

NONAIR® Micro bubbles Separator



Applications

To separate big bubbles out of circulating water is easy, especially at a low flow rate. It is the micro bubbles and the high flow rate that is the problem. But not for **NONAIR®**. The construction will bring a part of the flow to a turbulence free space where the micro bubbles will be joined together to bigger air-bubbles. They will rise to the top of **NONAIR®** and out through the venting valve. After some days of operation the water will be free from air and all the inconveniences that air in water causes.

Operation figures

Capacity: No particular limitation
Pressure drop: Negligible (approx. 50 Pa at 1 m/s).

Design

Pressure class PN10 at 110°C. Socket for air outlet have 3/8" thread up to R40 and 1/2" from R/DN50. Reduction made of brass 1/2" x 3/8" is supplied. DN125 – DN250 has two sockets. DN300 – DN400 has three sockets. Socket for drainage have 3/8" thread up to R40, 1/2" from R/DN50 up to DN150 and 1" from DN200. The unit with **Socket connection** is made totally of acid-resistant stainless steel. Available with female and male threads. The unit with **Welding connection Stainless Steel** is made totally of acid-resistant stainless steel. Welding ends of stainless steel.

The unit with **Welding connection Carbon Steel** is made in Stainless Steel material 316L and has welding ends of steel acc. to DIN 17175.

The unit with **Flange connection** is made in Stainless Steel material 316L and has welding collars of acid-resistant stainless steel. Loose flanges PN10 of Silumin. Flanges PN16, acc. to DIN 2633, in carbon steel or stainless steel is optional.

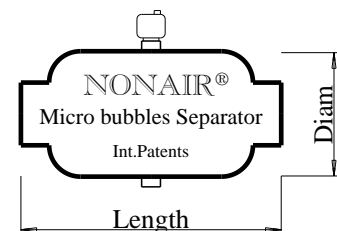
Dimensioning

Choose the same dimension as the connection pipe.



Advantages

- Eliminates automatically all air out of the water in heating- and cooling systems.
- Full flow through, no risk for clogging up, reliable.
- Negligible flow resistance, works even at high flow rates.
- Optional flow direction.
- Low extension height, low weight, simple installation.
- Completely made of acid-resistant stainless steel 316L



Technical figures

Dim.	Conn- ection	Length mm	Diam mm	Weight kg	Volume litre
R20	Socket Female	140	70	0,6	0,5
R25		145	70	0,6	0,5
R32		180	90	1,0	0,8
DN50	Weld	280	129	1,5	3
DN65		340	154	1,8	5
DN80		380	168	3,5	6
DN100		420	204	5,1	8
DN125	ends	470	256	6,8	16
DN150		520	306	10	25
DN200	Stain- less	620	406	26	56
DN250		880	456	44	103
DN300	Steel	920	550	68	165
DN350		1050	608	86	225
DN400		1140	700	122	329
DN50		Weld	330	129	1,7
DN65	390		154	2,1	5
DN80	430		168	3,8	6
DN100	480		204	5,6	8
DN125	ends	530	256	7,4	16
DN150		580	306	11	25
DN200	Carbon Steel	680	406	28	56
DN250		940	456	50	103
DN300		980	550	77	165
DN350		1110	608	97	225
DN400	1200	700	135	329	
R25	Socket Male	145	70	0,6	0,5
R40		180	90	1,0	0,8
R50		330	129	1,9	3
DN50	Flange	305	129	3,2	3
DN65		365	154	4,2	5
DN80		405	168	6,5	6
DN100		455	204	8,7	8
DN125	ends	505	256	11	16
DN150		555	306	16	25
DN200	Stain- less	660	406	35	56
DN250		920	456	60	103
DN300	Steel	965	550	112	165
DN350		1095	608	147	225
DN400		1185	700	195	329

Manufacturer:

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