

# Aerators

Air-Aqua has various types of aerators in its range:

- Stainless steel aerators available as bar or ring aerators in various dimensions.
- Air diffusers with EPDM membrane
- Air discs with EPDM membrane
- Sinking Airlines

The stainless steel aerators have a porous, air-permeable hose fitted into a stainless steel holder. This keeps the hose stable on the pond bed. The shape of the stainless steel holder ensures that the aeration hose 'hovers' above the bed and creates considerable water flow as well as good aeration. The aeration hose has hardly any resistance and is easy to replace when necessary.

It is ideal for moving bed filters or for placing directly into the pond.

Aeration bars are available in the following lengths: 250 mm, 500 mm and 1,000 mm.

Aeration rings are available in the following diameters: 400 mm, 500 mm, 600 mm and 800 mm.

The aeration hose has an external diameter of 25 mm and is also available separately.

Air-Aqua has a black sinking Airline in 3 different inner diameters available on a roll:

- 4 mm (100 meters / roll, outer diameter 7mm)
- 8 mm (50 meters / roll, outer diameter 13mm)
- 12 mm (30 meters / roll, outer diameter 18mm)

The air diffusers have a membrane across the length, delivering a curtain of air. As well as providing an optically pleasing effect, this diffuser ensures that the air bubbles are better distributed. Air bubbles 'clump' together less, which increases the oxygen uptake.

The air discs work in an identical way, with the difference being that these are round.

Air diffusers are available in the following lengths: 250 mm, 500 mm, 750 mm and 1,000 mm.

Air discs are available in the following diameters: 170 mm, 245 mm and 325 mm.



# Thomas air pumps

Air-Aqua is a Thomas air pump distributor. Thomas is part of Gardner Denver, a globally-operating American company with offices in over 30 countries. Thomas air pumps are of high industrial quality and are distinguished by their high efficiency and silent operation. The AP-60N has a noise level of 34 dB and the noise level of the larger AP-120 is just 38 dB.

The air pumps are available from 45 to 425 l/min at a working pressure of 200 mbar/2 metres' depth (except model AP-40: working pressure 120 mbar). The AP-80H delivers 125 l/min at 1 metre depth and 82 l/min at 2 metres' depth.

Technical specifications:	AP-40	AP-60N	AP60/80	AP-80H	AP-100	AP-120
Flow @ 120 mbar (l/min)	45					
Flow @ 200 mbar (l/min)		47	60	82	108	125
Working range (mbar)	50-200	100-300	100-300	100-300	140-300	160-300
Power @ 200 mbar (Watt)	29	31	41	73	99	128
Average noise level (dB(A))	34	34	34	35	37	38

Technical specifications:	LP-150HN	LP-200HN	LW-240	LW-300	LW-400
Flow @ 200 mbar (l/min)	150	200	240	350	425
Working range (mbar)	100-300	100-300	100-250	100-250	100-250
Power @ 200 mbar (Watt)	130	200	250	280	400
Average noise level (dB(A))	43	44	49	50	51

More specifications and all pump characteristics are available at [www.air-aqua.com](http://www.air-aqua.com).

