Stainless Steel Drain Separator

DS-10/DS-10F

Prevents Condensate-Related Problems



All-stainless-steel construction provides outstanding durability and highly efficient condensate separation.

YOSHITAKE

■Features

Product features

- Durable all-stainless-steel construction
- Simple design with excellent condensate separation performance
- Integrated structure reduces maintenance requirements

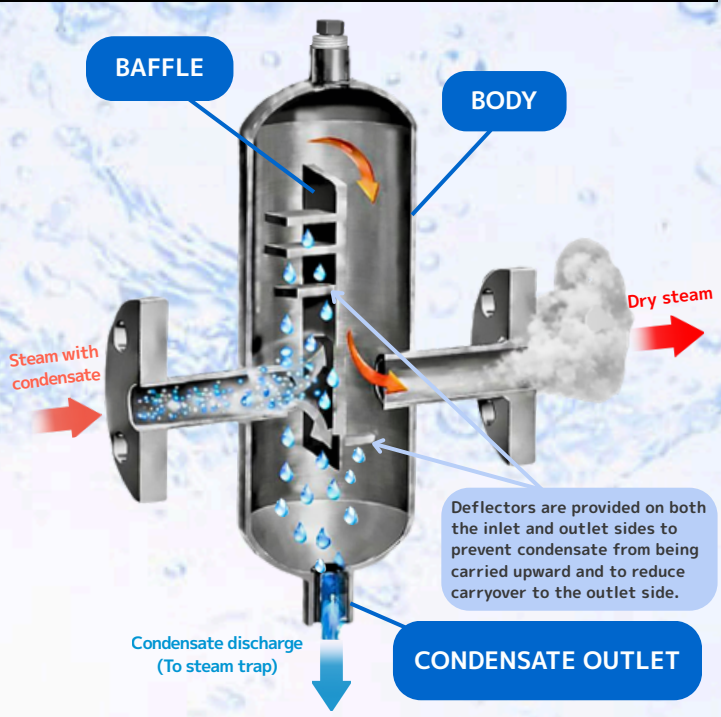
Benefits of the Drain Separator

The drain separator provides the following benefits:

- Improves steam dryness, helping to maintain high-quality saturated steam with high heat energy
- Prevents wear and erosion of piping systems and equipment components caused by condensate and water droplets
- Reduces equipment warm-up time

Baffle-Type Operating Principle

When steam or air containing condensate enters the separator, it strikes the internal baffle and is separated. Heavier moisture and particles such as condensate fall to the bottom and are discharged through the condensate outlet, while dry steam or air flows over the top of the baffle and exits through the outlet.



■Specification

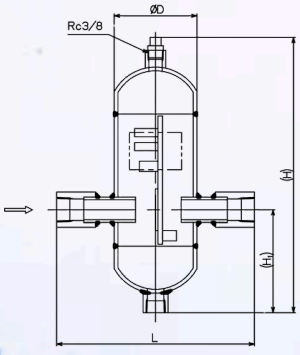
Model		DS-10	DS-10F
Nominal Size		15A～50A	15A～65A
Application		Steam, Air, Hydrogen gas, Other non-dangerous gases *1	
Max. Pressure		2.0MPa *2 (Less than 1.0MPa with air, hydrogen gas, and other non-dangerous gases)	
Max. Temperature		220℃ *2	
Material	Body	Stainless Steel	
Connection *3		JIS Rc・NPT	JIS 10KFF（15A～65A）・EN PN25RF(15A～50A)
Condensate Outlet *4		Rc1/2(15A～32A)・Rc1 (40A～65A)	
Installation Position		Horizontal	

*1 If the product is used with flammable fluid including hydrogen gas, please contact us.
*2 The pressure-temperature rating is based on JIS B2220 and EN 1092-1 standards.
If the connection is JIS 10K FF flange, the maximum pressure is 1.0 MPa.
*3 For connection types other than those listed above, please contact us.
*4 If the connection is NPT, the condensate outlet is also NPT.

■Dimensions

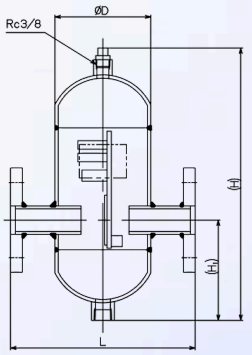
●DS-10 (mm) (kg)

Nominal size	L	H_1	H	D	Weight
15A	182	112	272	76	3.0
20A	212	111	296	89	3.8
25A	244	120	325	114	5.0
32A	276	157	405	133	8.8
40A	308	167	472	168	12.8
50A	336	201	537	168	15.0



●DS-10F (mm) (kg)

Nominal Size	L	H_1	H	D	Weight
15A	160	112	272	76	3.5
20A	200	111	296	89	4.6
25A	220	120	325	114	6.5
32A	260	157	405	133	11.0
40A	290	167	472	168	14.8
50A	330	201	537	168	17.5
65A	400	239	635	219	35.0



⚠ Caution: To ensure safe operation, be sure to read the instruction manual before use.

Yoshitake Inc. 2-27-1, Gokiso-tori, Showa-ku, Nagoya, Aichi, 466-0015, Japan
International Dept. Phone: +81 50 3508 5838

The specifications and descriptions in this catalog include illustrative images and are subject to change without prior notice. Reproduction of this catalog is prohibited.
Copyright ©2026 by YOSHITAKE, Inc. All rights reserved.