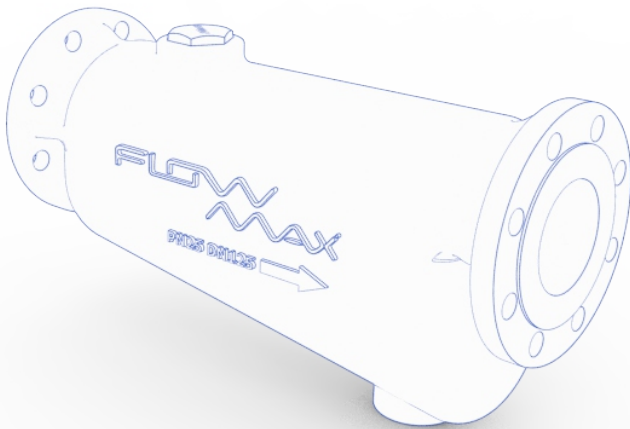


# Baffle Type Steam Separator SS-12 Series

Pressure Equipment Steam Separator Systems

## Description



## Description

The purpose of the steam separator is to provide a dry and clean steam.

Separator working principle, it is not possible to collect all water droplets at the bottom of pipe cross-section. For this reason, steam containing water particles is operated by centrifugal movement as it enters the separator. Since the separated particles will be collected in the subsection, they can be discharged with a steam trap. This separator can be used for compressed air or gas systems.

Wet steam is a major concern in a steam system as it can cause process and maintenance problems, including lower productivity, erosion and corrosion. Separators are designed to efficiently remove the moisture from steam flow.

For different types of steam separator please consult Flowmaxi for further details.

## Requests and alerts

- Protect and maintains service of downstream pipeline equipment.
- Higher pressure ratings available upon request .
- The system must be connected in the direction shown by the arrow.
- Make steam trap connections.
- Horizontal connection is not appropriate.
- Never disassemble the inspection plug and steam trap line while there is pressure.
- The first nut bolt connection may be loose. Tighten the bolts during use.
- EN norms is standart, ASME norms are available on request.

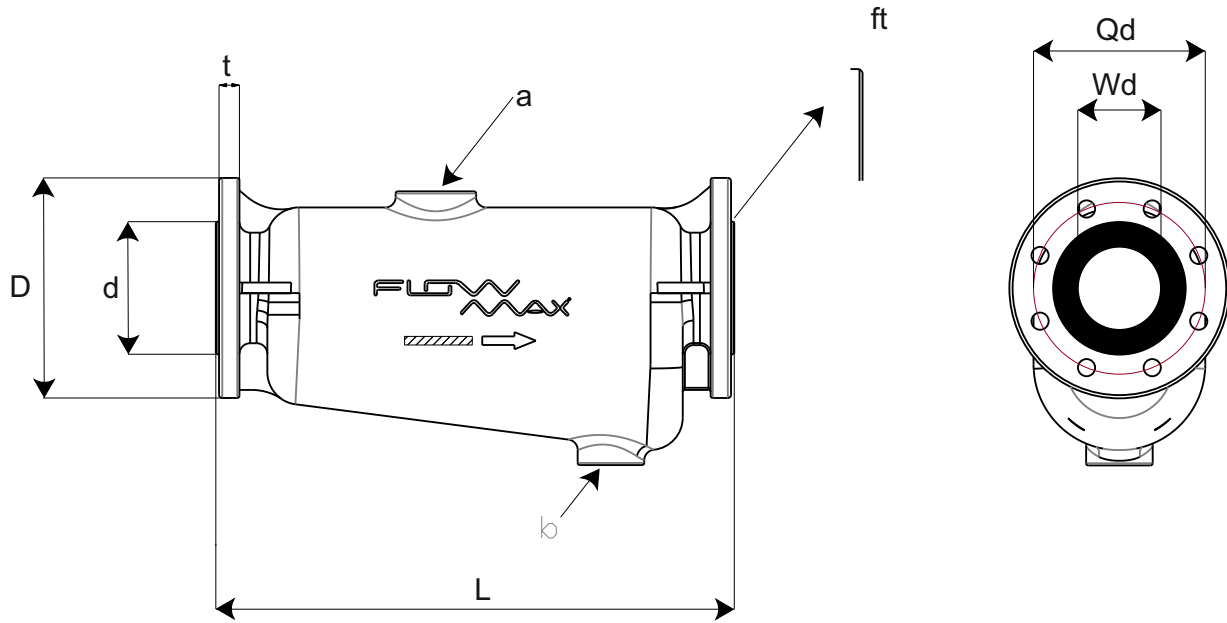


Note: All certification/inspection requirements must be stated at the time of order placement.

# Baffle Type Steam Separator SS-12 Series

Pressure Equipment Steam Separator Systems

## Dimensions & Information



### Technical Data

DN	PN	a	b	t	d	ft	D	L	Qd	Wd	Number Of Bolts	bd
32	16	1"	3/4"	18	78	2	140	356	100	32	4	18
	25	1"	3/4"	18	78	2	140	356	100	32	4	18
	40	1"	3/4"	18	78	2	140	356	100	32	4	18
40	16	3/4"	1-1/4"	18	88	3	150	370	110	40	4	18
	25	3/4"	1-1/4"	18	88	3	150	370	110	40	4	18
	40	3/4"	1-1/4"	18	88	3	150	370	110	40	4	18
50	16	2"	1-1/4"	18	102	3	165	457	125	50	4	18
	25	2"	1-1/4"	20	102	3	165	457	125	50	4	18
	40	2"	1-1/4"	20	102	3	165	457	125	50	4	18
65	16	2"	1-1/4"	18	122	3	185	476	145	65	8	18
	25	2"	1-1/4"	22	122	3	185	476	145	65	8	18
	40	2"	1-1/4"	22	122	3	185	476	145	65	8	18
80	16	2"	1-1/4"	20	138	3	200	483	160	80	8	18
	25	2"	1-1/4"	24	138	3	200	483	160	80	8	18
	40	2"	1-1/4"	24	138	3	200	483	160	80	8	18
100	16	2"	1"	20	158	3	220	645	180	100	8	18
	25	2"	1"	24	168	3	235	645	190	100	8	22
	40	2"	1"	24	168	3	235	645	190	100	8	22
125	16	2-1/2"	2"	22	188	3	250	705	210	125	8	18
	25	2-1/2"	2"	26	188	3	270	705	220	125	8	26
	40	2-1/2"	2"	26	188	3	270	705	220	125	8	26
150	16	2-1/2"	2"	22	212	3	285	705	240	150	8	22
	25	2-1/2"	2"	28	218	3	300	705	250	150	8	26
	40	2-1/2"	2"	28	218	3	300	705	250	150	8	26

PN16 flange for DN 65 has 8 bolt holes as standart, 4 bolt holes are available on request.

Note: All certification/inspection requirements must be stated at the time of order placement.