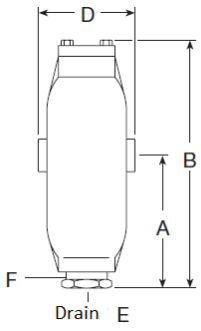
DS1 Steam-Water Separator

Application

This is a baffle-type steam-water separator used to remove liquid droplets from steam or compressed air.



Dimension drawing



Features

- When the fluid enters the separator and encounters the baffle, It will generate rotational motion and, with the help of centrifugal force, impulse, and vortex action, separate the heavier condensate and other droplets from the lighter vapor stream.
- The spiral baffle structure design improves the separation capability.
- Compact and simple structure, easy to install.
- It can be used with steam or compressed air.

Specifications

Model		DS1
Applicable pressure		16kgf/cm²
Applicable temperature		Below 300℃
End connection		PT Screw (Flange type can be customized)
Materials	Body	WCB
	Cover	WCB
	Baffle	WCB
Hydraulic test pressure		1.5 times of applicable pressure

Dimensions

SIZE	A	B	D	E	Weight(kg)
15(1/2")	156	270	130	1/2"	4.8
20(3/4")	156	270	130	1/2"	4.8
25(1")	200	355	150	1/2"	8.0

Installation Guide

- It should be installed on a horizontal pipe with the discharge outlet pointing vertically downwards.
- To ensure the rapid discharge of the separated liquid, a suitable steam trap should be connected to the drain outlet.
- Adding an insulation jacket can improve the performance of the steam-water separator.