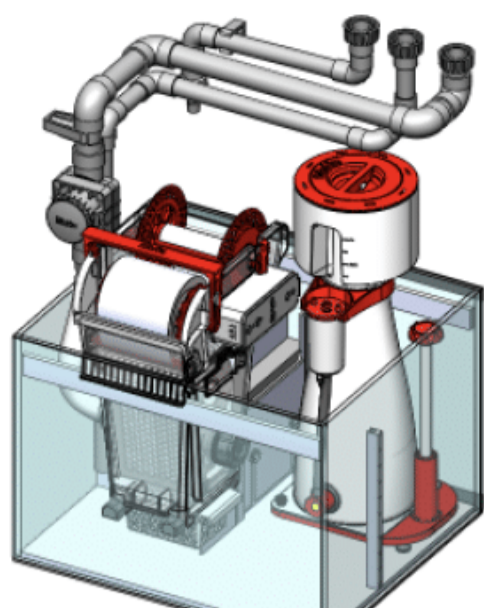
Equipment layout



Required modification

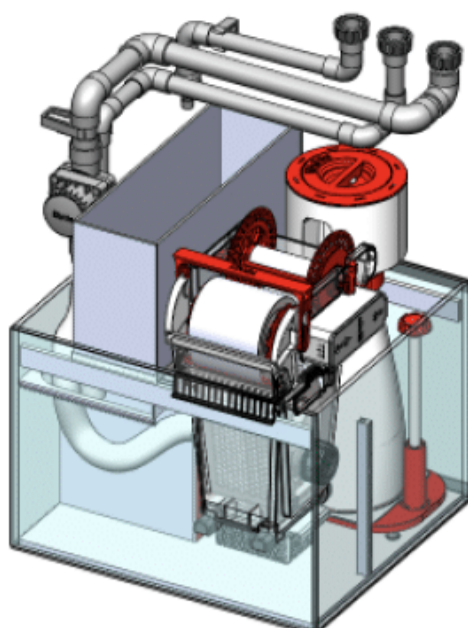


(serial numbers 18000 up to xxxxx)



Recommended

Option 1
Ease of operation



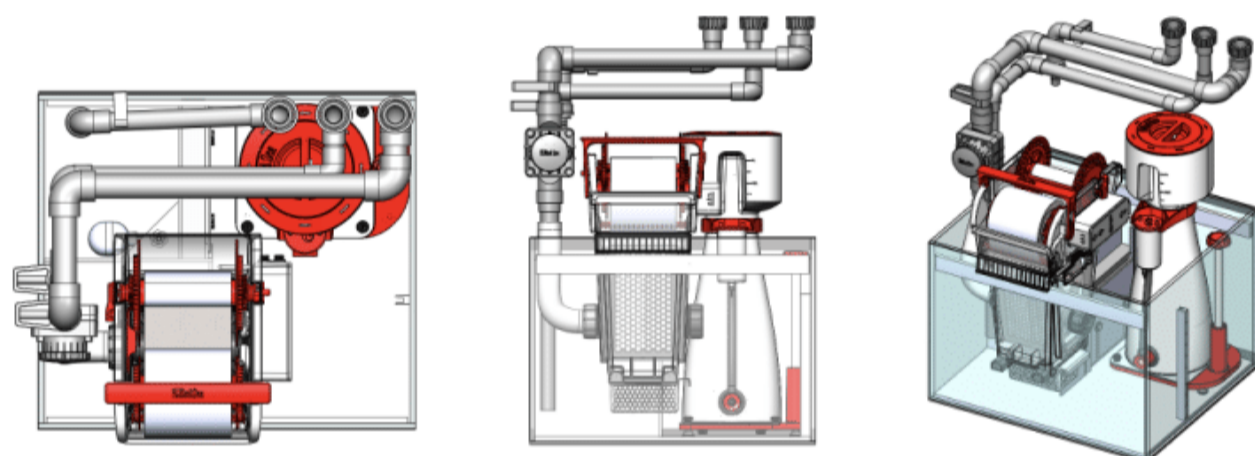
Option 2
With reservoir

Option 1 – Easy of operation

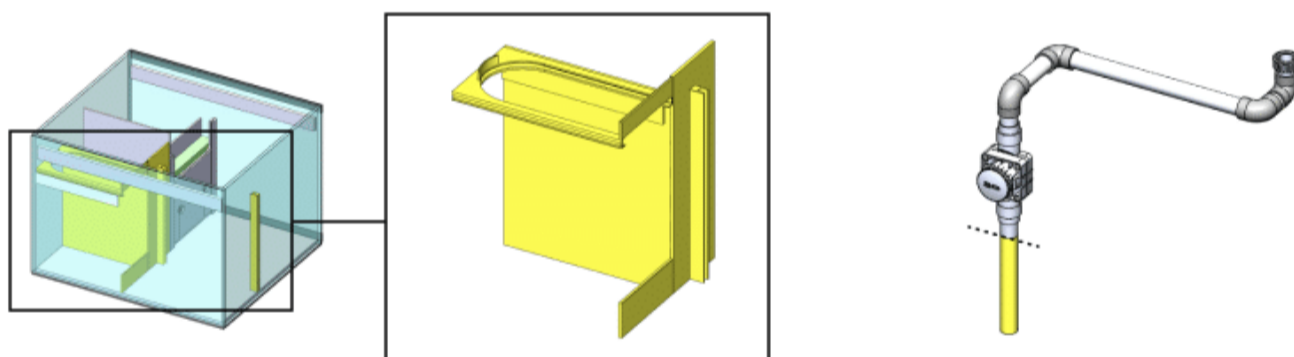
This installation option gives optimal access to the skimmer (RSK-300) and the ReefMat 500 media basket.

- This requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

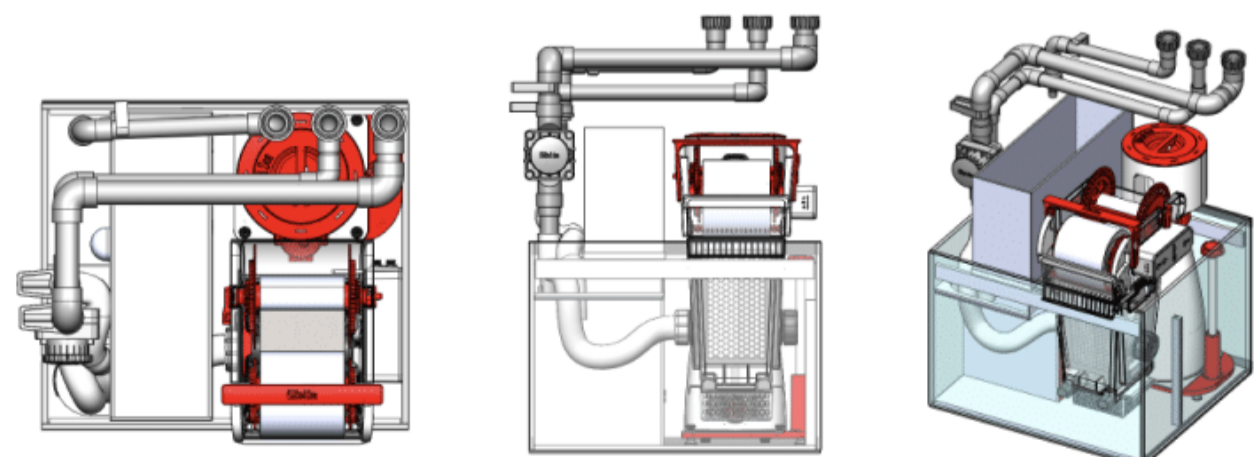


Option 2 – with reservoir

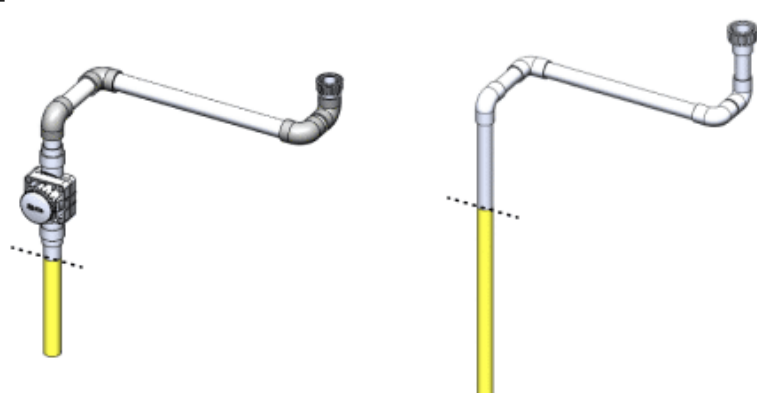
This installation option allows the sump and reservoir to be used without any modification, however, the skimmer (RSK-300) will be difficult to maintain, the ReefMat 500 media basket will only be accessible through the filter chamber, and there will be no room for any other equipment or a refugium.

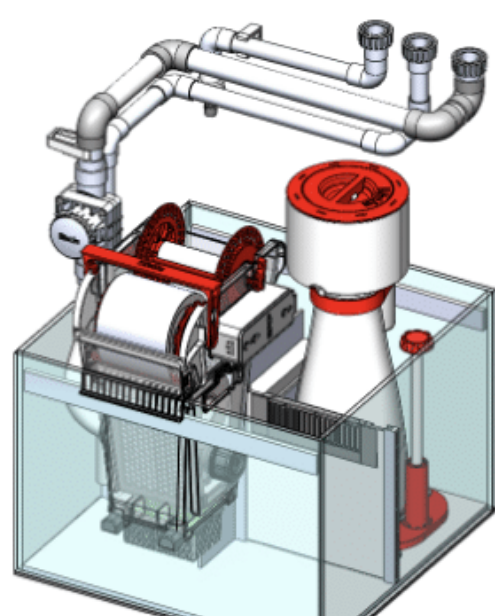
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



Required modification

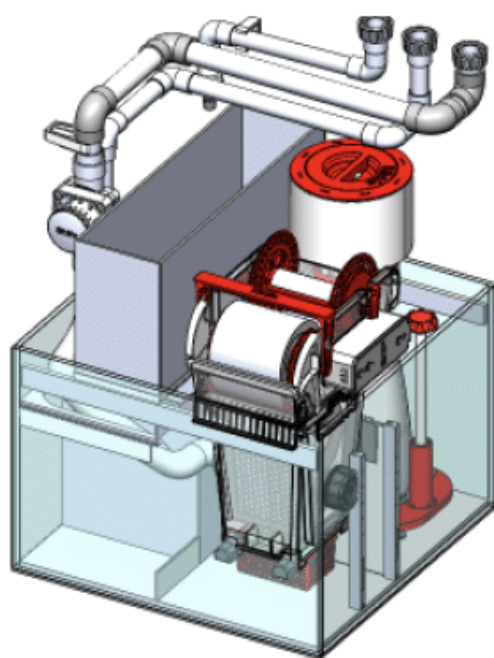




Recommended

Option 1

Ease of operation



Option 2

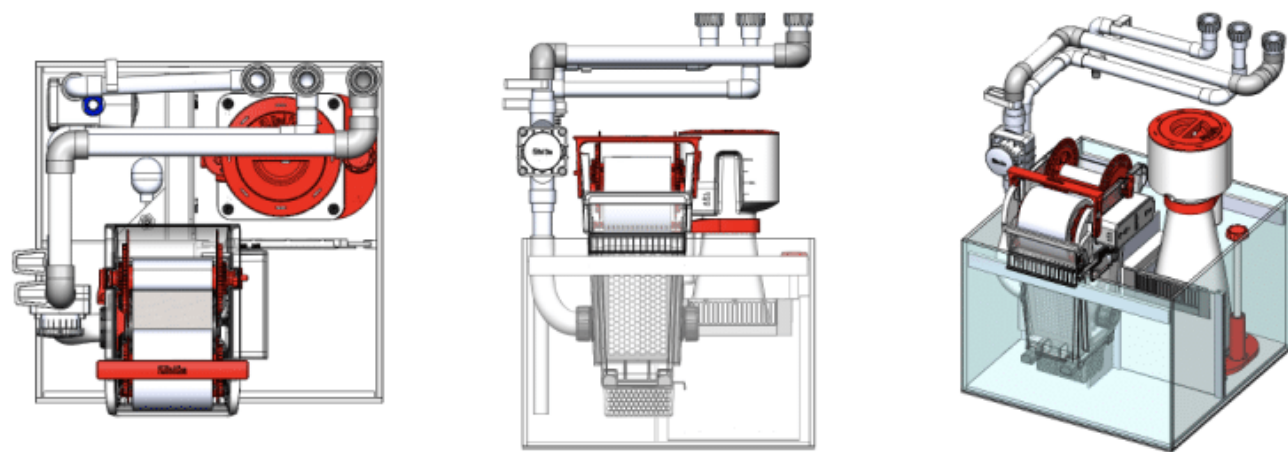
With reservoir

Option 1 – Easy of operation

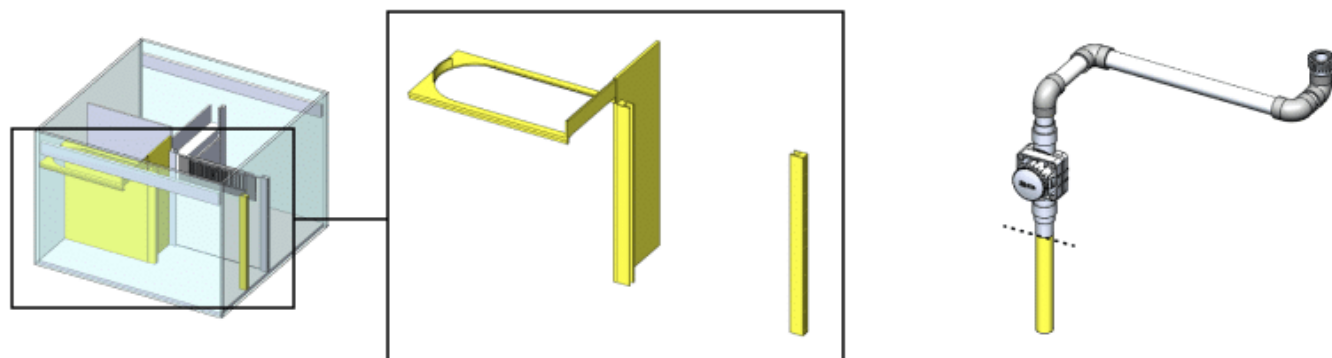
This installation option gives optimal access to the ReefMat 500 media basket and Skimmer (RSK-300) as well as leaving room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

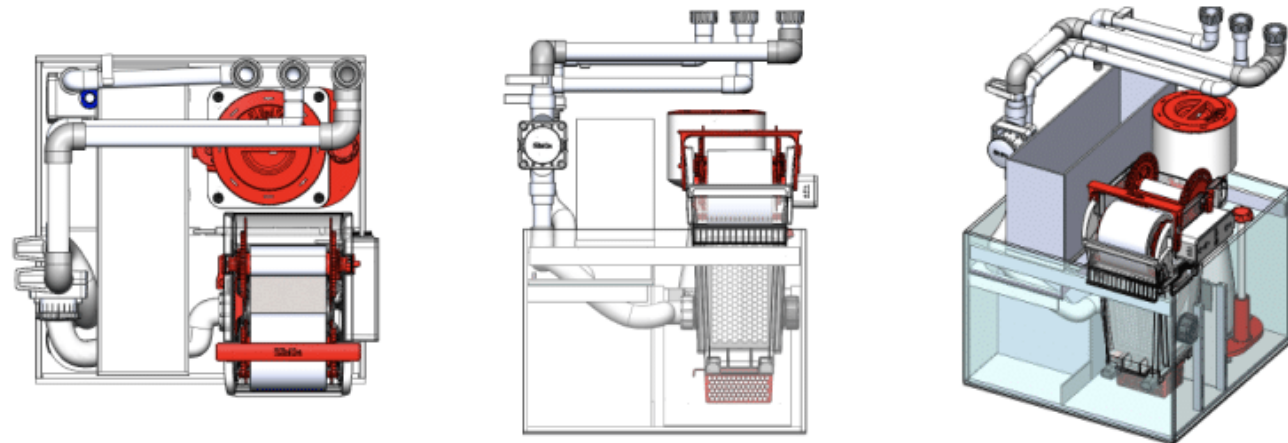


Option 2 – with reservoir

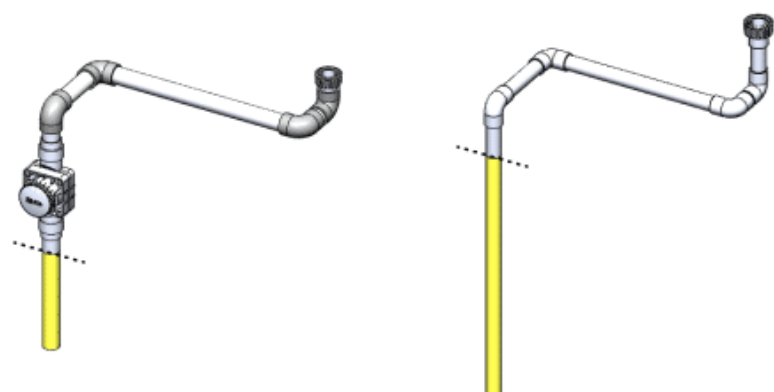
This installation option allows the sump and reservoir to be used without any modification, however, the skimmer (RSK-300) will be difficult to maintain, the media basket will only be accessible through the filter chamber, and there will be no room for any other equipment.

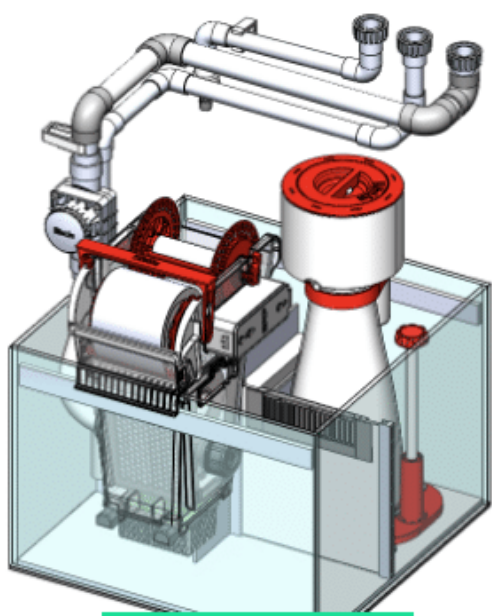
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



Required modification

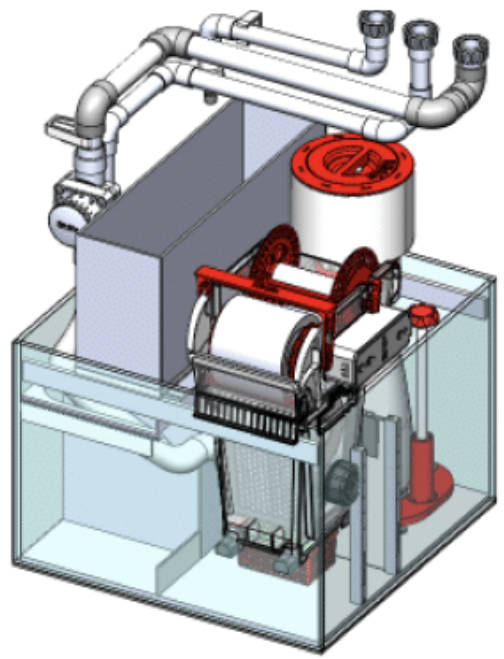




Recommended

Option 1

Ease of operation



Option 2

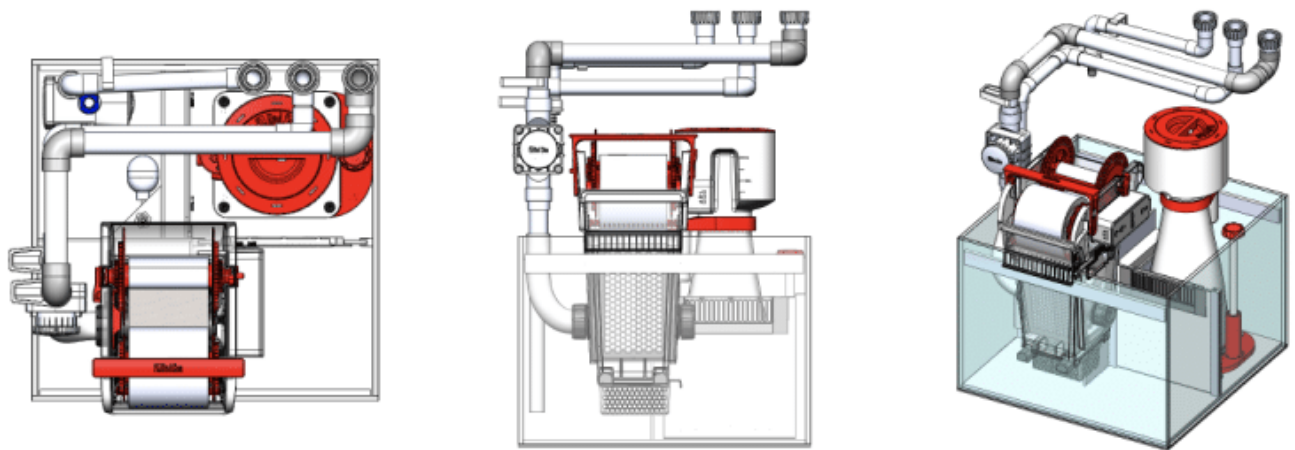
With reservoir

Option 1 – Easy of operation

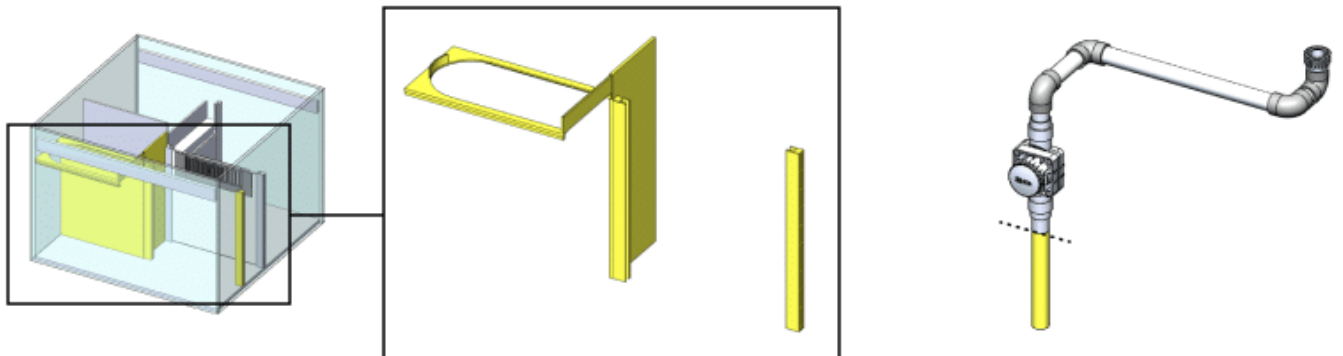
This installation option gives optimal access to the ReefMat 500 media basket and Skimmer (RSK-300) as well as leaving room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

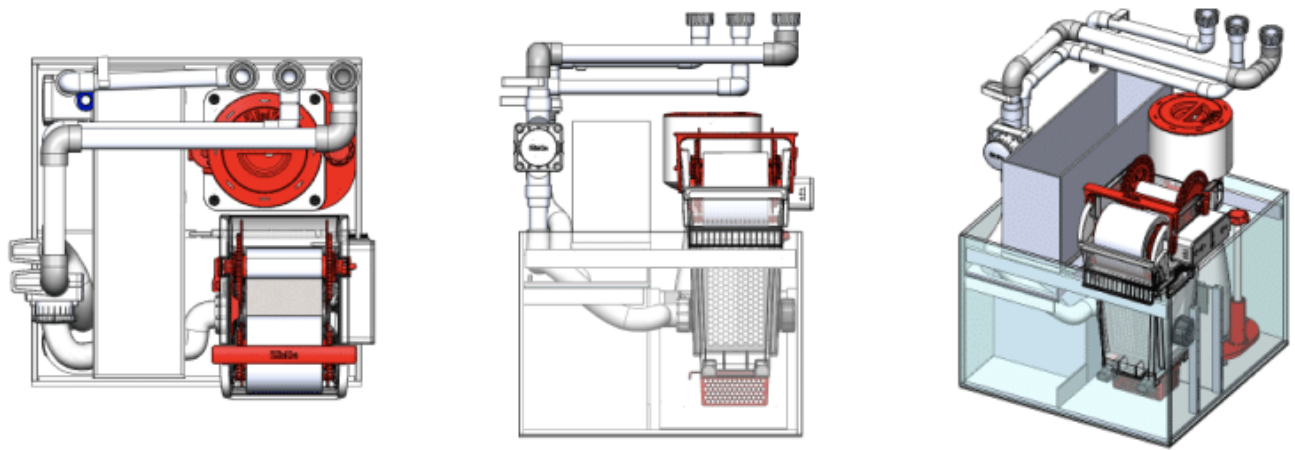


Option 2 – with reservoir

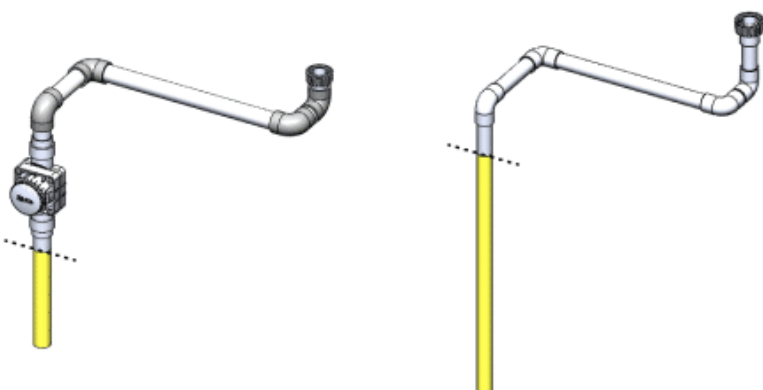
This installation option allows the sump and reservoir to be used without any modification, however, the skimmer (RSK-300) will be difficult to maintain, the media basket will only be accessible through the filter chamber, and there will be no room for any other equipment.

- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

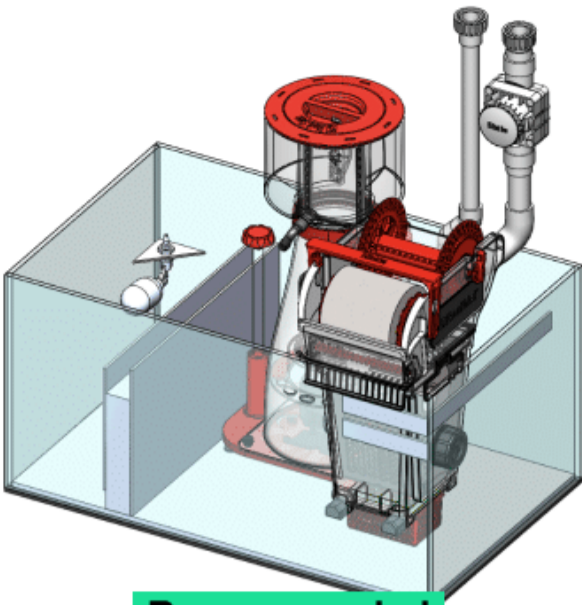
Equipment layout



Required modification

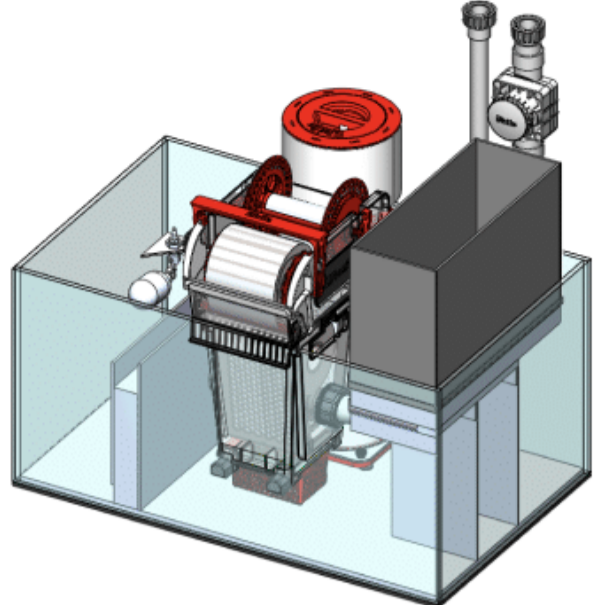


(serial numbers up to 17999)



Recommended

Option 1
Ease of operation



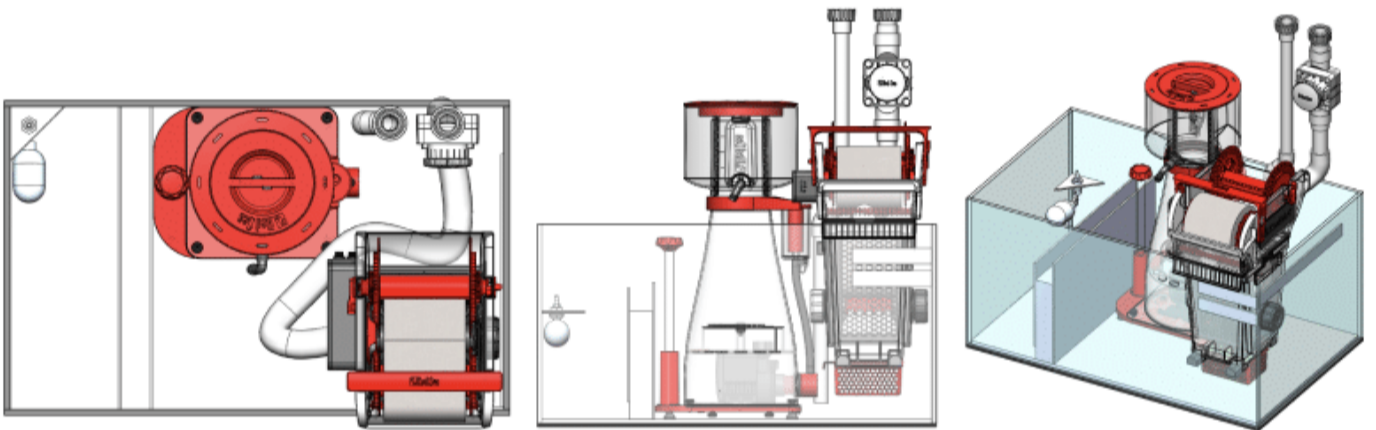
Option 2
With reservoir

Option 1 – Easy of operation

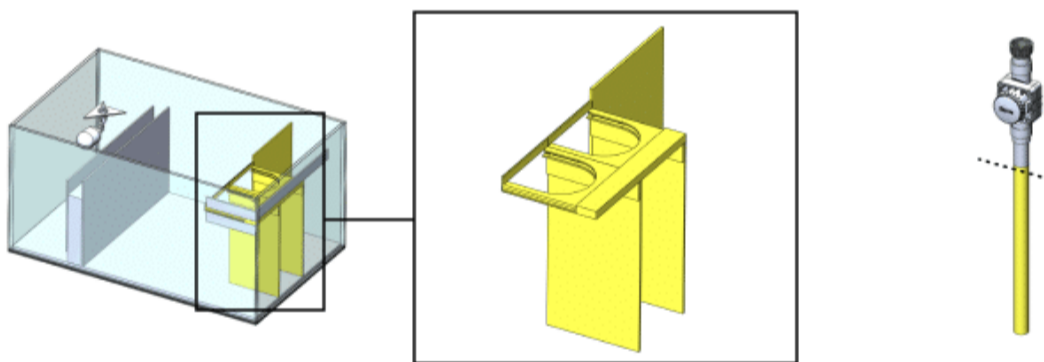
This option allows maximum utilization of the sump and optimal access for maintenance of the ReefMat 500 together with an RSK-600 skimmer, and leaves room for additional equipment.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

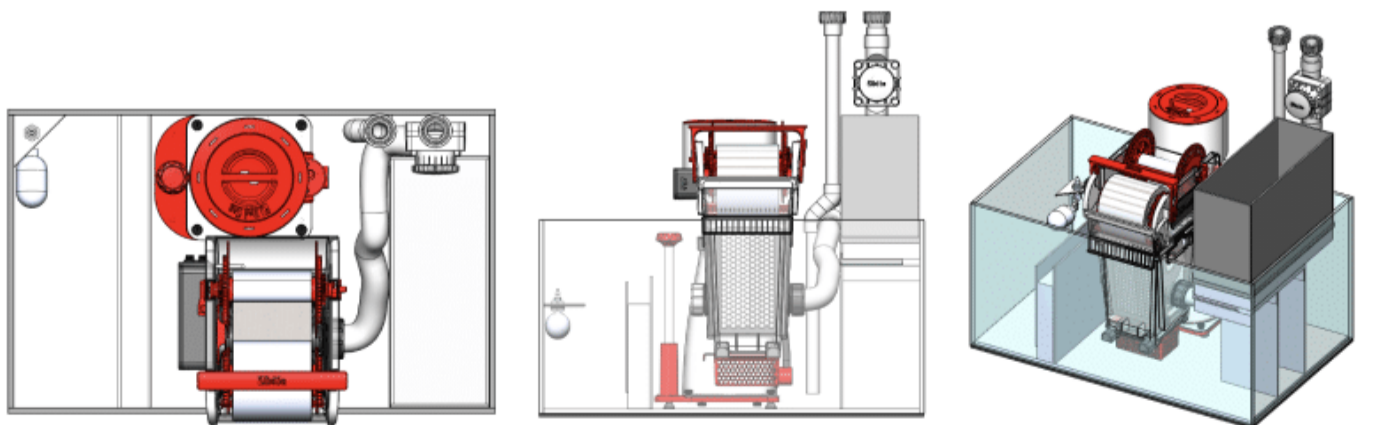


Option 2 – with reservoir

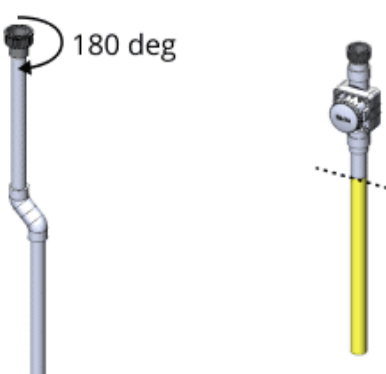
This option allows installation of the ReefMat 500 together with the RSK-300 skimmer without any modification to the sump or reservoir.

- This option, however, does not leave space for additional equipment, and access for operation of the skimmer will be limited.
- The valved downpipe will need to be shortened to bypass an unused dry area of the sump, and the overflow pipe will need to be rotated 180 degrees.

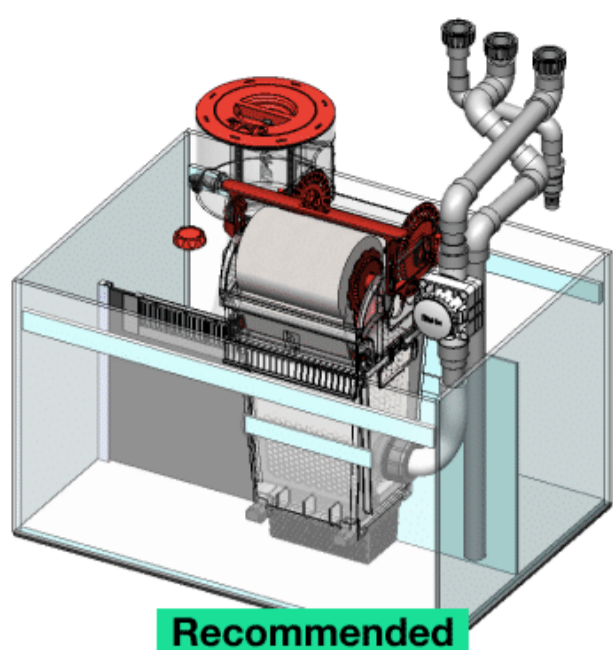
Equipment layout



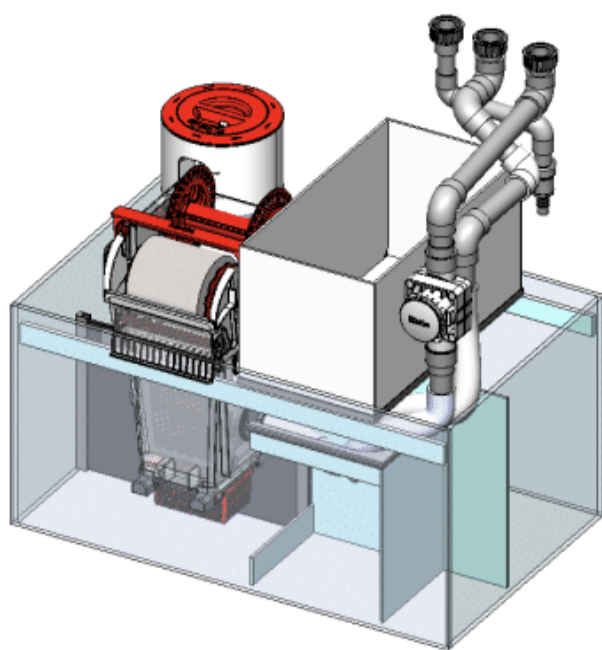
Required modification



(serial numbers 18000 up to xxxxx)



Option 1
Ease of operation



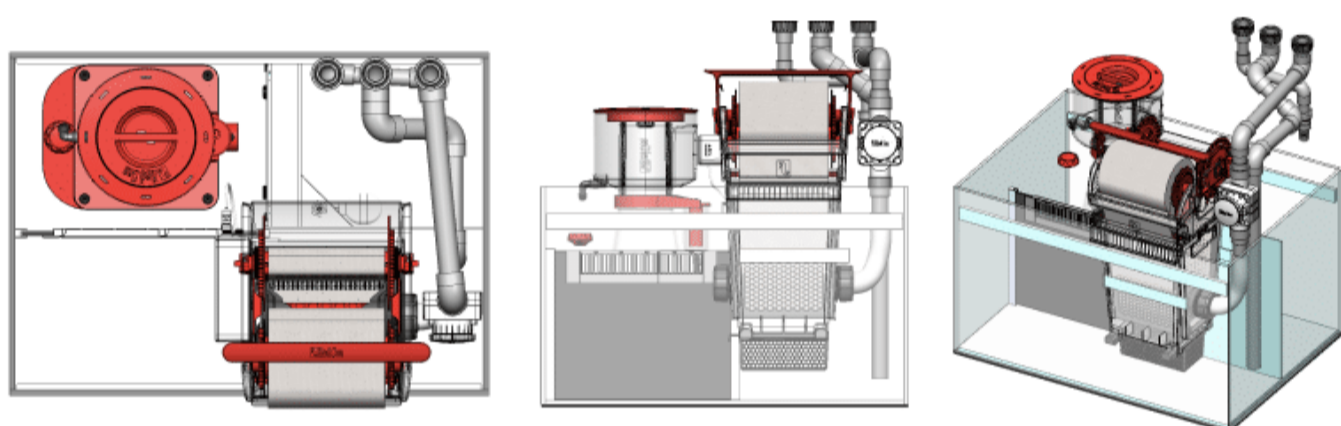
Option 2
With reservoir

Option 1 – Easy of operation

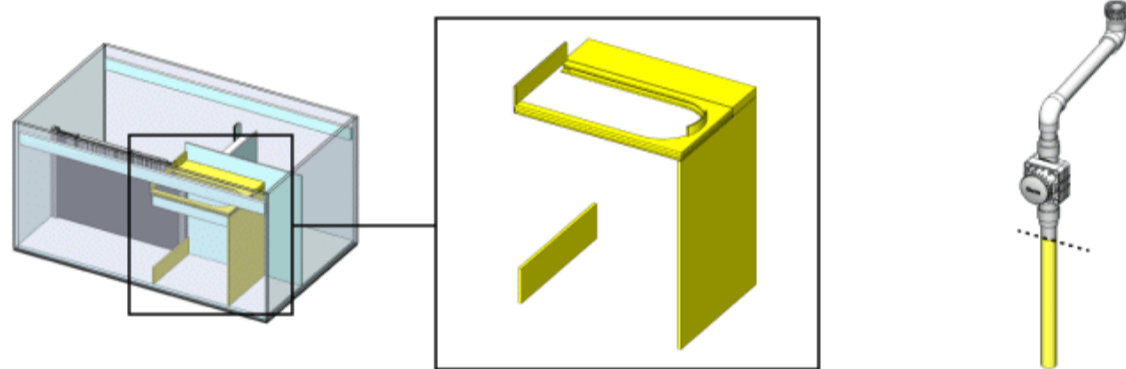
This option allows maximum utilization of the sump, and optimal access for maintenance of the ReefMat 500 together with an RSK-600 skimmer, and leaves room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

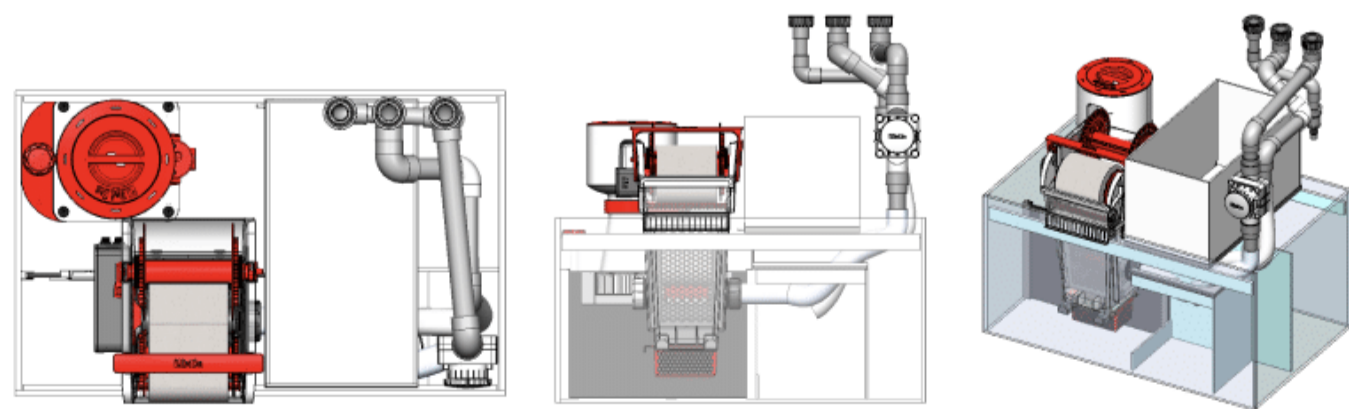


Option 2 – with reservoir

This option allows installation of the ReefMat 500 together with an RSK-300 skimmer without any modification to the sump or reservoir.

- This option, however, does not leave space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

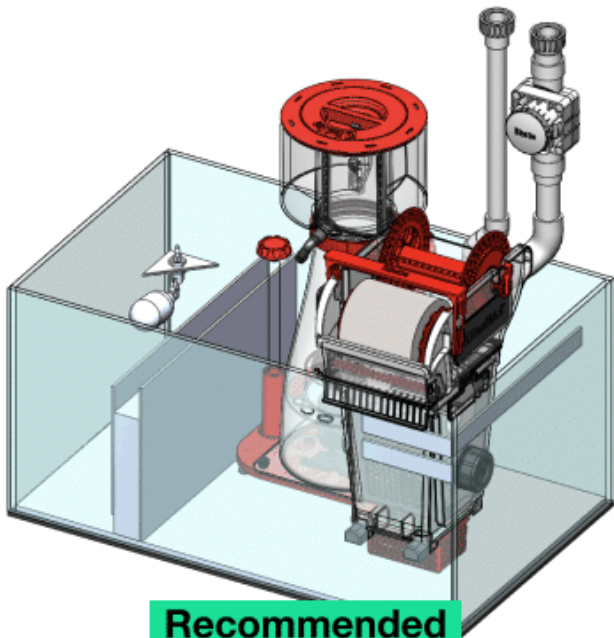
Equipment layout



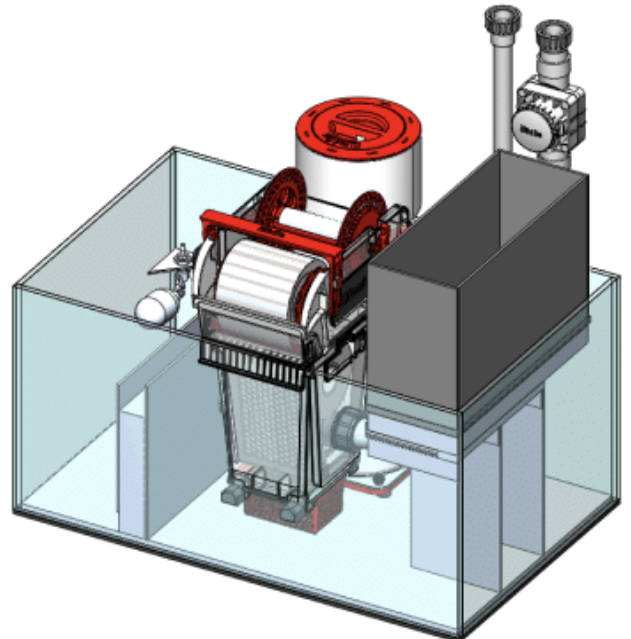
Required modification



(serial numbers up to 17999)



Recommended
Option 1
 Ease of operation



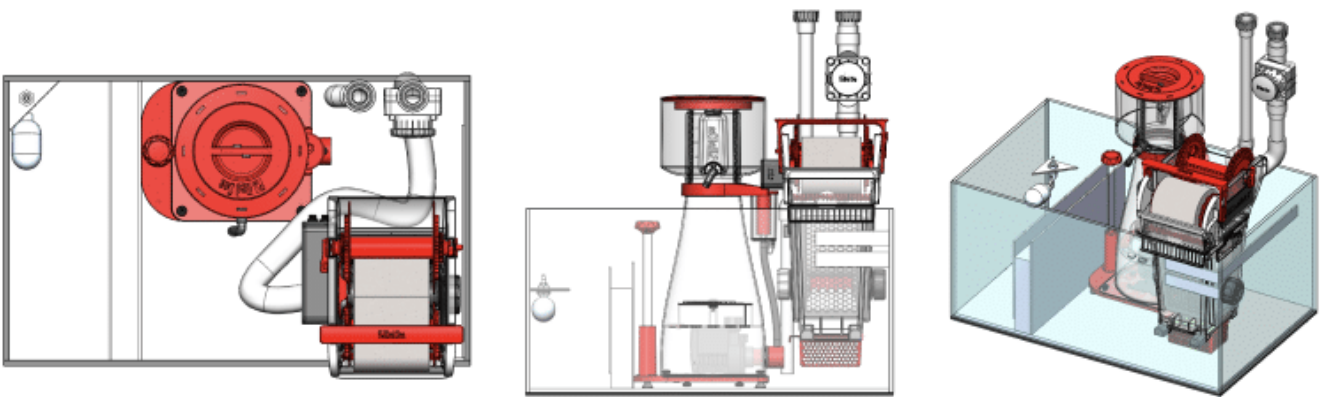
Option 2
 With reservoir

Option 1 – Easy of operation

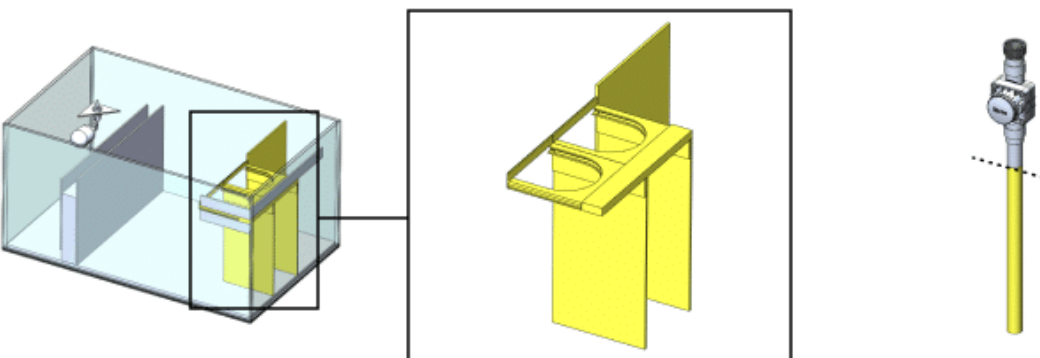
This option allows maximum utilization of the sump, and optimal access for maintenance of the ReefMat 500 together with an RSK-600 skimmer, and leaves room for additional equipment.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

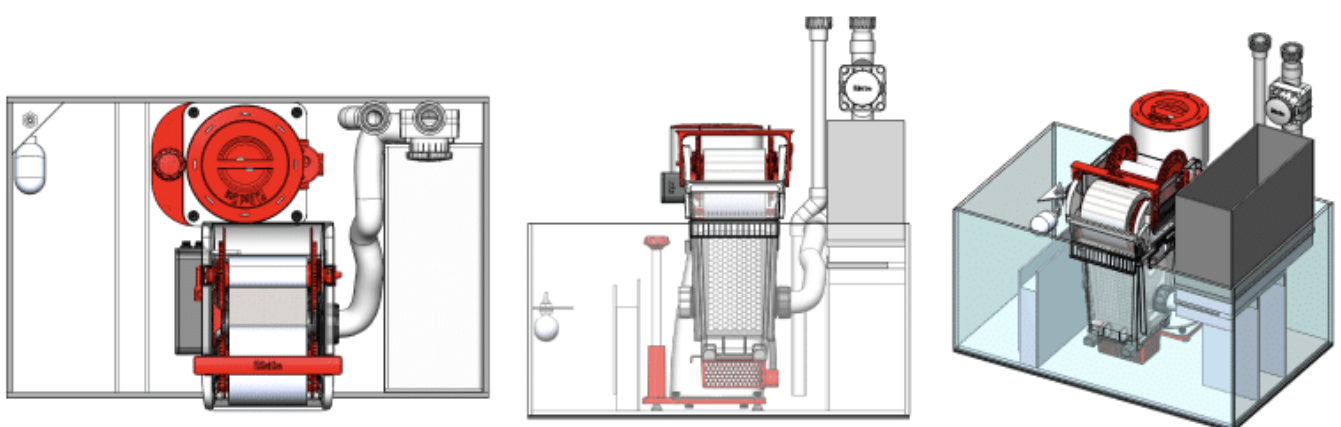


Option 2 – with reservoir

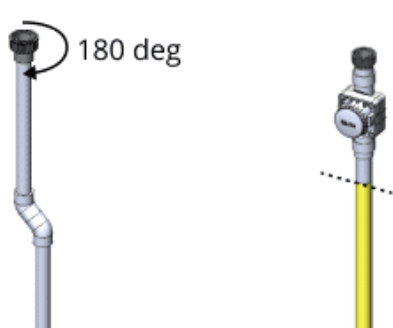
This option allows installation of the ReefMat 500 together with the RSK-600 skimmer without any modification to the sump or reservoir.

- This option, however, does not leave space for additional equipment, and access for operation of the skimmer will be limited.
- The valved downpipe will need to be shortened to bypass an unused dry area of the sump, and the overflow pipe will need to be rotated 180 degrees.

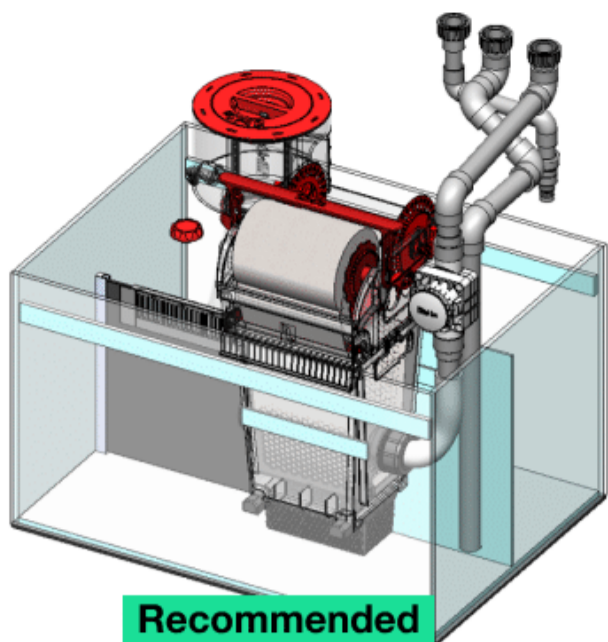
Equipment layout



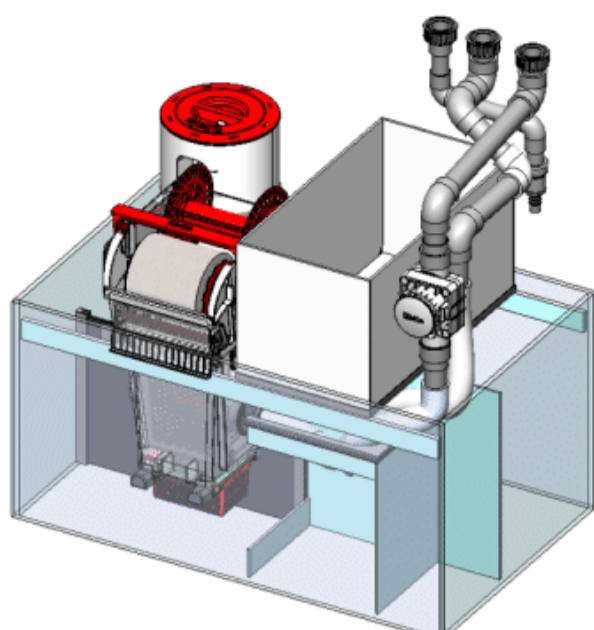
Required modification



(serial numbers 18000 up to xxxxx)



Option 1
Ease of operation



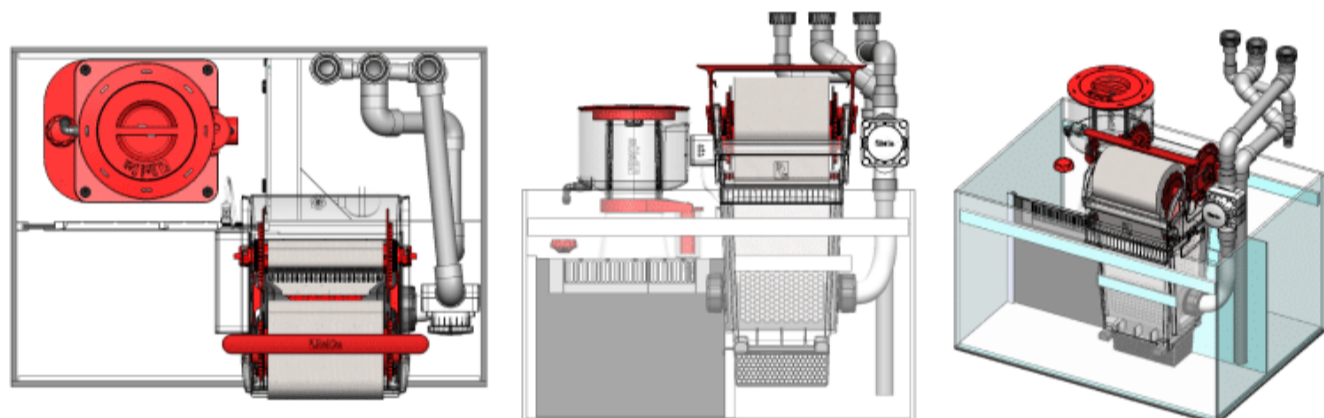
Option 2
With reservoir

Option 1 – Easy of operation

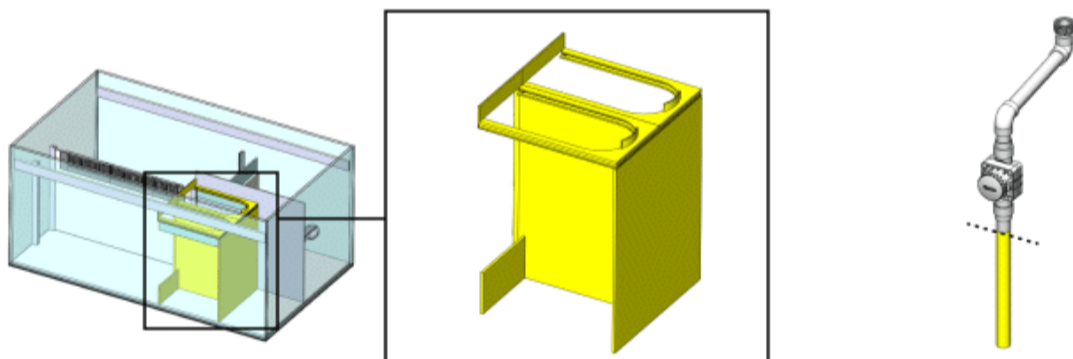
This option allows maximum utilization of the sump, optimal access for maintenance of the ReefMat 500 together with an RSK-600 skimmer, and leaves room for additional equipment or a refugium (Note: the ReefMat 1200 will also fit but is not recommended).

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

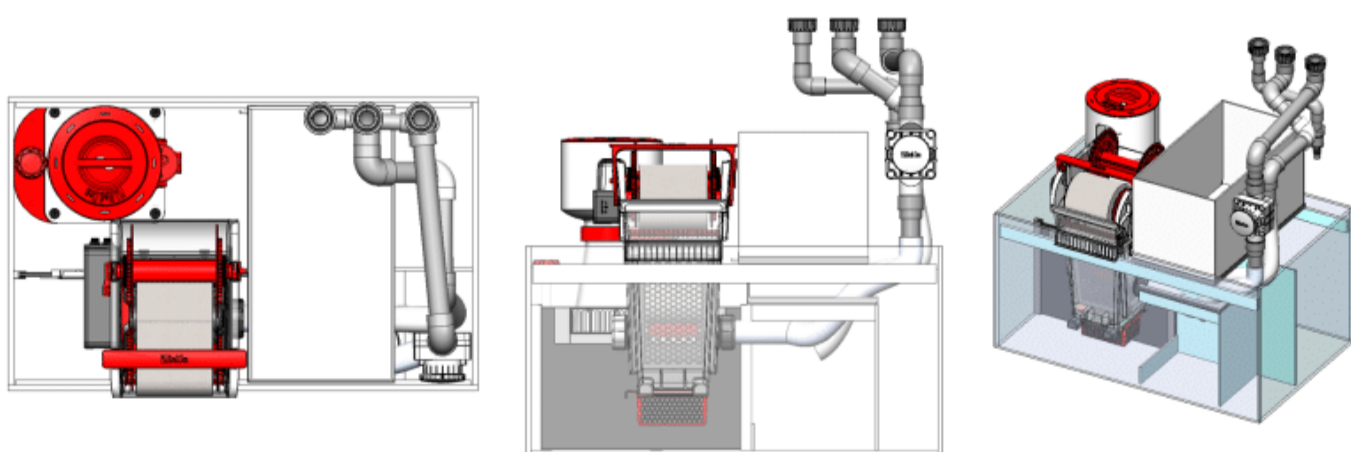


Option 2 – with reservoir

This option allows installation of the ReefMat 500 together with an RSK-600 skimmer, without any modification to the sump or reservoir.

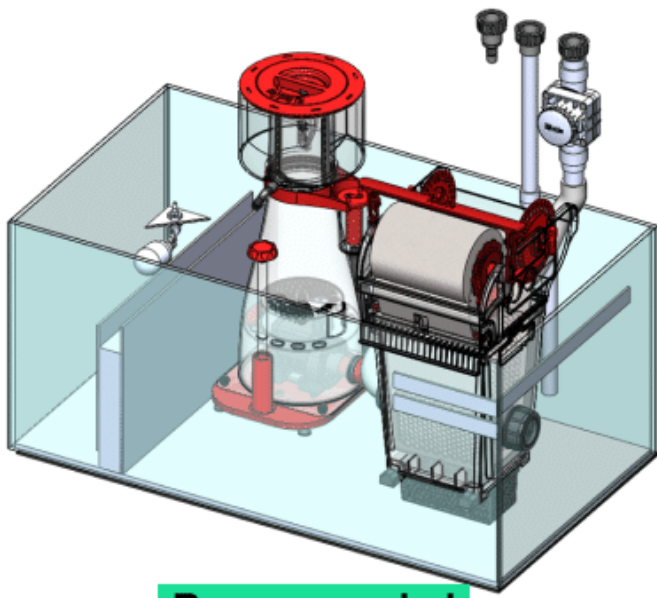
- This option, however, does not leave space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



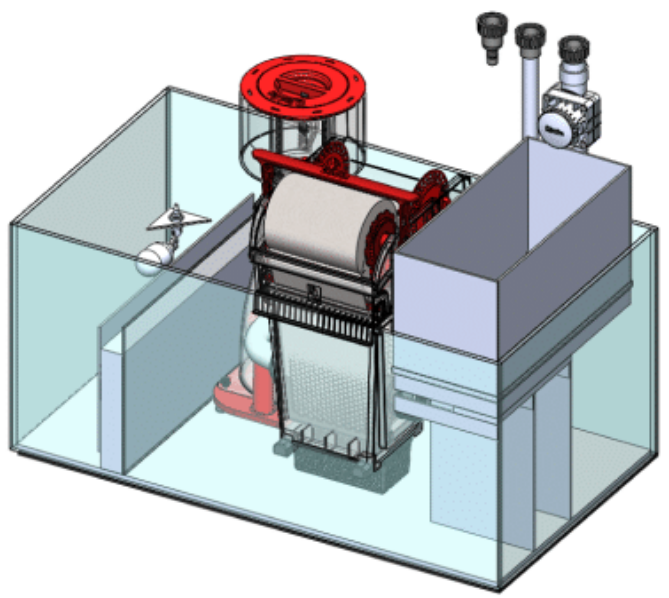
Required modification





Recommended

Option 1
Ease of operation



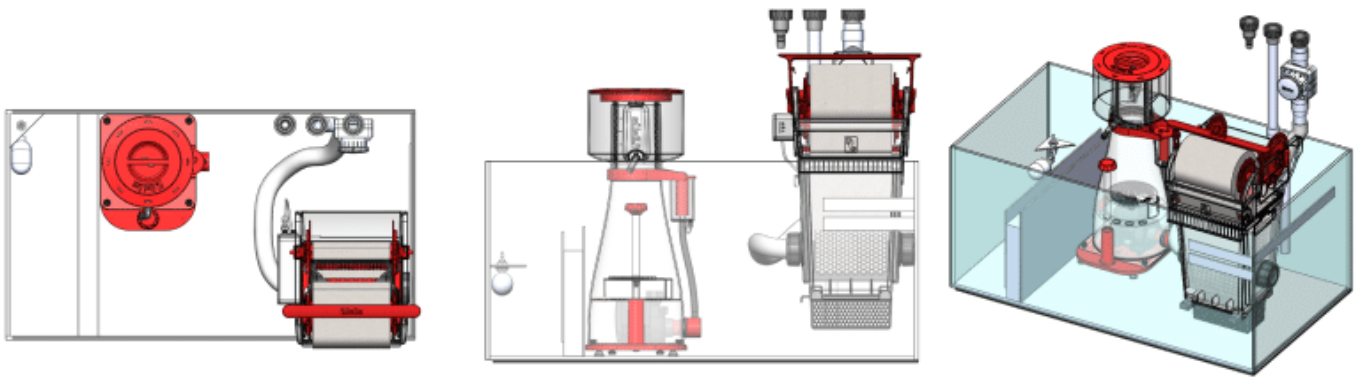
Option 2
With reservoir

Option 1 – Easy of operation

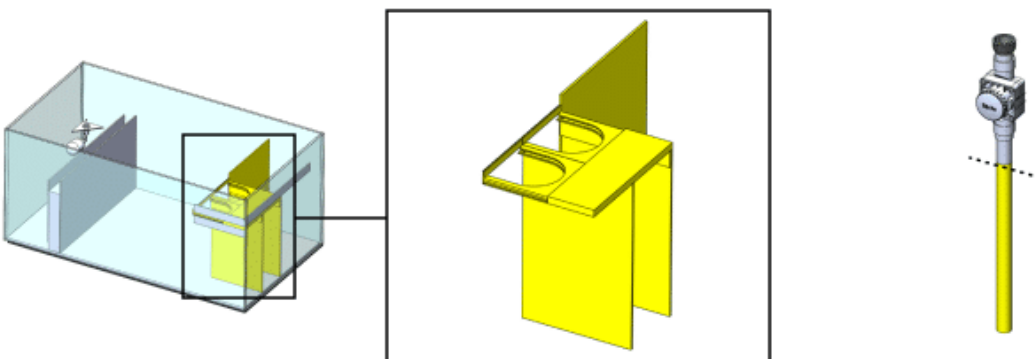
This option allows maximum utilization of the sump, optimal access for maintenance of the ReefMat 500 together with an RSK-600 skimmer, and leaves room for additional equipment (Note: the ReefMat 1200 will also fit but is not recommended).

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

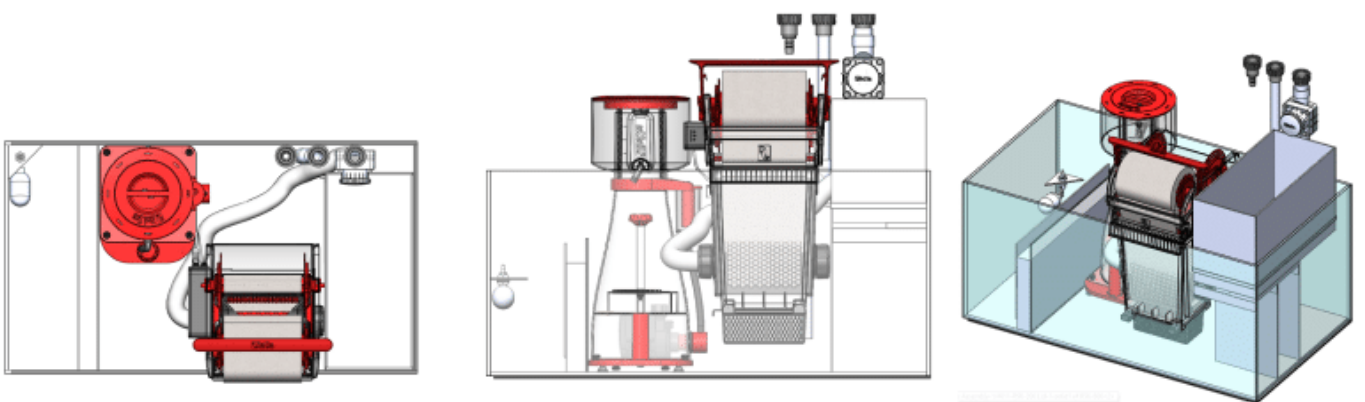


Option 2 – with reservoir

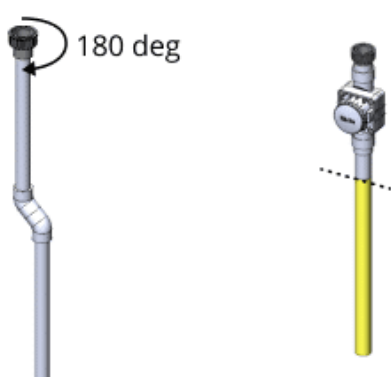
This option allows installation of the ReefMat 500 together with the RSK-600 skimmer without any modification to the sump or reservoir (Note: the ReefMat 1200 will also fit but is not recommended).

- This option, however, does not maximize the use of the available space in the sump.
- The valved downpipe will need to be shortened to bypass an unused dry area of the sump, and the overflow pipe will need to be rotated 180 degrees.

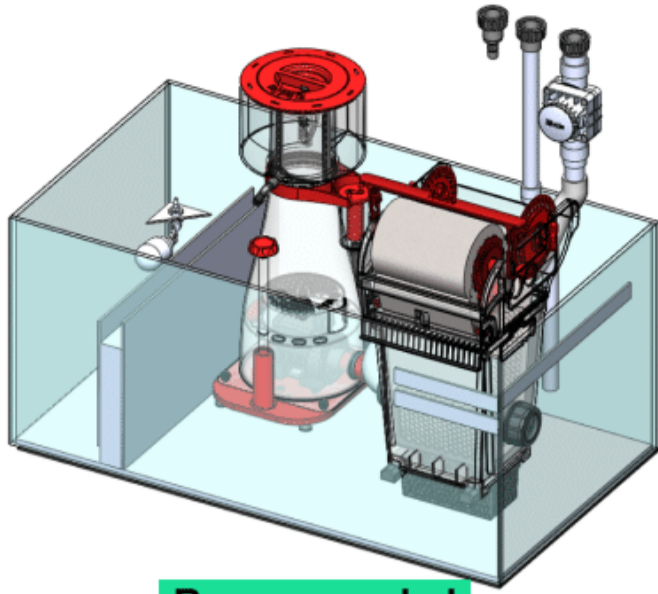
Equipment layout



Required modification

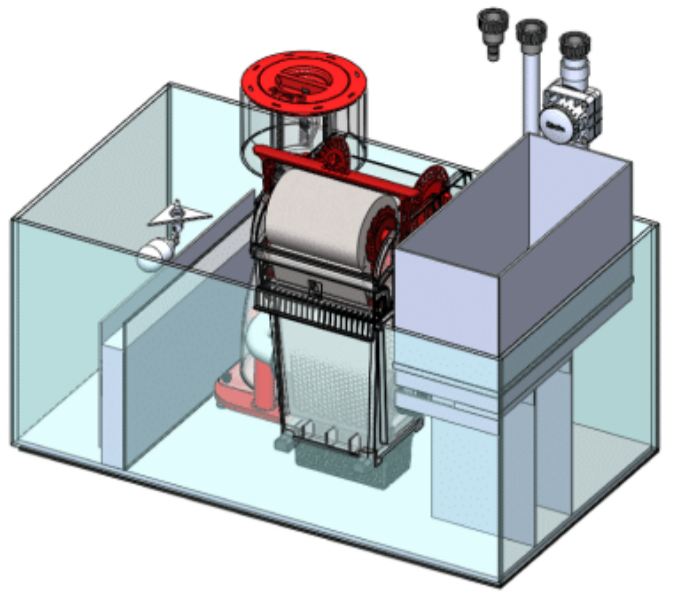


(serial numbers up to 17999)



Recommended

Option 1
Ease of operation



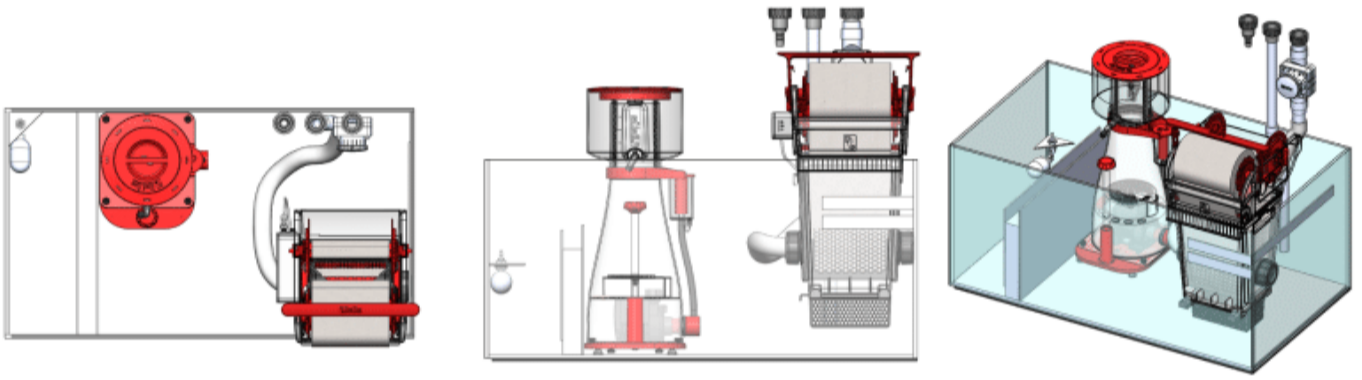
Option 2
With reservoir

Option 1 – Easy of operation

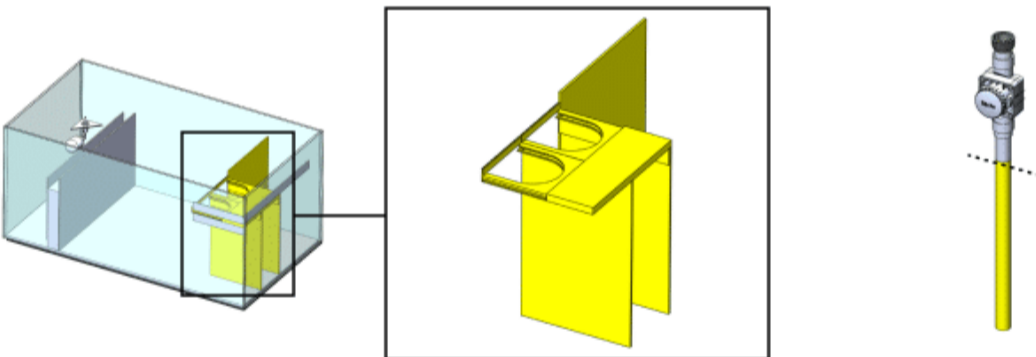
This option allows maximum utilization of the sump, optimal access for maintenance of the ReefMat 1200 together with an RSK-600 skimmer, and leaves room for additional equipment.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

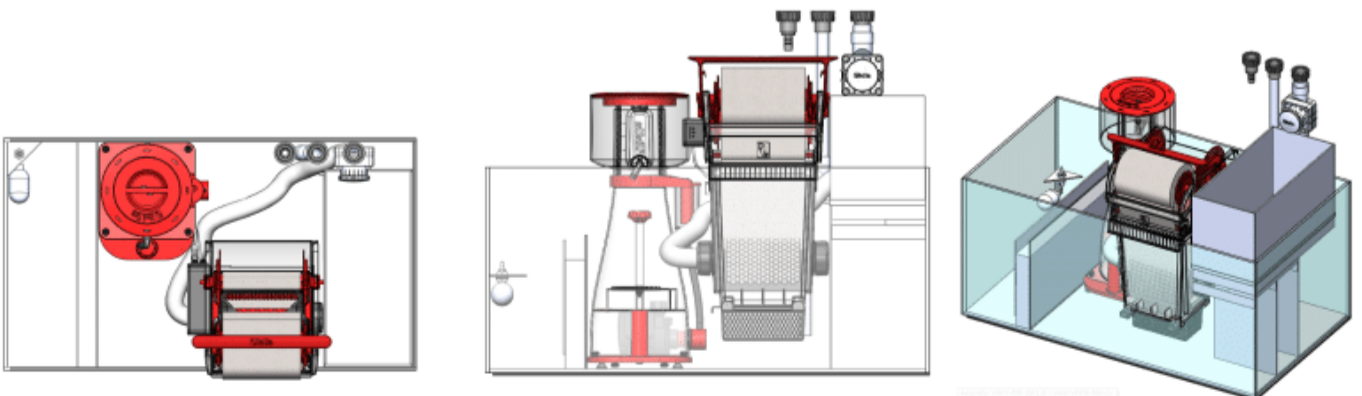


Option 2 – with reservoir

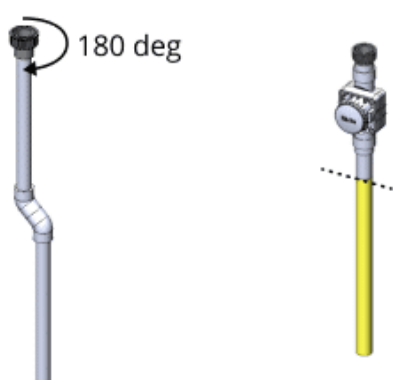
This option allows installation of the ReefMat 1200 together with the RSK-600 skimmer without any modification to the sump or reservoir (The ReefMat 500 is also suitably rated for this system and will provide more room in the sump).

- This option, however, does not maximize the use of the available space in the sump.
- The valved downpipe will need to be shortened to bypass an unused dry area of the sump, and the overflow pipe will need to be rotated 180 degrees.

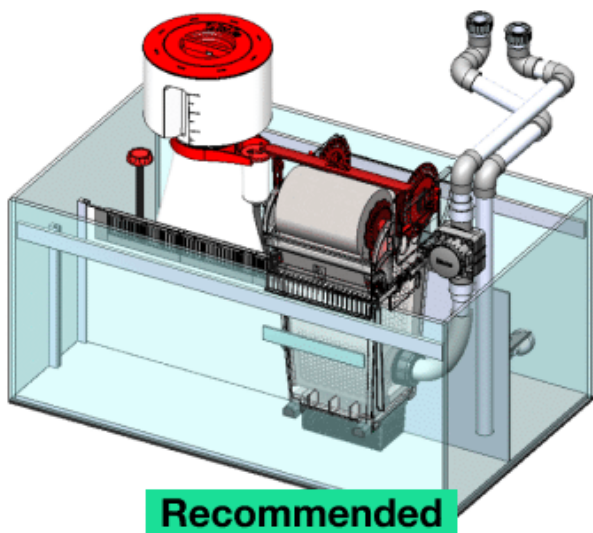
Equipment layout



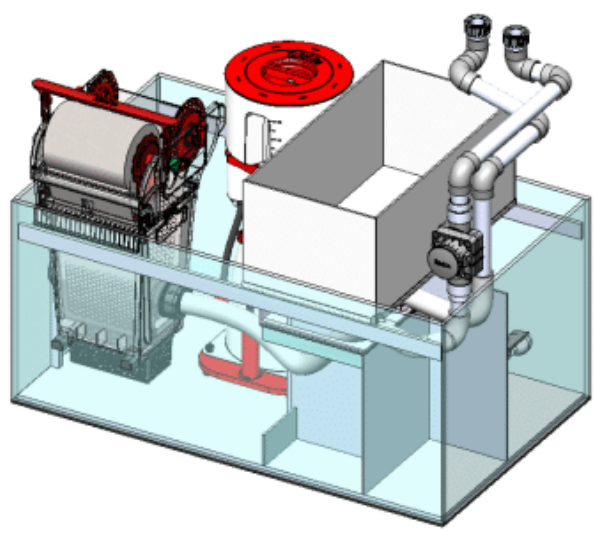
Required modification



(serial numbers 18000 up to xxxxx)



Option 1
Ease of operation



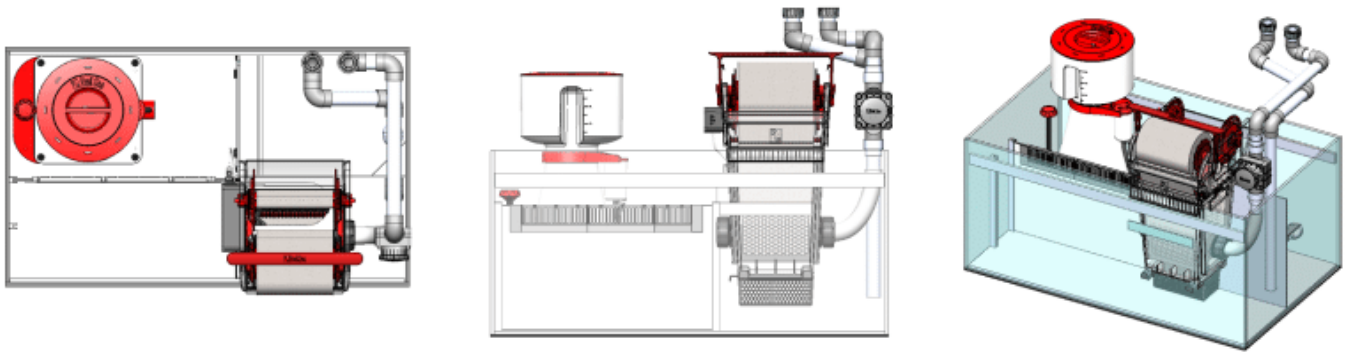
Option 2
With reservoir

Option 1 – Easy of operation

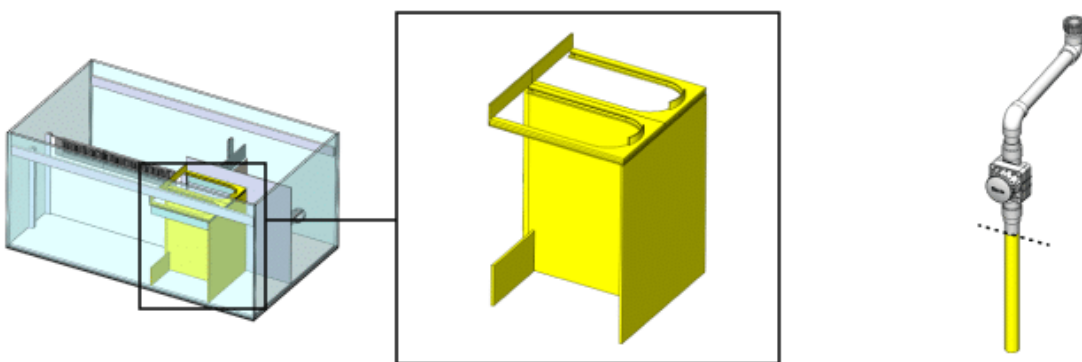
This option allows maximum utilization of the sump, gives optimal access for maintenance of the ReefMat 1200 together with an RSK-600 skimmer, and leaves room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

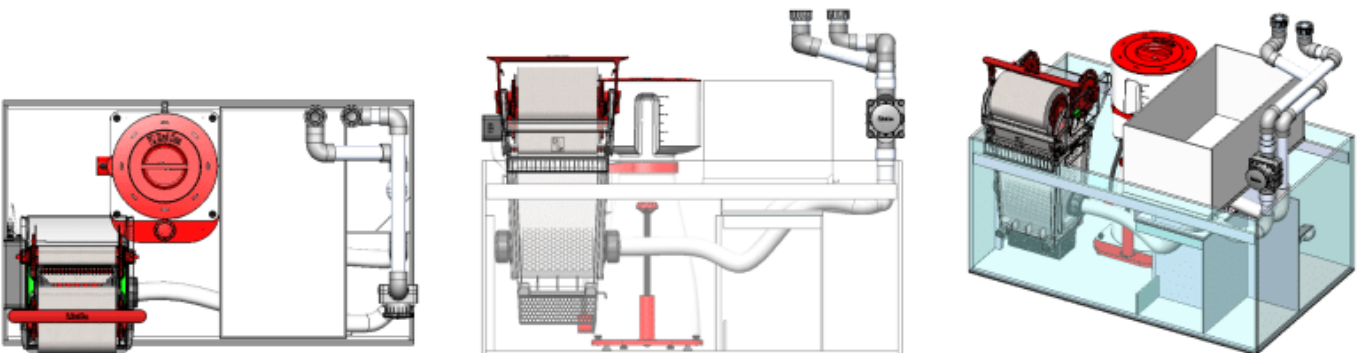


Option 2 – with reservoir

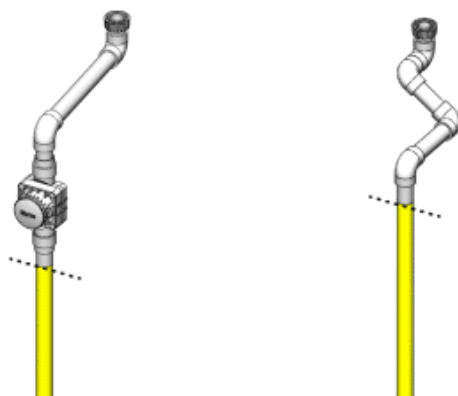
This option allows installation of the ReefMat 1200 together with an RSK-600 skimmer without any modification to the sump or reservoir (The ReefMat 500 is also suitably rated for this system and will provide more room in the sump).

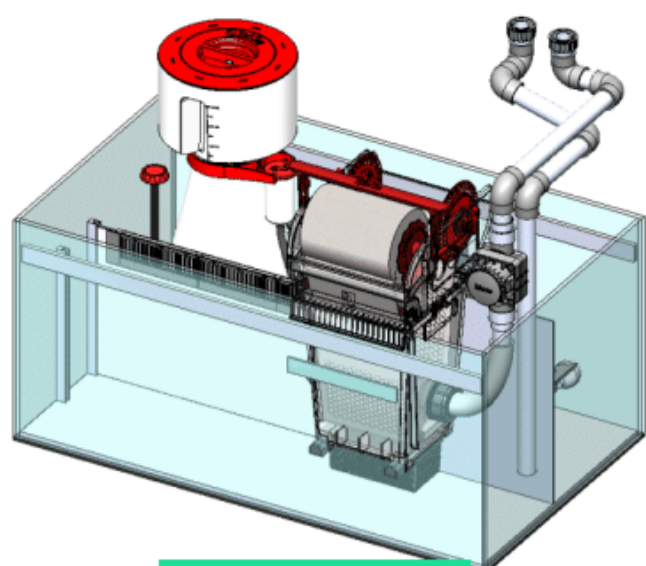
- This option, however, does not leave space for a refugium or other equipment.
- Both the valved downpipe, and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



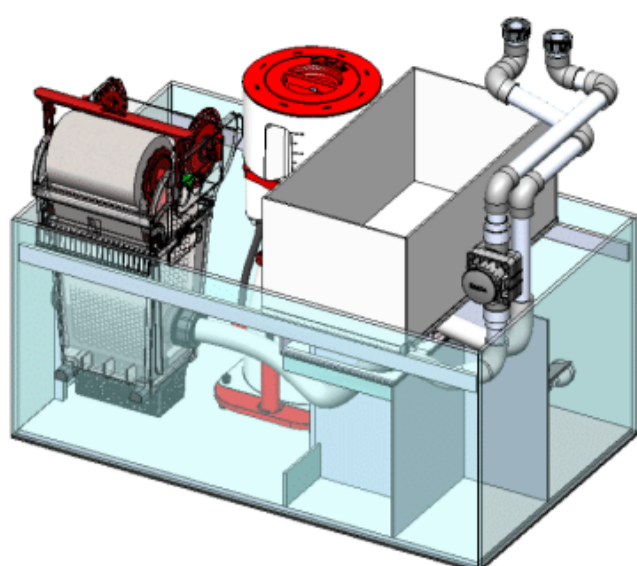
Required modification





Recommended

Option 1
Ease of operation



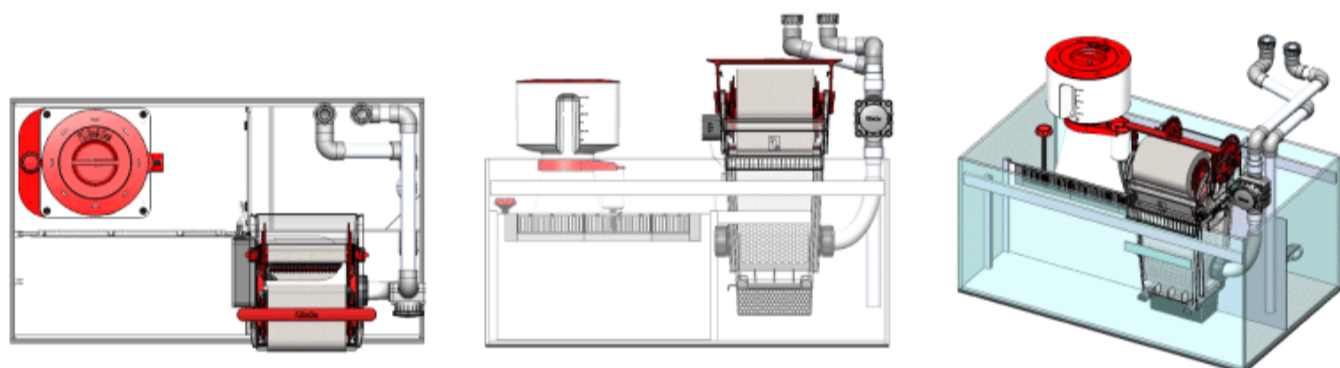
Option 2
With reservoir

Option 1 – Easy of operation

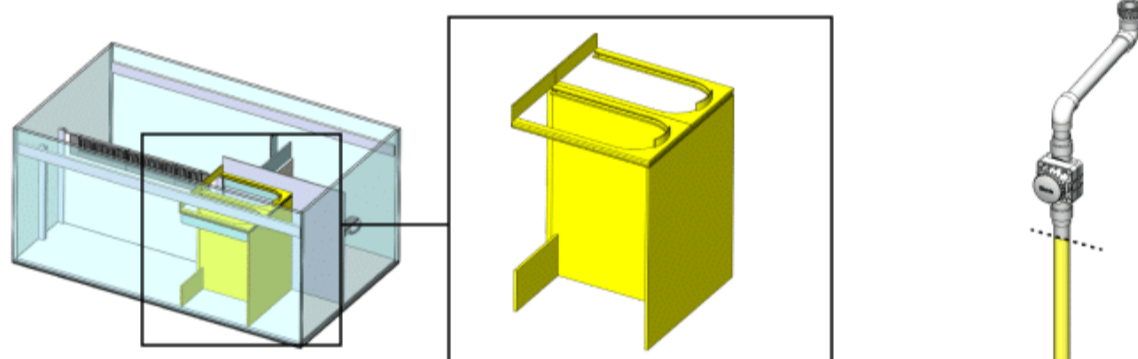
This option allows maximum utilization of the sump, gives optimal access for maintenance of the ReefMat 1200 together with an RSK-900 skimmer, and leaves room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

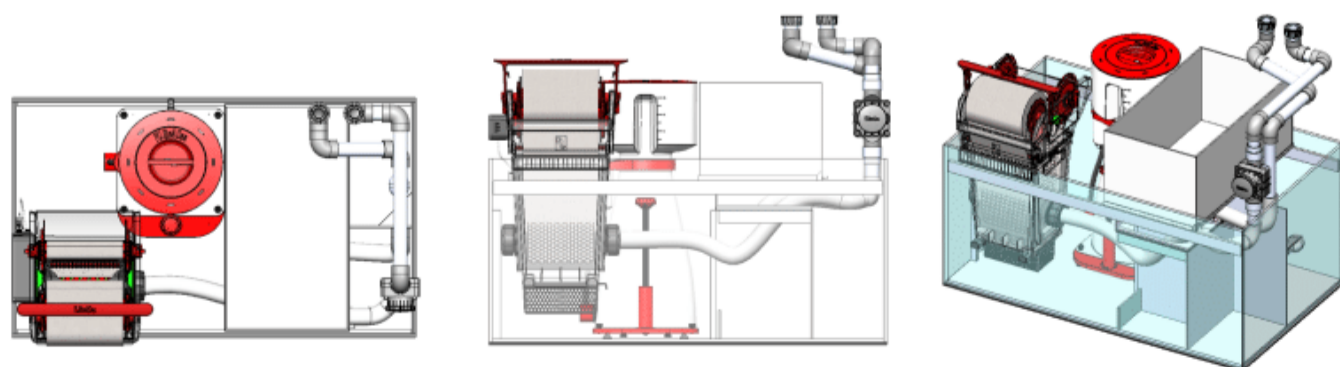


Option 2 – with reservoir

This option allows installation of the ReefMat 1200 together with an RSK-900 skimmer without any modification to the sump or reservoir.

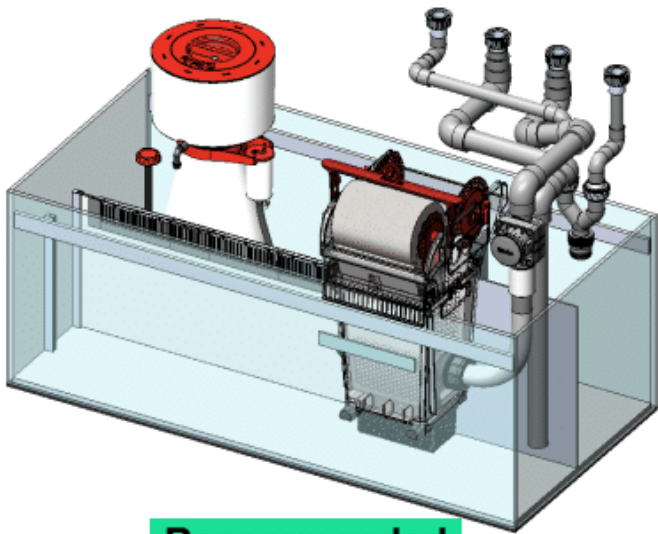
- This option, however, does not leave space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



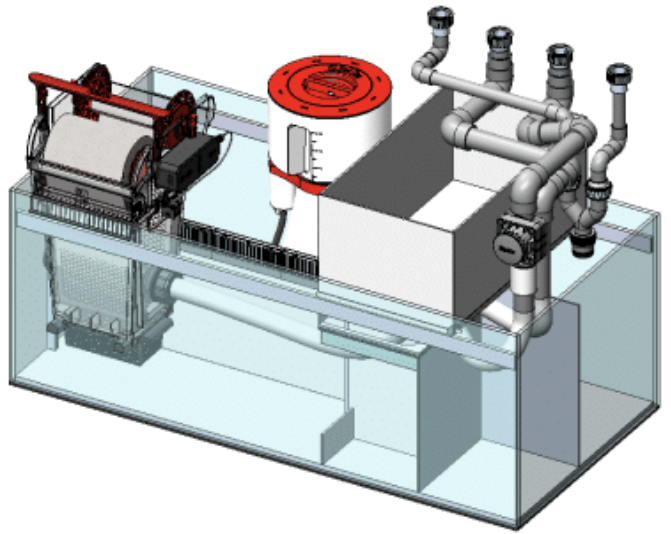
Required modification





Recommended

Option 1
Ease of operation



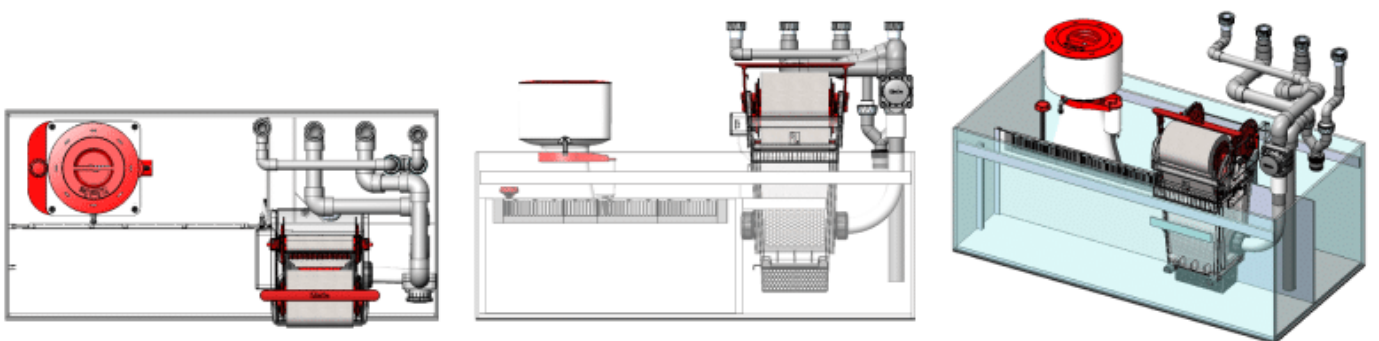
Option 2
With reservoir

Option 1 – Easy of operation

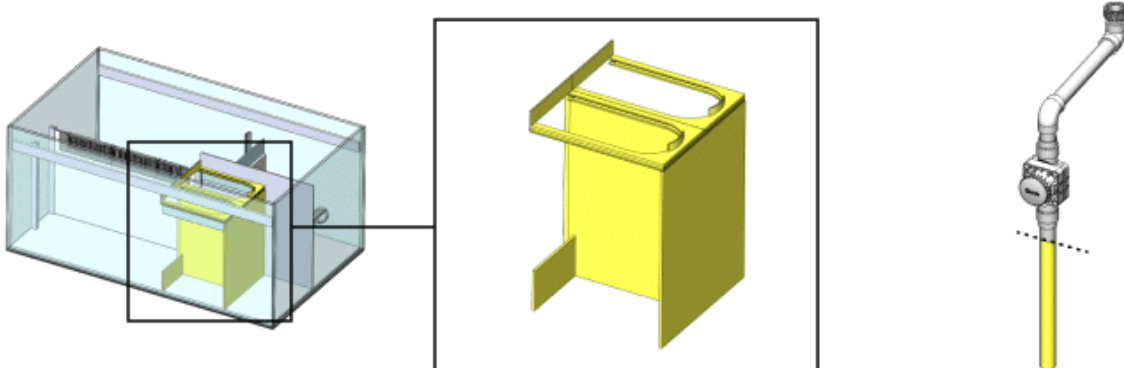
This option allows maximum utilization of the sump, gives optimal access for maintenance of the ReefMat 1200 together with an RSK-900 skimmer, and leaves room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

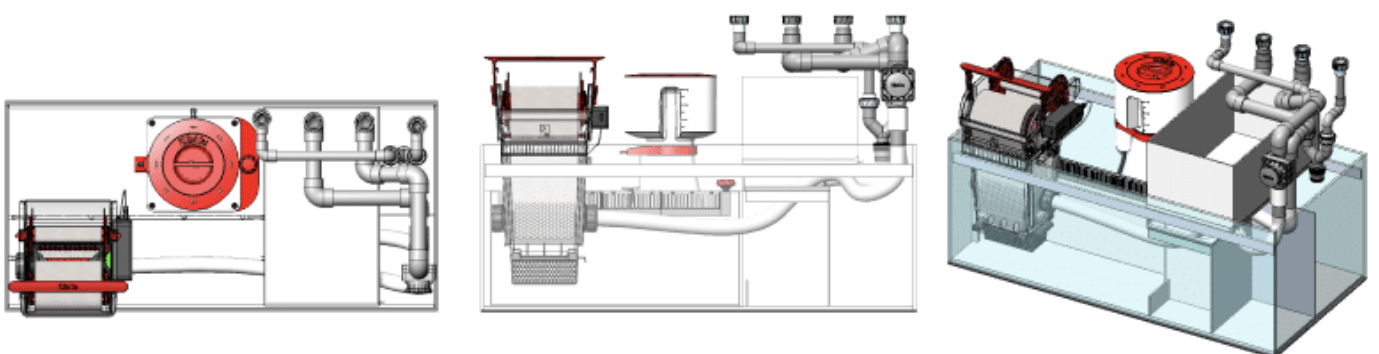


Option 2 – with reservoir

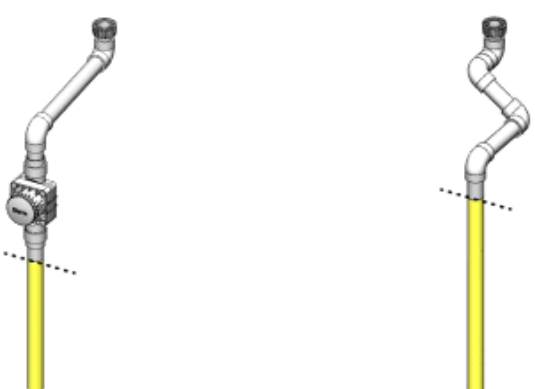
This option allows installation of the ReefMat 1200 together with an RSK-900 skimmer without any modification to the sump or reservoir.

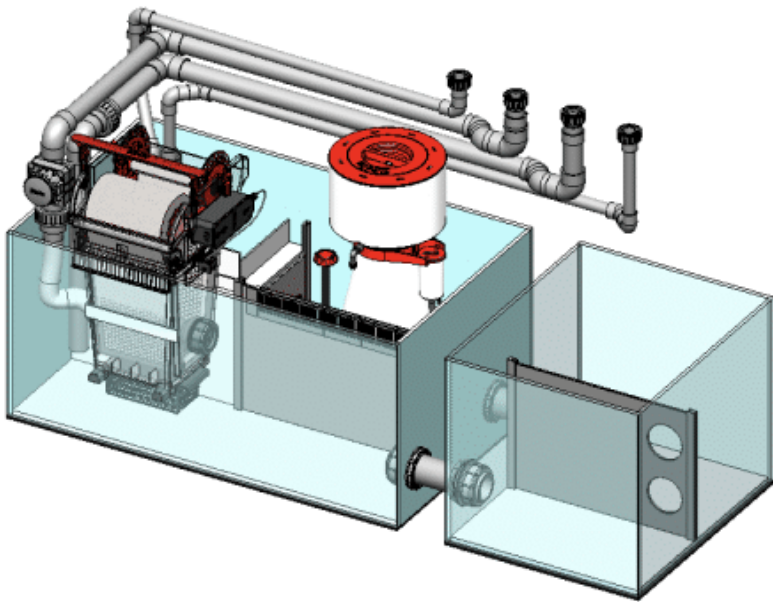
- This option, however, does not leave much space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



Required modification

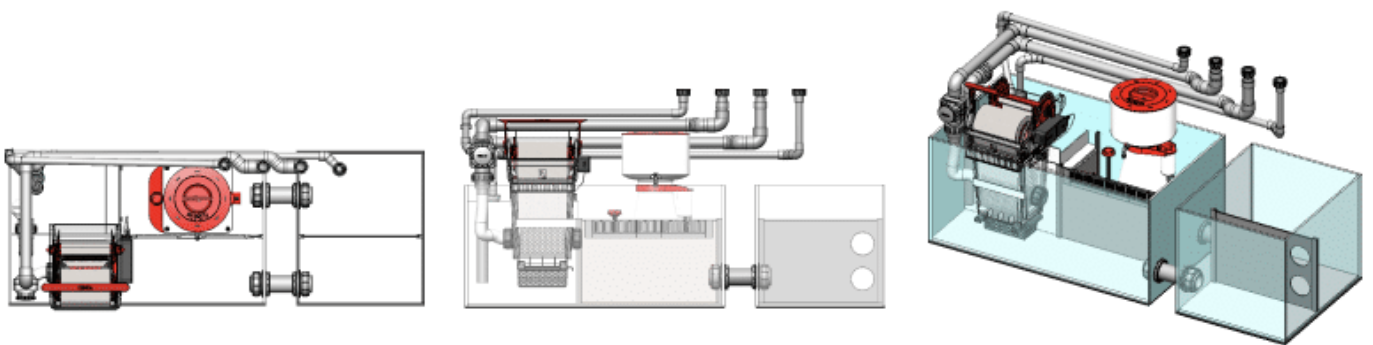




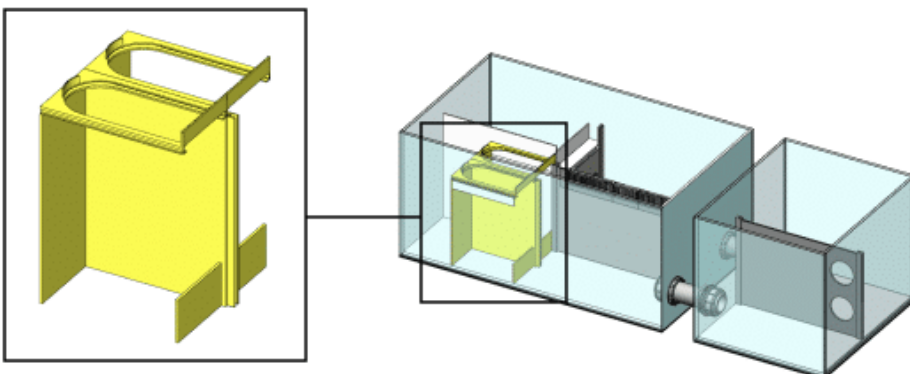
This installation allows maximum utilization of the sump, optimal access for maintenance of the ReefMat 1200 together with an RSK-900 skimmer, and leaves room for additional equipment or a refugium in the main sump.

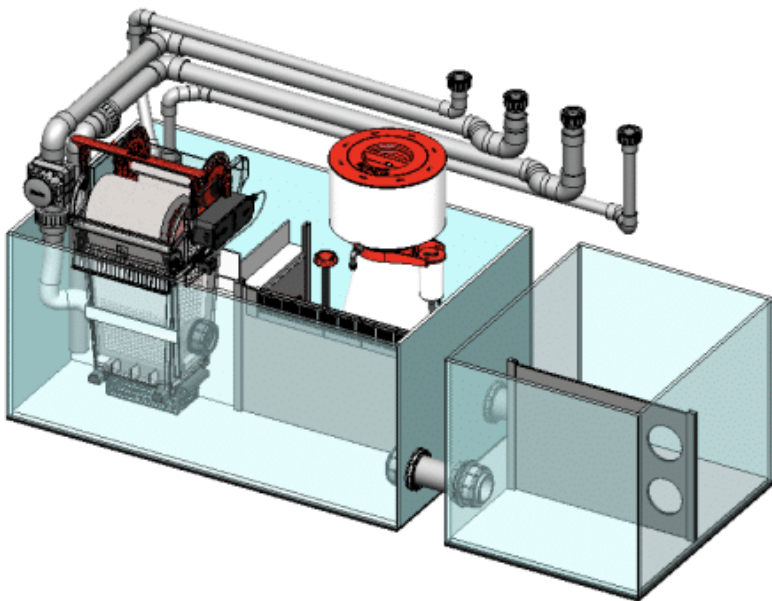
- This option requires modification of the Sump.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved extension downpipe will need to be shortened (and reduced to 32mm with the parts provided) to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

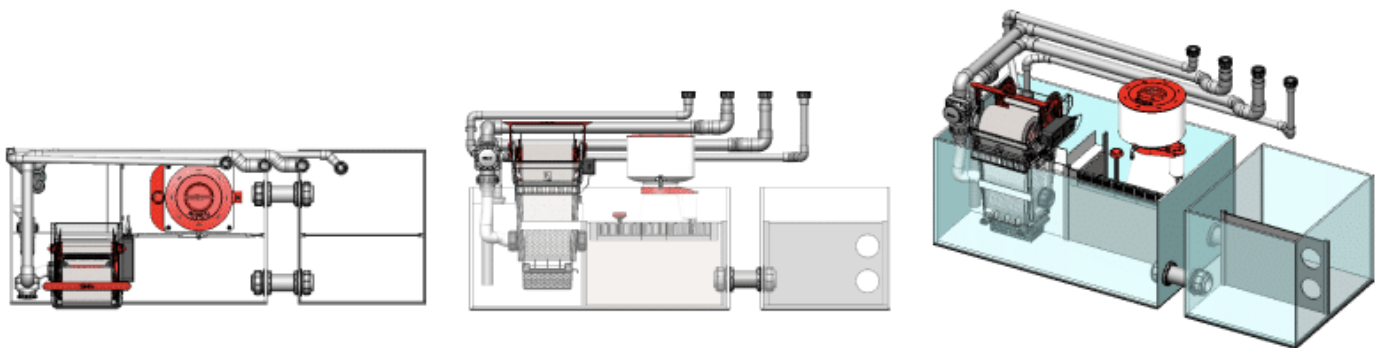




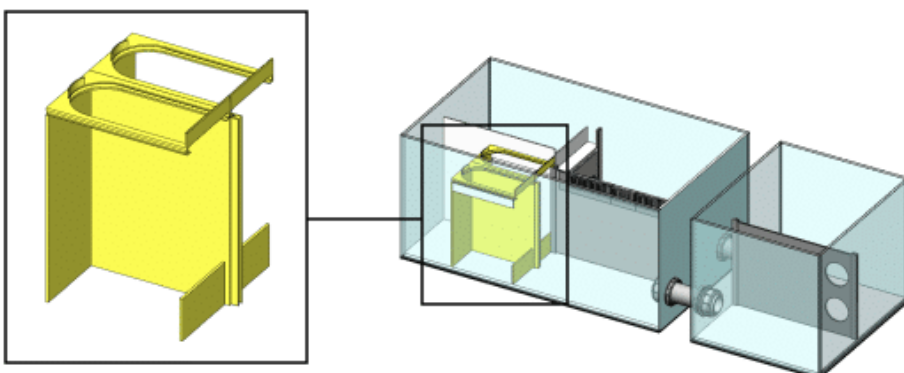
This installation allows maximum utilization of the sump, optimal access for maintenance of the ReefMat 1200 together with an RSK-900 skimmer, and leaves room for additional equipment or a refugium in the main sump.

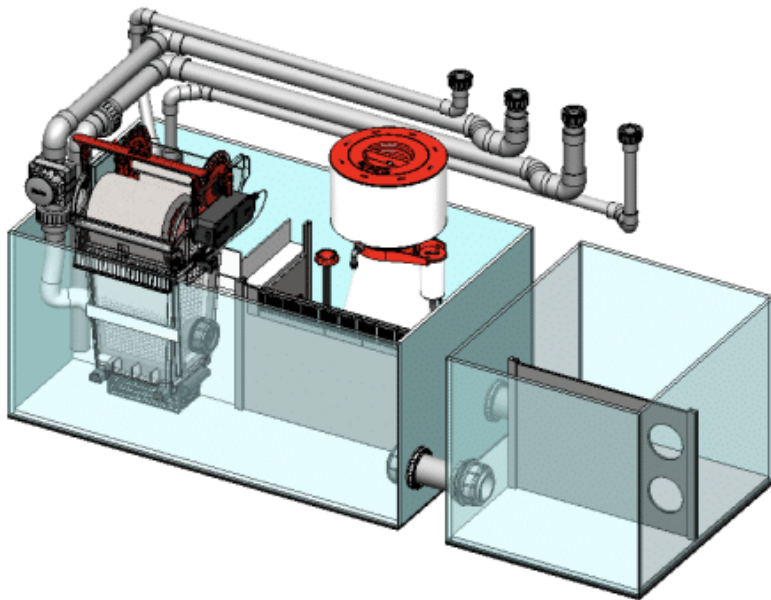
- This option requires modification of the Sump.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved extension downpipe will need to be shortened (and reduced to 32mm with the parts provided) to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

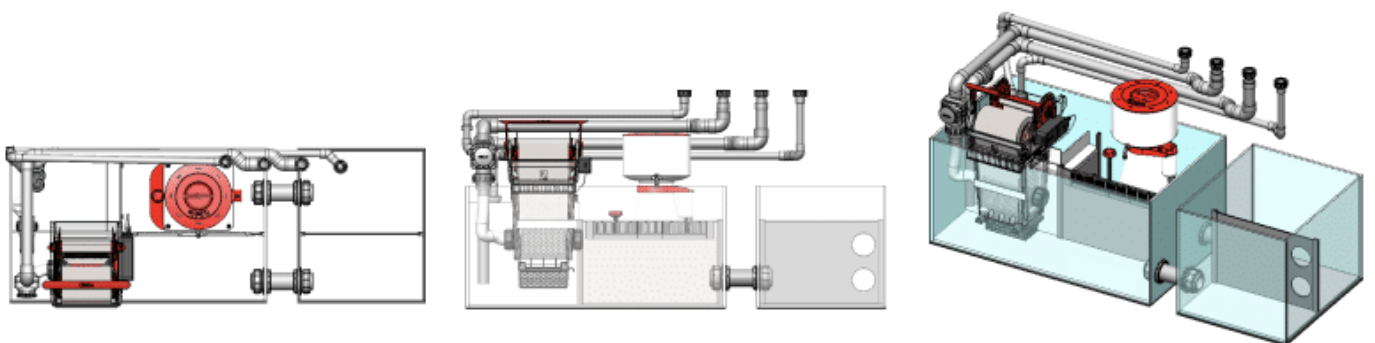




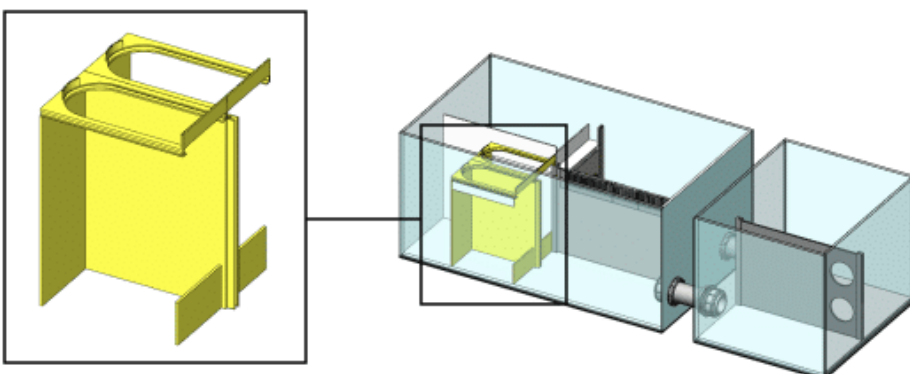
This installation allows maximum utilization of the sump, optimal access for maintenance of the ReefMat 1200 together with an RSK-900 skimmer, and leaves room for additional equipment or a refugium in the main sump.

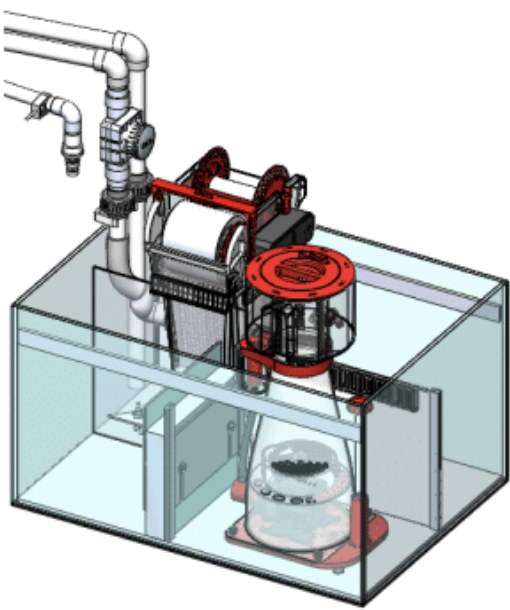
- This option requires modification of the Sump.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved extension downpipe will need to be shortened (and reduced to 32mm with the parts provided) to attach the inlet hose of the ReefMat.

Equipment layout

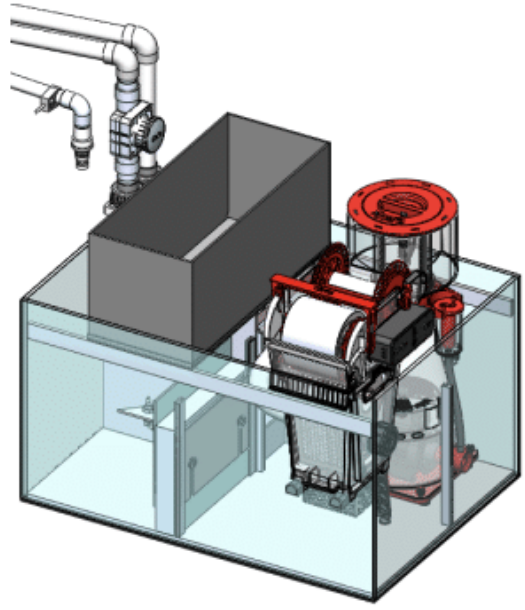


Required modification





Option 1
Without reservoir



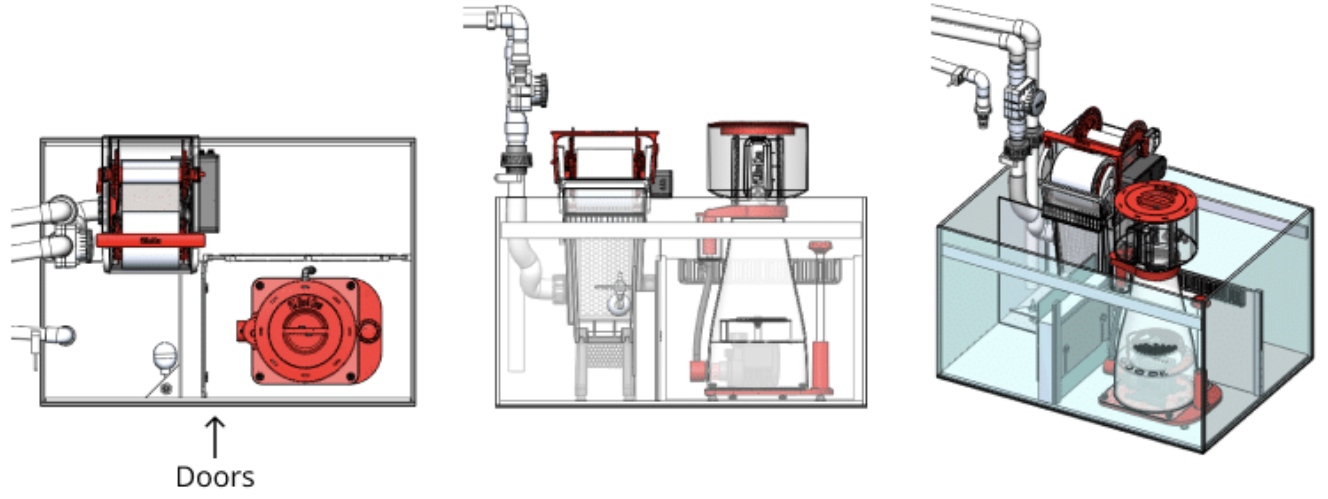
Option 2
Without refugium

Option 1: ReefMat & Refugium (without reservoir)

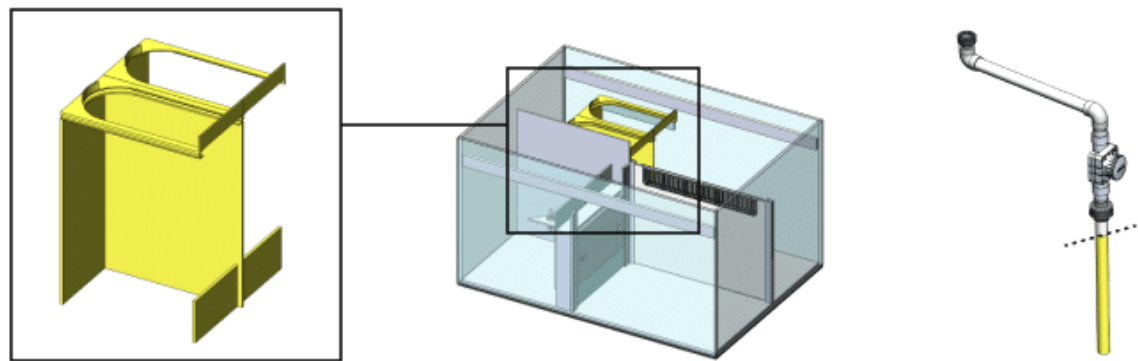
This option allows maximum utilization of the sump, gives optimal access for maintenance of the ReefMat 500 (freestanding leg installation) together with an RSK-600 skimmer, and leaves room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

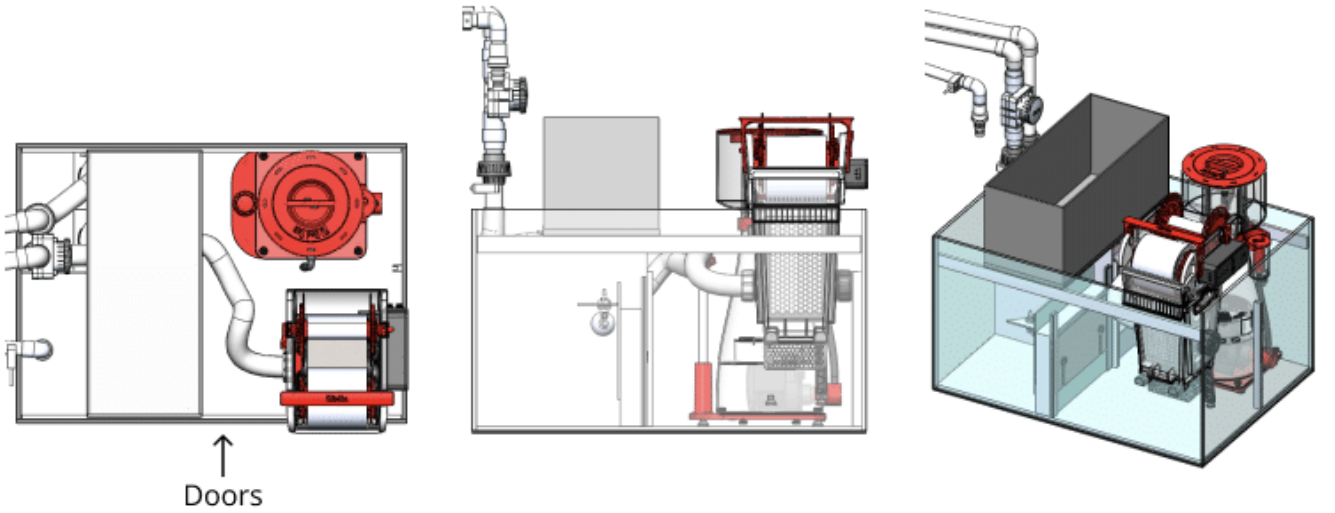


Option 2: ReefMat & Reservoir (without Refugium)

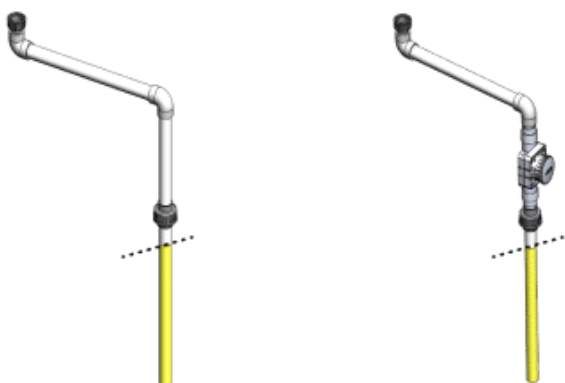
This option allows installation of the ReefMat 500 together with an RSK-600 skimmer without any modification to the sump or reservoir.

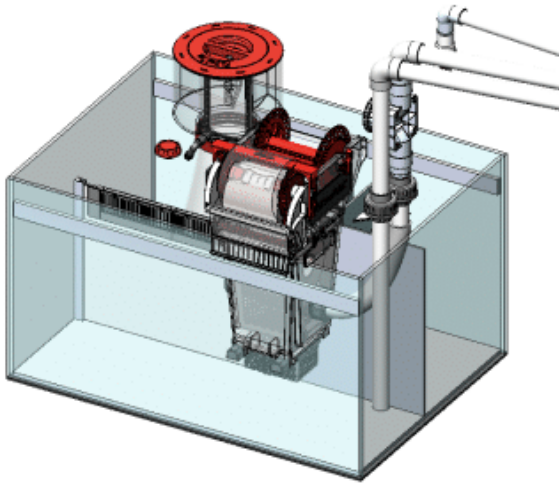
- This option, however, does not leave space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout

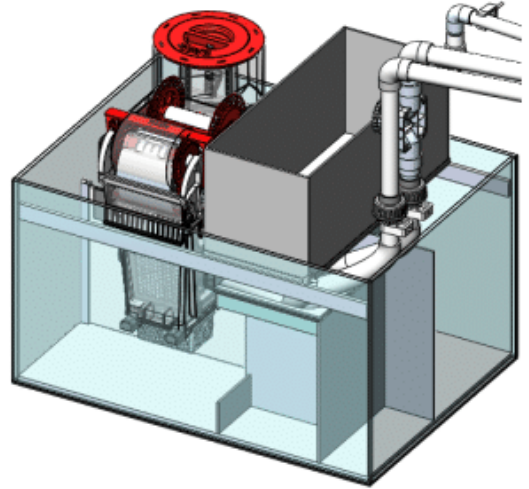


Required modification





Option 1
Without reservoir



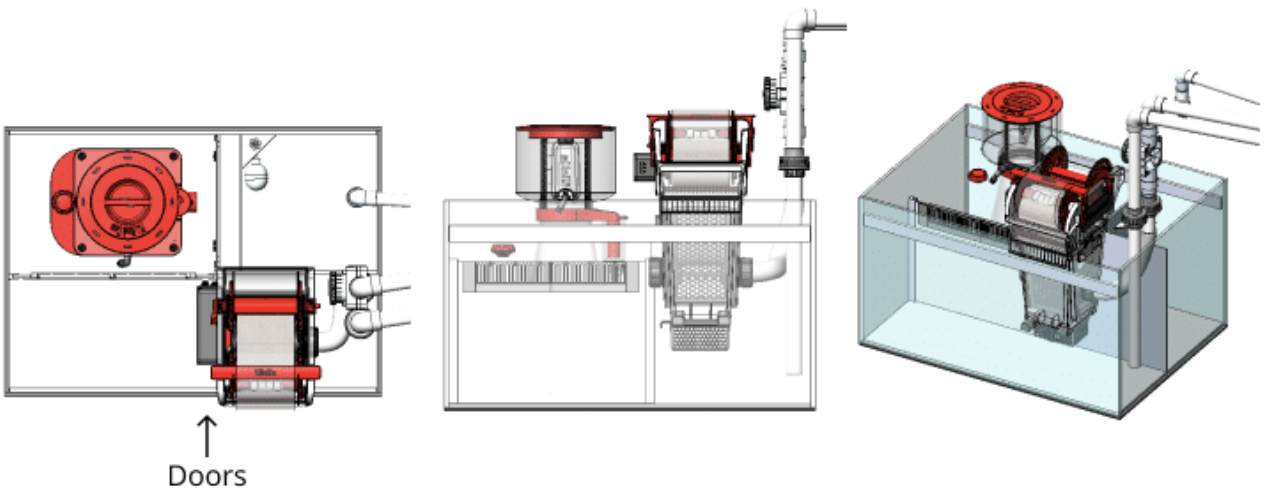
Option 2
Without refugium

Option 1: ReefMat & Refugium (without reservoir)

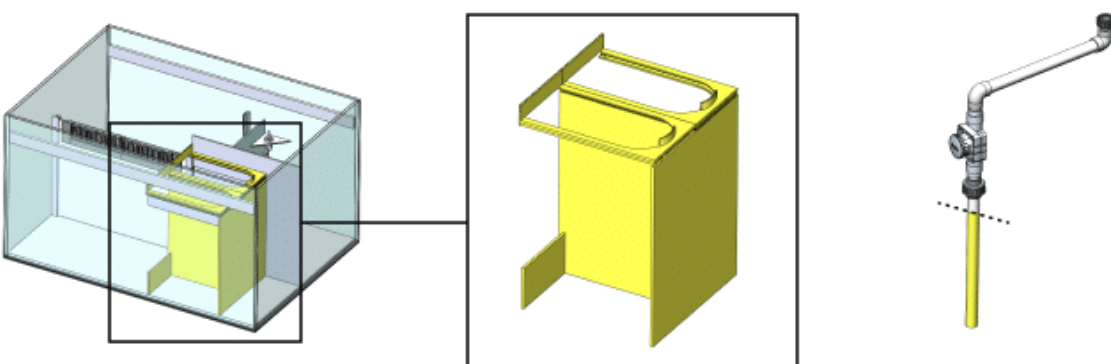
This option allows maximum utilization of the sump, gives optimal access for maintenance of the ReefMat 1200 together with an RSK-600 skimmer, and leaves room for additional equipment or a refugium (The ReefMat 500 is also suitably rated for this system and will provide more room in the sump).

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

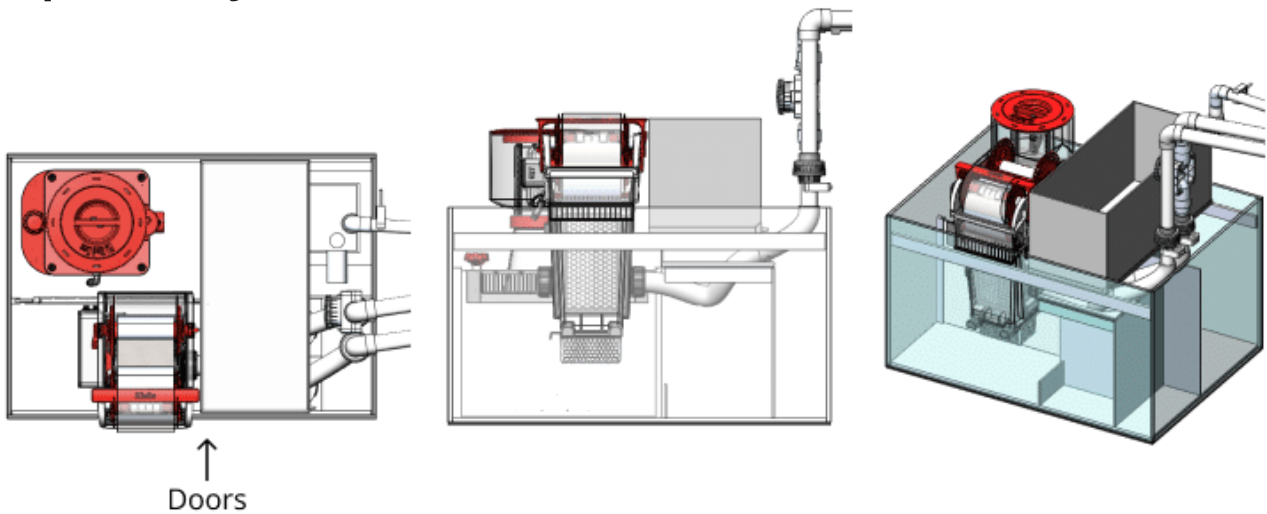


Option 2: ReefMat & Reservoir (without Refugium)

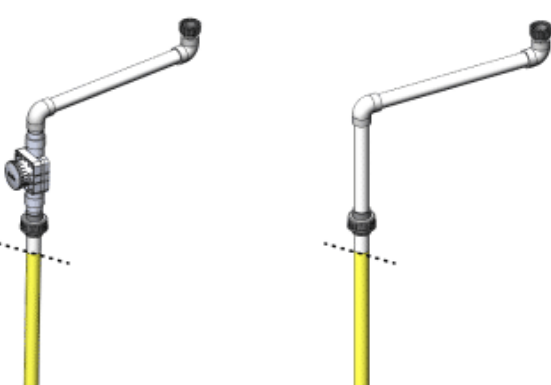
This option allows installation of the ReefMat 500 together with an RSK-600 skimmer without any modification to the sump or reservoir.

- This option, however, does not leave space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

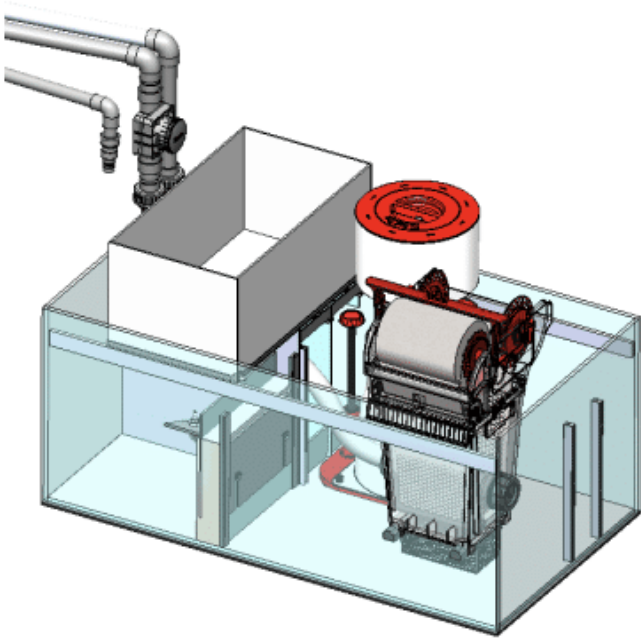
Equipment layout



Required modification



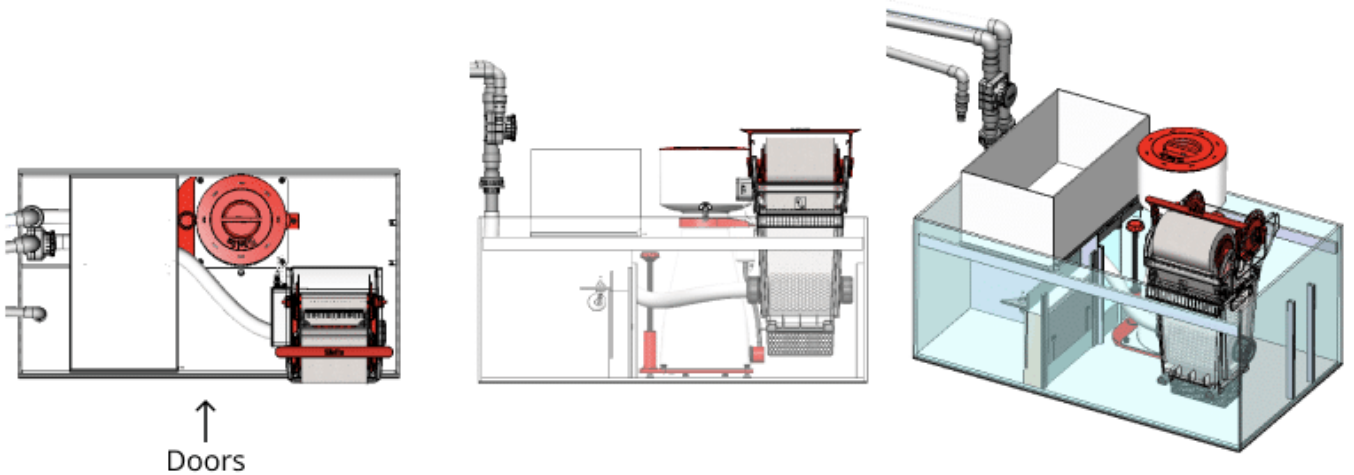
– Peninsula 650 Doors on Left



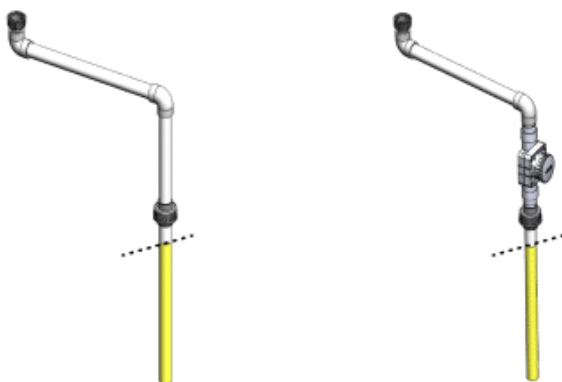
This option allows installation of the ReefMat 1200 together with an RSK-900 skimmer without any modification to the sump or reservoir.

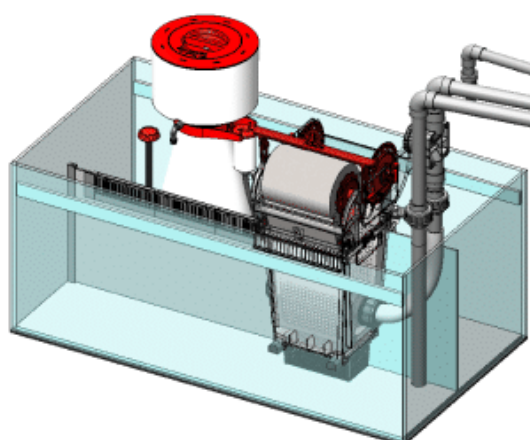
- This option, however, does not leave much space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout

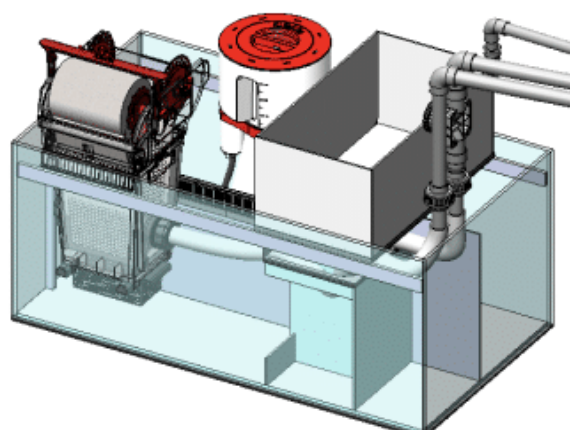


Required modification





Option 1
Without reservoir



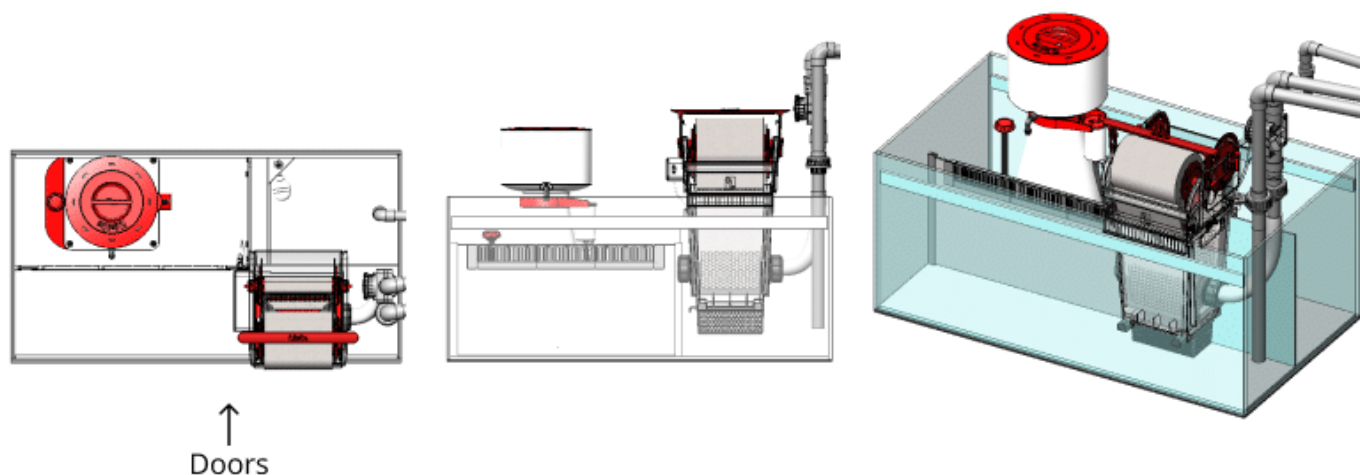
Option 2
Without refugium

Option 1: ReefMat & Refugium (without reservoir)

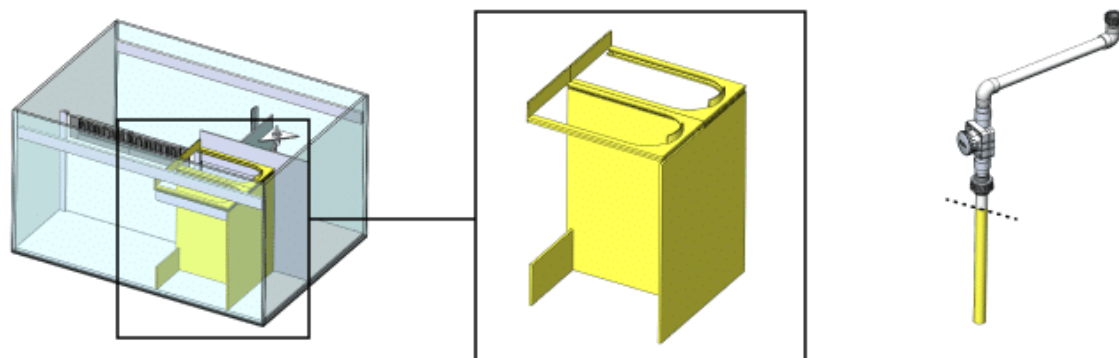
This option allows maximum utilization of the sump, gives optimal access for maintenance of the ReefMat 1200 together with an RSK-900 skimmer, and leaves room for additional equipment or a refugium.

- This option requires modification of the sump and removal of the ATO reservoir.
- Remove the sump components (shown below in yellow) by cutting the silicone that holds the plastic/glass parts in place.
- The valved downpipe will need to be shortened to attach the inlet hose of the ReefMat.

Equipment layout



Required modification

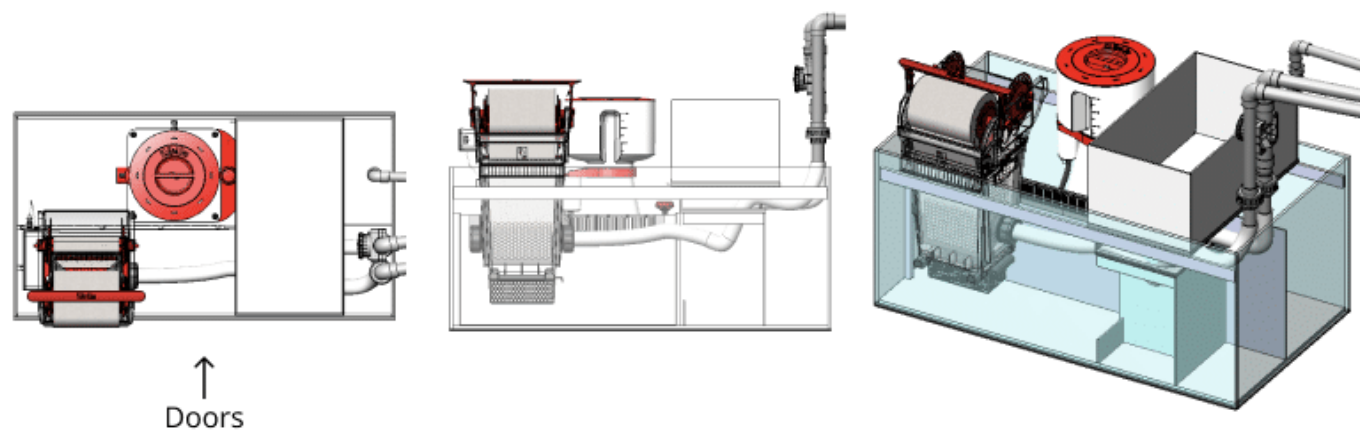


Option 2: ReefMat & Reservoir (without Refugium)

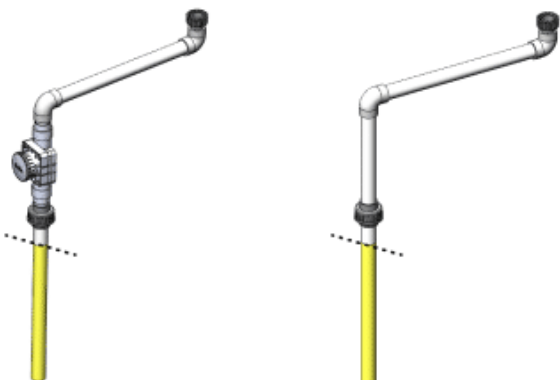
This option allows installation of the ReefMat 1200 together with an RSK-900 skimmer without any modification to the sump or reservoir.

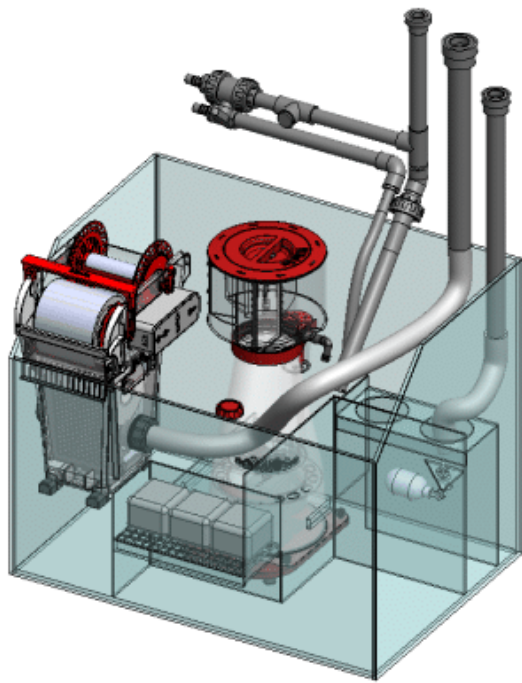
- This option, however, does not leave much space for a refugium or other equipment.
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



Required modification

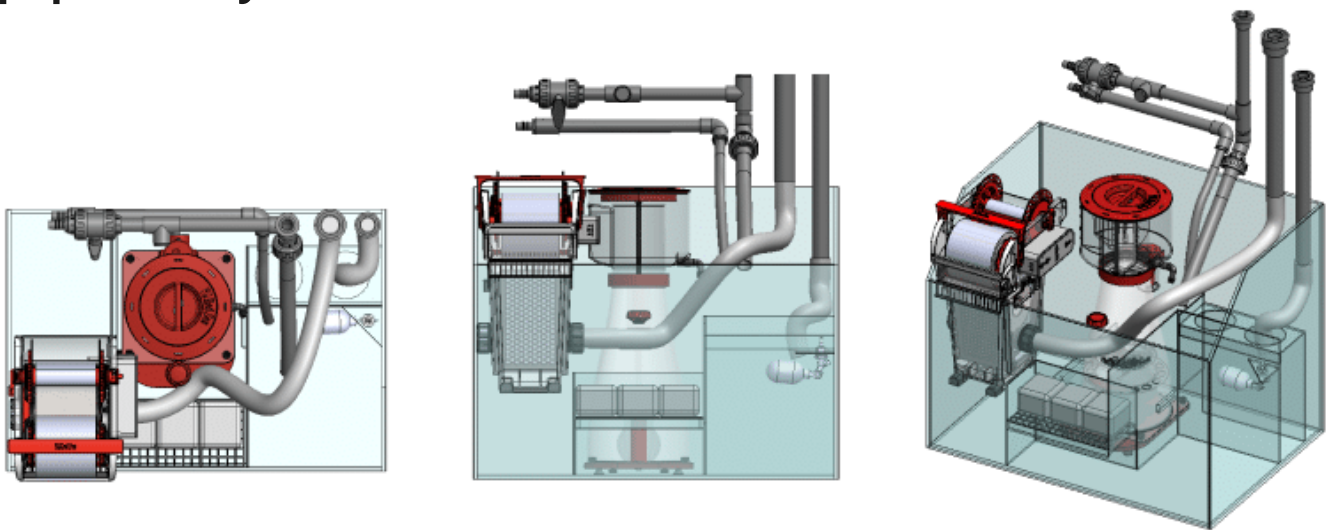




The ReefMat 500 should be installed in the left chamber of the sump without the media basket.

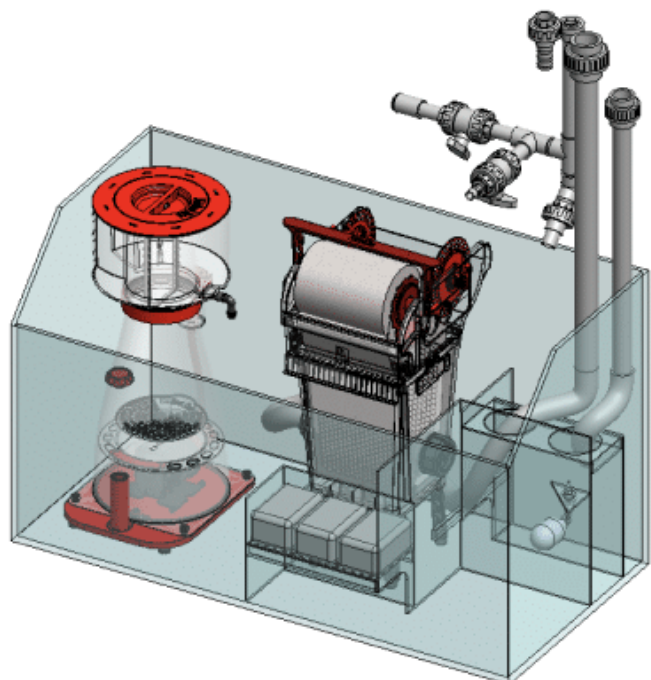
- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



Required modification

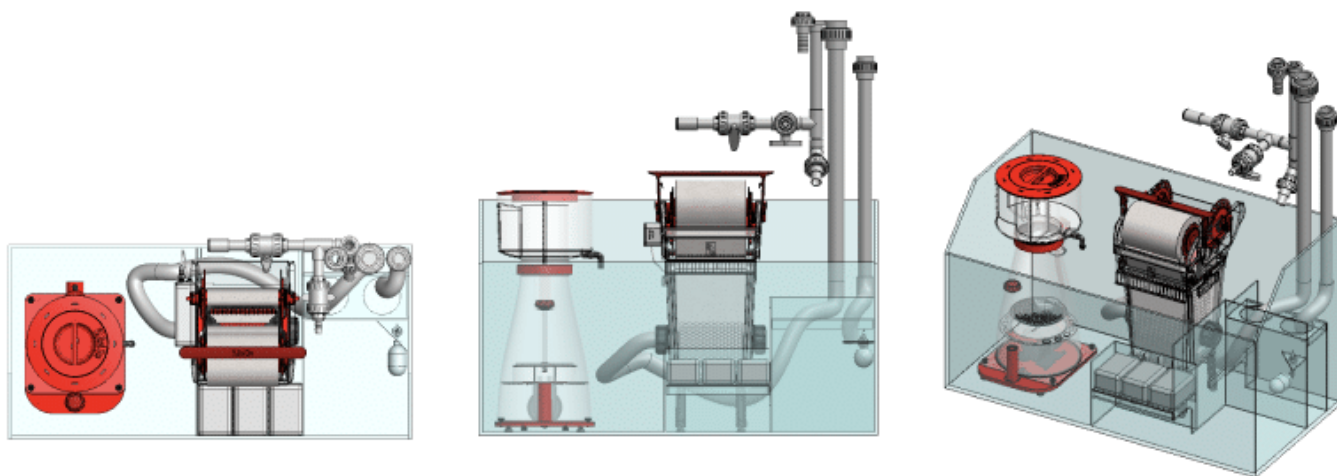




The ReefMat 1200 should be installed in the middle chamber of the sump without the media basket.

- Both the valved downpipe and overflow pipe will need to be shortened to bypass an unused dry area of the sump.

Equipment layout



Required modification

