



### Description

The SCSEP16 is full stainless steel bodied separator for purified fluid application, stainless steel processes and humidification services. Internal tailored construction (conical cyclone) causes centrifugal force which separates the droplets and liquids from the steam, air and other gas systems. Finally, the collected water droplets will be discharged through steam trap or air/gas trap.

### Fluids handled

Saturated steam  
Compressed air  
Gas service

### Sizes and connections

Screwed - BSP 1/2" to 2"

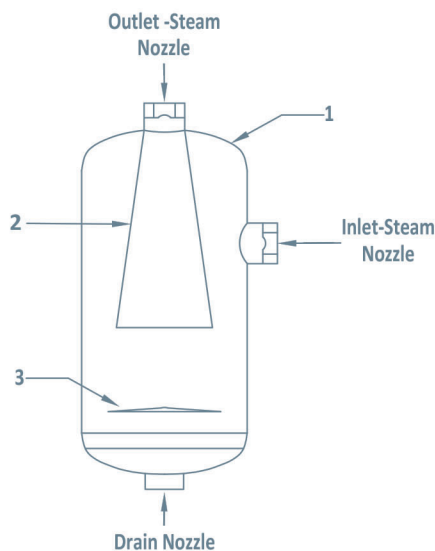
### Limiting Conditions

Body design conditions	PN16
Maximum allowable pressure (PMA)	16 bar g @ 100 °C
Maximum allowable temperature (TMA)	300 °C @ 11 bar g
Maximum operating pressure (PMO)	13.8 bar g
Maximum operating temperature (TMO)	200 °C
Cold hydraulic test pressure	24 bar g

### Materials

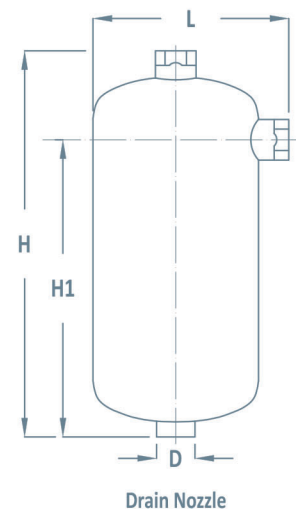
NO.	Part	Material	
1	Body	Stainless Steel	304
2	Spreader-Gathering Conical Cyclone	Stainless Steel	304
3	Liquid-gaseous separator plate	Stainless Steel	304

\* 316 stainless steel material is applicable, upon request.



### Dimensions and weights (mm and kg)

Size (DN)	L	H	H1	D (Drain)	Weight
15	100	345	240	1/2"	
20	130	410	290	1/2"	
25	130	430	310	1/2"	
32	170	440	330	1/2"	
40	230	480	340	1/2"	
50	230	540	400	1/2"	



### Safety information, installation and maintenance

The SCSEP16 stainless steel separator is specifically designed for high-efficiency stainless steel processes. It must be installed in a horizontal plane with the drain directly below. It is free-maintenance with high reliability to separate the existing water droplets in the fluid flow and discharge them through suitable steam trap or air/gas trap connected to the drain point.

\*For full details, see the Installation and Maintenance Instructions, supplied with the product.