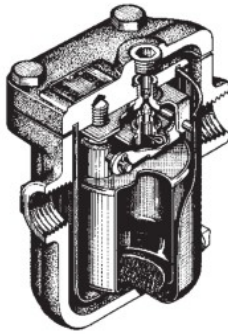
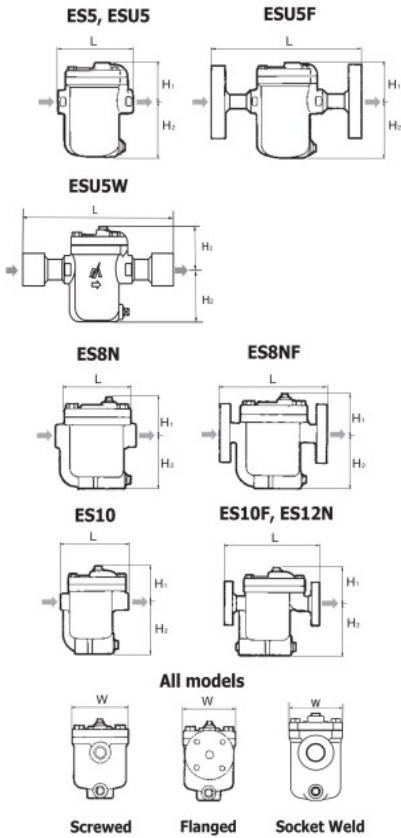


# ES



### Dimensions

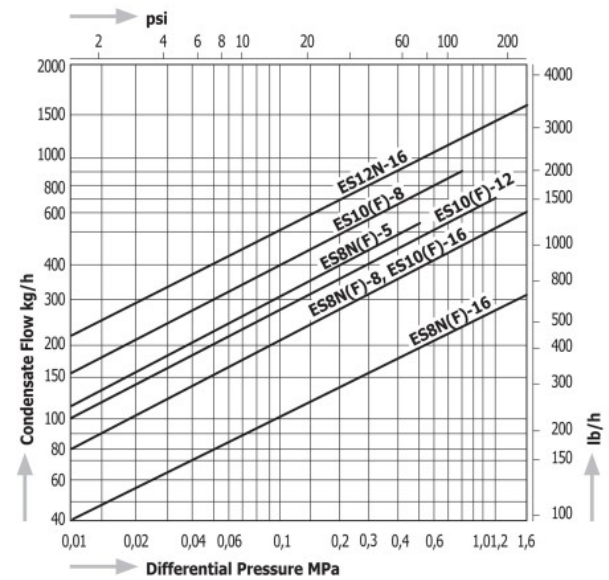
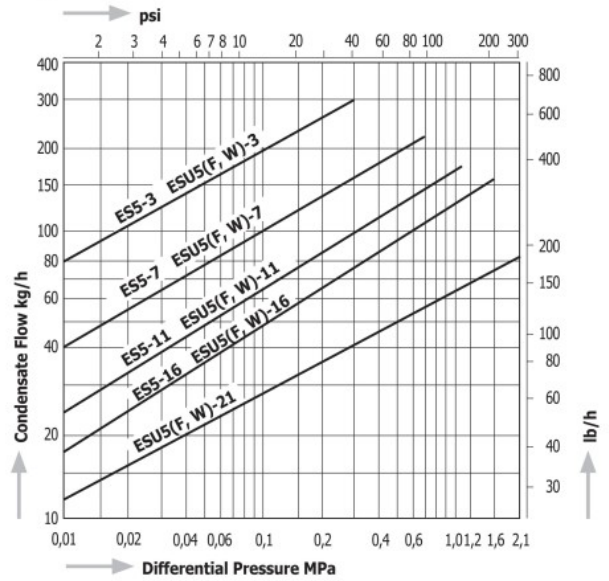


### Available options

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	H <sub>1</sub>	H <sub>2</sub>	W	L	H <sub>1</sub>	H <sub>2</sub>	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
		105					57	69	4.1		2.2	2.7	1,9			4.2	
		109					57	69	4.3		2.2	2.7	2,1			4.6	
ESU5	Screwed Rc, NPT	½"	2,1	305	350	662	103	57	69	75	4.1	2.2	2.7	3.0	Stainless Steel SCS13A	1,9	4.2
		105					4.1				2,0					4.4	
		109					4.3				2,1					4.6	
ESU5F	Flanged JIS, ASME, DIN	½"	2,1	305	350	662	175	57	69	75	6.9	2.2	2.7	3.0	Stainless Steel SCS13A	3,5	7.7
		195					7.7				3,7					8.2	
		215					8.5				4,1					9.0	
ESU5W	Socket Weld JIS, ASME, DIN	½"	2,1	305	350	662	203	57	69	75	8.0	2.2	2.7	3.0	Stainless Steel SCS13A	2,5	5.5
		230					9.1				2,6					5.7	
		254					10.0				2,8					6.2	
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
		135					5.3				3,9					8.6	
		175					6.9				5,3					11.7	
ES8NF	Flanged JIS, ASME, DIN	½"	1,6	230	350	662	195	68	95	100	7.7	2.7	3.7	3.9	Ductile Cast Iron FCD450	5,7	12.5
		215					8.5				6,8					15.0	
		254					10.0				9,3					20.5	
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
		254					10.0				12,7					28.0	
		260					10.2				14,2					31.3	
ES10F	Flanged JIS, ASME, DIN	1¼" - 2"	1,6	230	220	428	270	140	140	120	10.6	5.5	5.5	4.7	Cast Iron FC250	13,5	29.7
		280					11.0				15,1					33.2	

Flanged connections for ES5 are available as special design. For more details, please contact MIYAWAKI Inc. or an authorized representative.