

OMEGA SHAPE WATER SEPARATOR



Biogas from anaerobic mixing process content high level of moisture. Condensate moisture and water along piping system with H_2S will form sulphuric acid together with unwanted particle and dust. With measuring instruments and rotating equipment at downstream which are sensitive to water and duct, cumulative of these in long period will shorten the instruments life span. In order to reduce biogas plant down time, system efficient to remove water and dust is vital.

Technical Data

Model	WS4/WS6 / WS8 / WS10/WS12/WS16/WS18
Flow range	200 up to 3,000m ³ /hr
Pipe size	4 inch - 18 inch
Pipe flange	JIS10K and ANSI
Drain valve	Auto drain mechanical float valve
Pressure drop	10mbar (pending on filter service internal)
Max operating pressure	1 bar

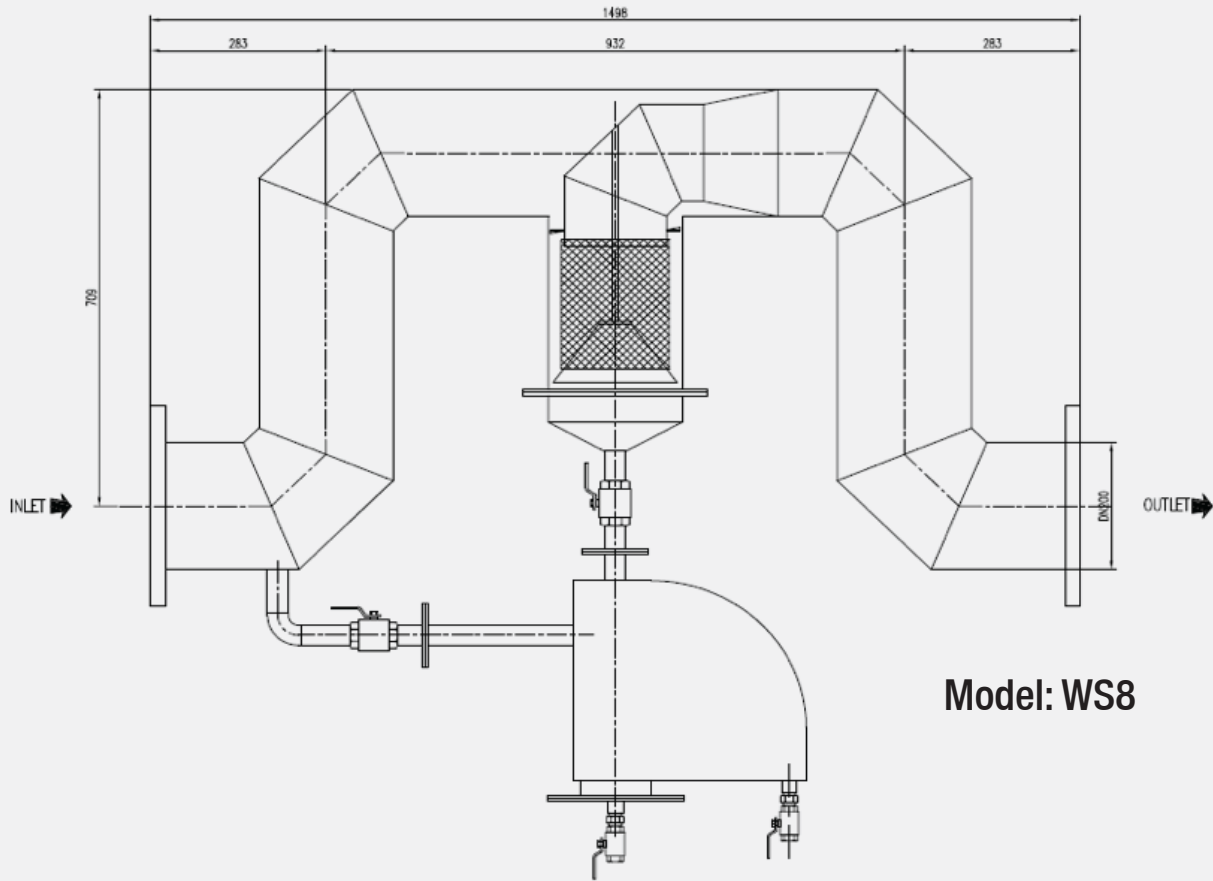
Material

Body	SuS304
Gasket	EPDM
Filter element	SuS301 with 50 micron

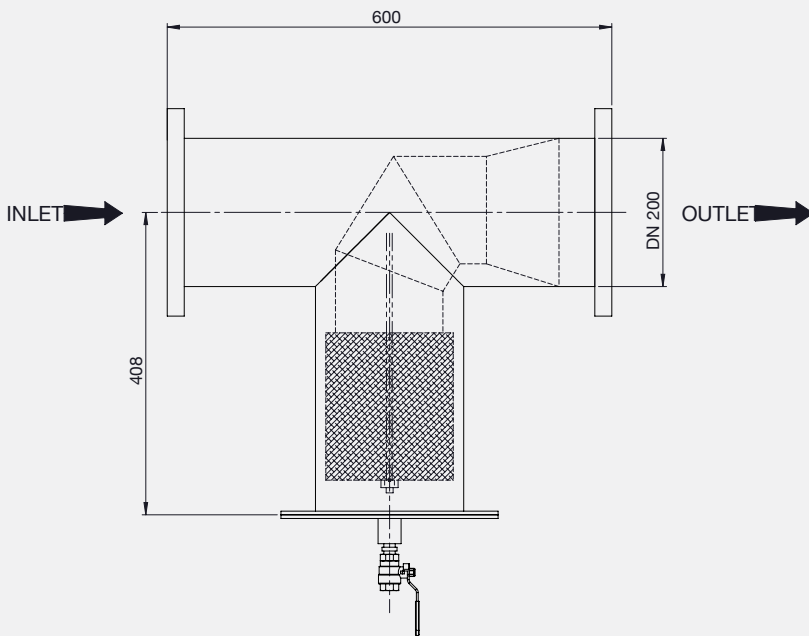
Service / Maintenance

Filter service interval	6 months interval depending on dust level
Filter element life span	18-24 months





Model: WS8



8 inches SuS Filter



flame arrester element clogged with dust and particle

