



# Aqua Static-Mixer

Made in Norway

 **Aquaservice**

Our **Aqua Static-Mixer** is made from HDPE, enabling us to produce bespoke Aqua Static-Mixer to suit any requirement.



# Aqua Static-Mixer

HDPE-PRODUCT

Made in Norway

**Aqua Static-Mixers** work by using a forced flow to combine mixable and unmixable substances into a consistent substance.

**Aqua Static-Mixers** have no moving parts, there are mixing elements inside the pipe. These mixing elements create a controlled turbulence inside the static mixer which encourages the substances to blend together.

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## Aqua Static-Mixer is a static mixer which uses a four-step mixing process

- First step** After the insertion point there is a pre mixer, this causes minor turbulence and will start the mixing process.
- Second step:** The change of dimension with a mixer. The change of dimension is mixing the fluids, with a turbulence enhancement device.
- Third step:** The spin mixing stage. The fluids will rotate and mix due to the spin mixing device.
- Fourth step:** Similar to step two, but with an opposite change of dimension with a turbulence enhancer.



## Aqua Static Mixers data

Model	Max recommended flow	Standard length*	Injection point**	Analysis point**	SDR
DN40	15	700	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN50	25	700	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN65	35	900	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN80	50	900	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN100	95	1000	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN125	120	1100	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN150	200	1200	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN200	310	1200	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN250	475	1400	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN300	600	1600	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11
DN350	760	1800	2 x 1/2 inch BSP	1 x 1/2 inch BSP	11

\*Can be customised according to customer preference.

\*\*Size and quantity can be customised according to customer preference



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