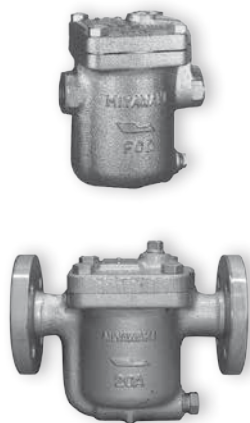
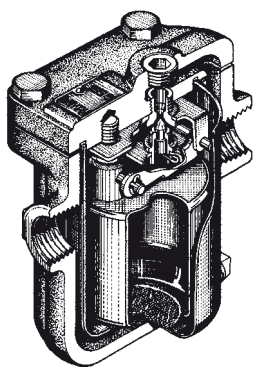
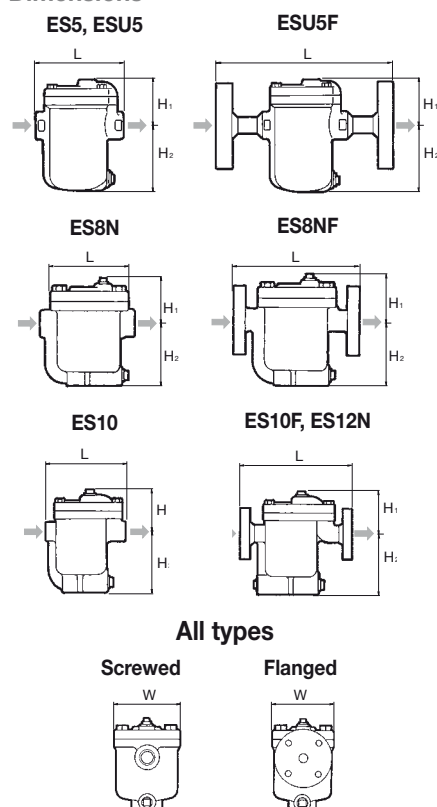
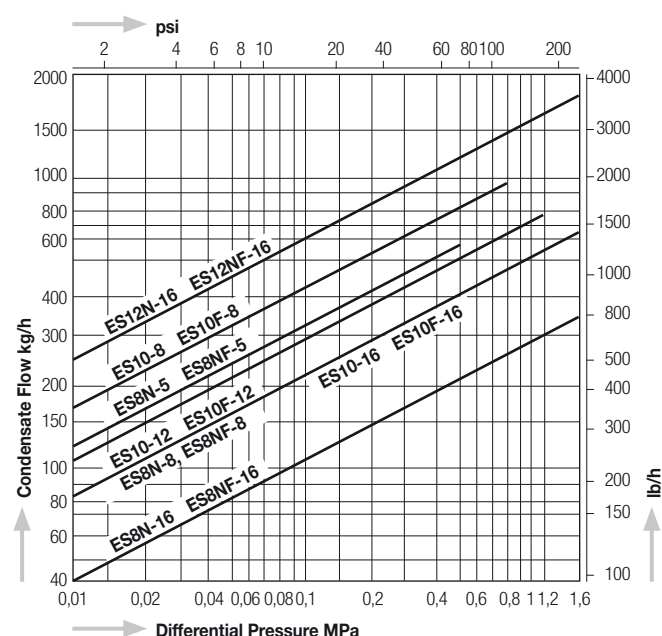
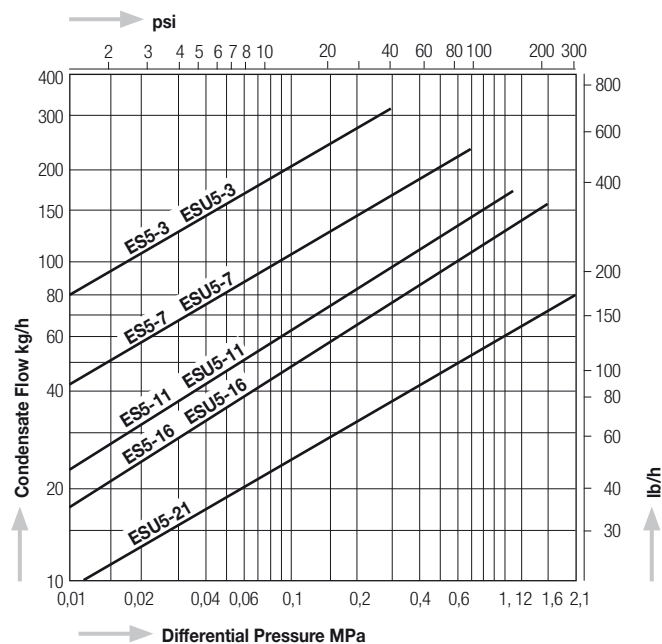


ES**Dimensions****Available options**

Depending on the Maximum Operating Pressure the following types are available:

	Max. Operating Pressure	
	Model	MPa psig
ES5 -	3	0,3 43
	7	0,7 100
	11	1,1 160
	16	1,6 230
ESU5 -	3	0,3 43
	7	0,7 100
	11	1,1 160
	16	1,6 230
ESU5 - 21	2,1	300
	ES8N - 5	0,5 73
	ES8N - 8	0,8 116
	ES8N - 16	1,6 230
ES10 -	8	0,8 116
	12	1,2 174
	16	1,6 230

Capacity Charts ES

Model	Connections	Size (in)	Max. Operating Pressure		Max. Operating Temperature		Dimensions (mm)				Dimensions (in)				Body Material	Weight					
			MPa	psig	°C	°F	L	H ₁	H ₂	W	L	H ₁	H ₂	W		kg	lb				
ES5	Screwed Rc, NPT	½"	1,6	230	350	662	103	59	67	75	4.1	2.3	2.6	3.0	Ductile Cast Iron FCD450	1,9	4.2				
		¾"					105	57	69		4.1	2.2	2.7			1,9	4.2				
		1"					109				4.3					2,0	4.4				
ESU5	Screwed Rc, NPT	½"	2,1	305			103			75	4.1	2.2	2.7	3.0	Stainless Steel SCS13A	1,9	4.2				
		¾"					105	57	69		4.1					2,0	4.4				
		1"					109				4.3					2,1	4.6				
ESU5F	Flanged JIS, ASME, DIN	½"					175			75	6.9	2.2	2.7	3.0		3,5	7.7				
		¾"					195	57	69		7.7					3,7	8.2				
		1"					215				8.5					4,1	9.0				
ES8N	Screwed Rc, NPT	½"	1,6	230			350	662	130	73	90	100	5.1	2.9	3.5	3.9	Ductile Cast Iron FCD450	3,7	8.2		
		¾"							135										5.3	3,9	8.6
		1"							175				73					90	6.9	2.9	3.5
ES8NF	Flanged JIS, ASME, DIN	½"			195					100	7.7	2.7	3.7	3.9	5,7	12.5					
		¾"			215	68			95		8.5				6,8	15.0					
		1"																			
ES10	Screwed Rc, NPT	¾" – 1½"	1,6	230	220	428	190	102	134	120	7.5	4.0	5.3	4.7	Cast Iron FC250	9,3	20.5				
ES10F	Flanged JIS, ASME, DIN	½" – 1"					254			10.0	4.0	5.3	4.7	12,7		28.0					
		1¼" – 2"					260	102	134	10.2				14,2		31.2					
		ES12N		½" – 1"			1,6	230	270	140	140	120	10.6	5.5		5.5	4.7	13,5	29.7		
1¼" – 2"	280			150					130	11.0	5.9		5.1	15,1		33.2					