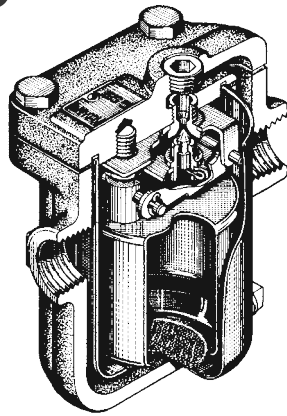
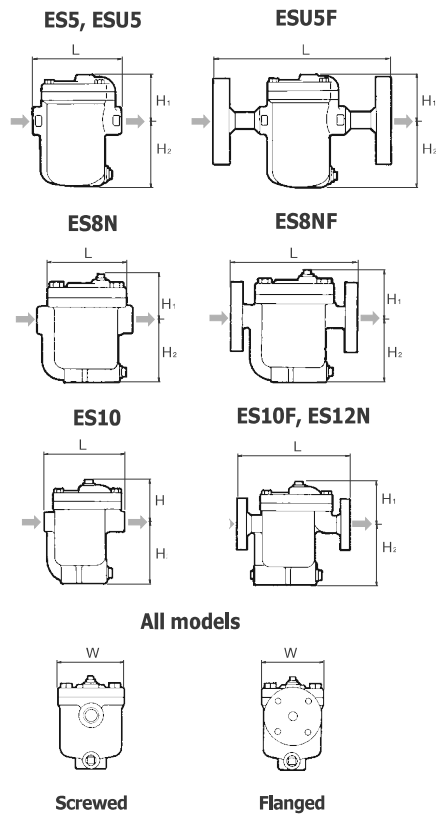


ES



Dimensions

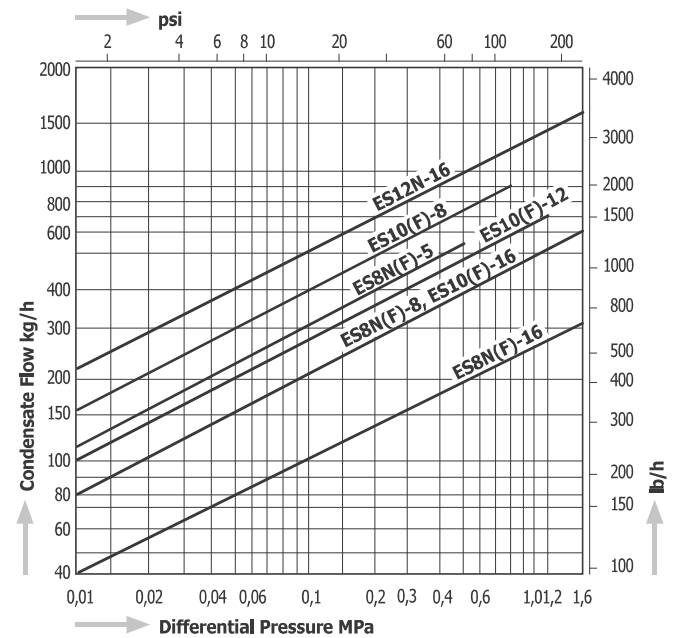
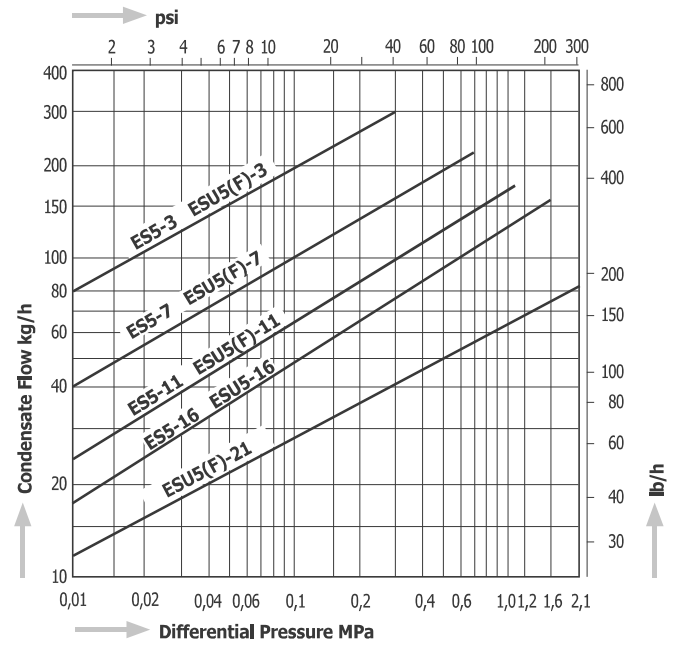


Available options

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

Model	Max. Operating Pressure	
	MPa	psig
ES5 - 3	0,3	43
ES5 - 7	0,7	100
ES5 - 11	1,1	160
ES5 - 16	1,6	230
ESU5 - 3	0,3	43
ESU5 - 7	0,7	100
ESU5 - 11	1,1	160
ESU5 - 16	1,6	230
ESU5 - 21	2,1	305
ES8N - 5	0,5	73
ES8N - 8	0,8	116
ES8N - 16	1,6	230
ES10 - 8	0,8	116
ES10 - 12	1,2	174
ES10 - 16	1,6	230

Capacity Chart ES



Model	Connections	Size	Max. Operating Pressure		Max. Operating Temperature		Dimensions (mm)				Dimensions (in)				Body Material	Weight	
			MPa	psig	°C	°F	L	H1	H2	W	L	H1	H2	W		kg	lb
ES5	Screwed Rc, NPT	1/2"	1,6	230	350	662	103	59	67	75	4.1	2.3	2.6	Ductile Cast Iron FCD450	1,9	4.2	
		3/4"					105	57	69	75	4.1	2.2	2.7		1,9	4.2	
		1"					109	57	69	75	4.3	2.2	2.7		2,0	4.4	
ESU5	Screwed Rc, NPT	1/2"	2,1	305	350	662	103	57	69	75	4.1	2.2	2.7	Stainless Steel SCS13A	1,9	4.2	
		3/4"					105				4.1				2,0	4.4	
		1"					109				4.3				2,1	4.6	
ESU5F	Flanged JIS, ASME, DIN	1/2"	2,1	305	350	662	175	57	69	75	6.9	2.2	2.7	Stainless Steel SCS13A	3,5	7.7	
		3/4"					195				7.7				3,7	8.2	
		1"					215				8.5				4,1	9.0	
		1 1/4"					230				9.5				4,5	9.9	
ES8N	Screwed Rc, NPT	1/2"	1,6	230	350	662	130	73	90	100	5.1	2.9	3.5	Ductile Cast Iron FCD450	3,7	8.2	
		3/4"					135				5.3				3,9	8.6	
		1"					175				6.9				5,3	11.7	
		1 1/4"					195				7.7				5,7	12.5	
ES8NF	Flanged JIS, ASME, DIN	1/2"	1,6	230	350	662	175	68	95	100	6.9	2.7	3.7	Ductile Cast Iron FCD450	5,7	12.5	
		3/4"					195				7.7				6,3	13.9	
		1"					215				8.5				6,7	14.8	
		1 1/4"					230				9.5				7,1	15.7	
ES10	Screwed Rc, NPT	3/4" - 1 1/2"	1,6	230	220	428	190	102	134	120	7.5	4.0	5.3	Cast Iron FC250	9,3	20.5	
		1"					254				10.0				12,7	28.0	
ES10F	Flanged JIS, ASME, DIN	1/4" - 2"	1,6	230	220	428	260	102	134	120	10.2	4.0	5.3	Cast Iron FC250	14,2	31.2	
		1/2"					270				10.6				13,5	29.7	
ES12N	Flanged JIS, ASME, DIN	1/2" - 1"	1,6	230	220	428	280	140	140	120	11.0	5.5	5.5	Cast Iron FC250	13,5	29.7	
		1 1/4"					280				11.0				15,1	33.2	