



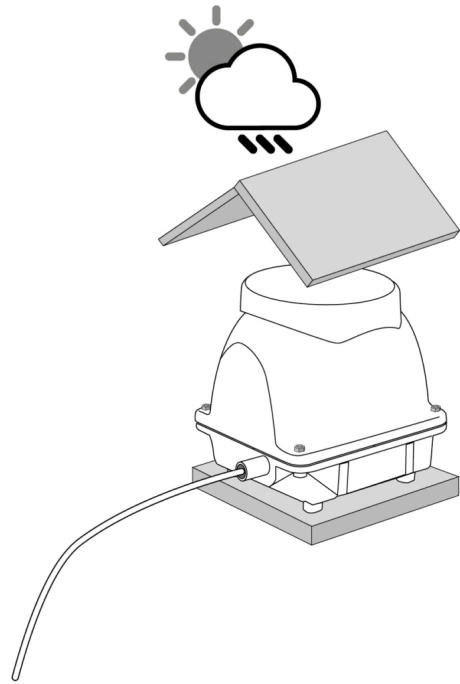
# **40 KII – 60 KII – 80 KII – 100 KII – 150 KII – 200 KII – 250 KII – 300 KII**

User manual

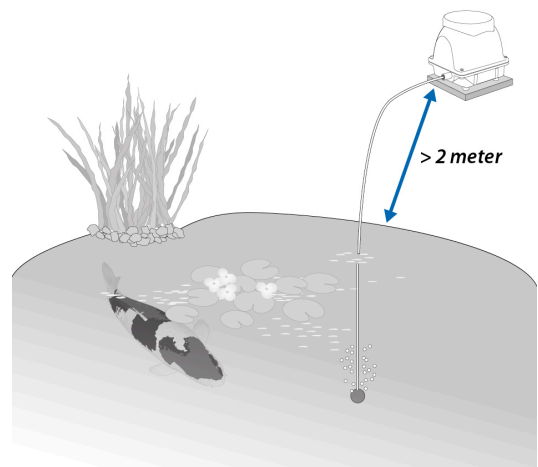
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# Installation

Make sure the air pump is in a dry, moisture and dust-free place, protected from rain, splashing water and flooding.



Do not install the pump directly above the water, so that it will not fall into the water in case of free fall. Place the air pump level on a stable surface at a minimum safety distance of 2 metres from the water.

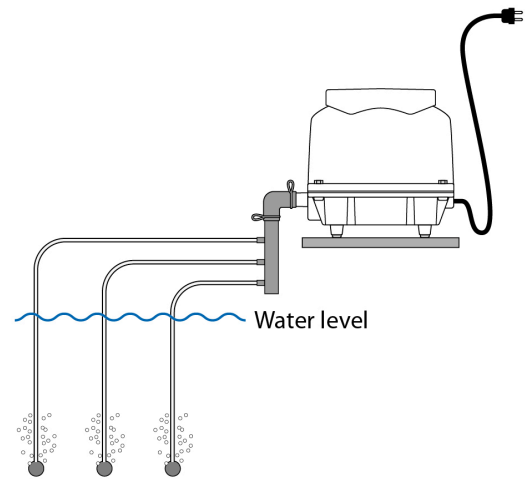


Always position the air pump above the water level otherwise the pump can fill up with water as a result of the siphoning effect. No warranties for damages caused by the air pump getting wet or water fill inside the air pump.

Connect a reinforced air hose to the pump using the supplied rubber coupling fitted with hose clamps.

Switch on the pump by plugging it into the power outlet.

**NOTE!** Do not lift the air pump by the filter cover.

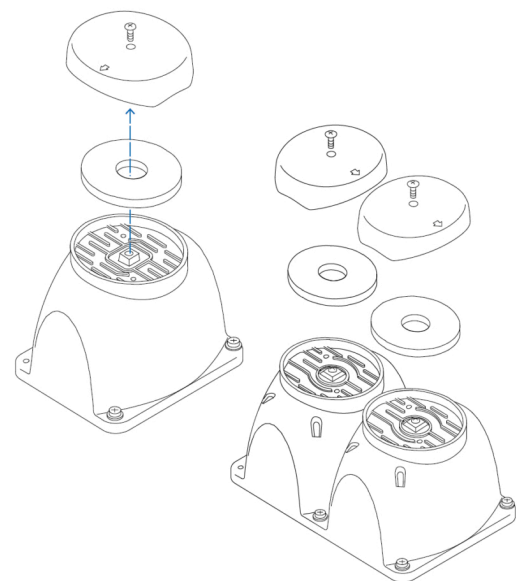


## Maintenance

Clean the air filter every 3 to 4 months.

To do this, loosen the screw(s) in the cover(s) and remove the cover from the air pump. Remove the air filter from the cover and clean it. Replace the cover after cleaning, do not over tighten the screw to prevent damage to the thread.

Replace the air filter every year. A new air filter is available from your FujiMac dealer (art. N7010585: FujiMac 40, art. N7010595: FujiMac 60/80/100/150/200/250/300)



# Diaphragm replacement

**Replace the diaphragms every year or when the pump produces less air and if the diaphragms are damaged. Diaphragms wear is normal and is not covered by warranty.**

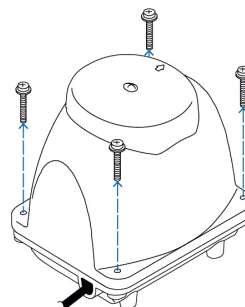
In the event of damage to the diaphragms or the compression chamber (valves), the Auto-Stop Function will engage (does not apply to FujiMac 40) and the air pump will stop. Solve the problem by replacing the damaged part(s).

New Diaphragms sets are available from your FujiMac dealer (art. N7010590: FujiMac 40, art. N7010600: FujiMac 60/80/100/150/200, art. N7010605: FujiMac 250/300). Please note: the FujiMac 150, 200, 250 and 300 models need 2 pair of Diaphragms sets!

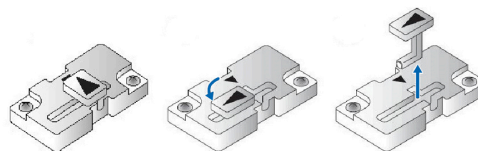
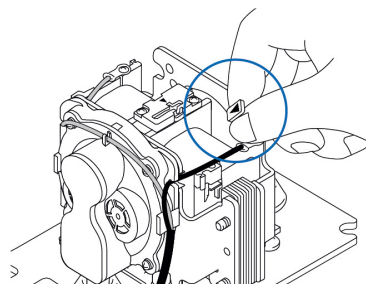


Always Unplug the device from the power outlet before performing maintenance!

Remove the 4 cover bolts by using a 8 mm box wrench.

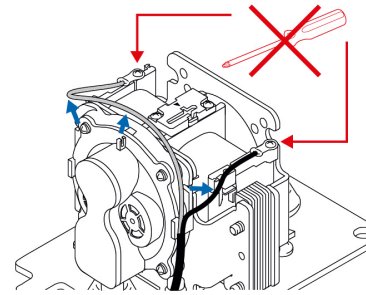


Remove the Auto-Stop piece (does not apply to FujiMac 40).



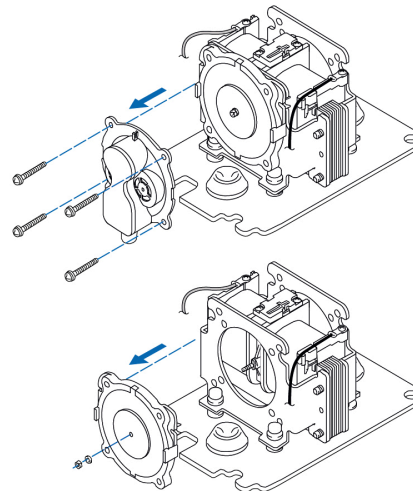
Remove the power cable from the 3 hooks.

**Attention!** Do not remove the screws.

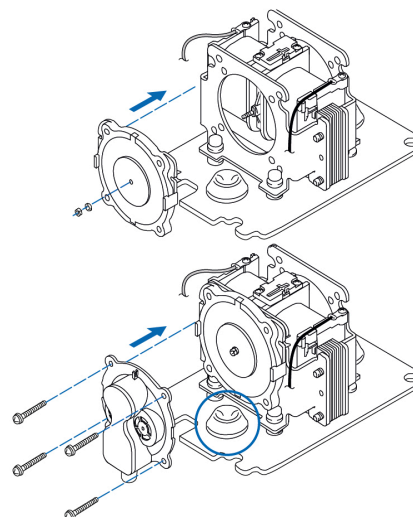


Remove the screws on both sides from the casing. Remove the nuts and take a the diaphragms of the body.

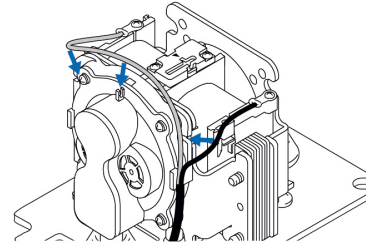
**⚠** Make sure the replace both sides of the diaphragm/casing assembly at the same time. Neglecting this note make cause early breakage of the diaphragms!



Place the new diaphragms, using the new nuts (tightening torque about 1 nm). Insert the casing air outlets into the grommets (make sure the grommets are not flipped over). And fix the casings with the screws on both sides.

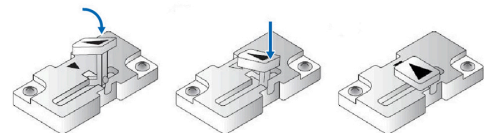
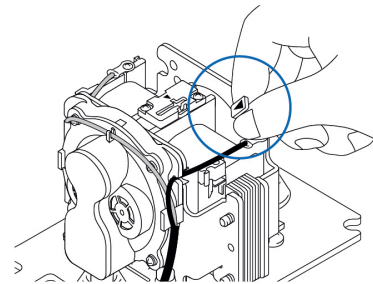


Place the cable back behind the hooks.

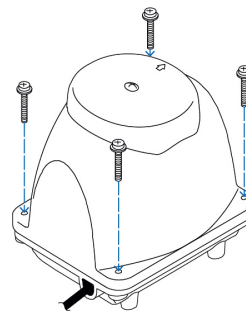


Set the Auto Stop piece (does not apply to FujiMac 40).

 Inspect the Auto-Stop piece function every time the diaphragm assembly is replaced!



Close the cover by fixing the cover bolts by using a 8 mm box wrench.



**Make sure to carry out a test operation and ensure that the air pump works properly after replacing the diaphragms!**

## Technical specifications

| Model       | 40                 | 60                 | 80                 | 100                |
|-------------|--------------------|--------------------|--------------------|--------------------|
| Power       | 27 watt            | 35 watt            | 47 watt            | 68 watt            |
| Output      | 2400 l/h           | 3600 l/h           | 4800 l/h           | 6000 l/h           |
| Pressure    | 0.012 MPa          | 0.015 MPa          | 0.015 MPa          | 0.018 MPa          |
| Noise level | 32 dB              | 35 dB              | 36 dB              | 39 dB              |
| Outlet Ø    | 18 mm              | 18 mm              | 18 mm              | 18 mm              |
| Size        | 182 x 161 x 189 mm | 182 x 161 x 189 mm | 182 x 161 x 189 mm | 182 x 161 x 189 mm |
| Weight      | 5.3 kg             | 5.3 kg             | 5.4 kg             | 5.4 kg             |

## Technical specifications

| Model       | 150                | 200                | 250                | 300                |
|-------------|--------------------|--------------------|--------------------|--------------------|
| Power       | 100 watt           | 140 watt           | 186 watt           | 250 watt           |
| Output      | 9000 l/h           | 12000 l/h          | 15000 l/h          | 18000 l/h          |
| Pressure    | 0.020 MPa          | 0.020 MPa          | 0.020 MPa          | 0.020 MPa          |
| Noise level | 41 dB              | 43 dB              | 48 dB              | 50 dB              |
| Outlet Ø    | 26 mm              | 26 mm              | 26 mm              | 26 mm              |
| Size        | 300 x 180 x 198 mm | 300 x 180 x 198 mm | 300 x 180 x 198 mm | 300 x 180 x 198 mm |
| Weight      | 9.9 kg             | 9.9 kg             | 9.9 kg             | 10.2 kg            |

## Safety & Warranty

[View the Safety & Warranty »](#)