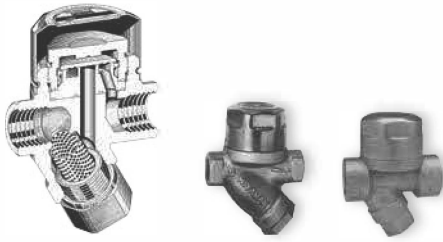
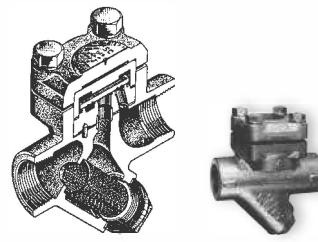


SERIES S Thermodynamic Disc Trap

S31N, SC31

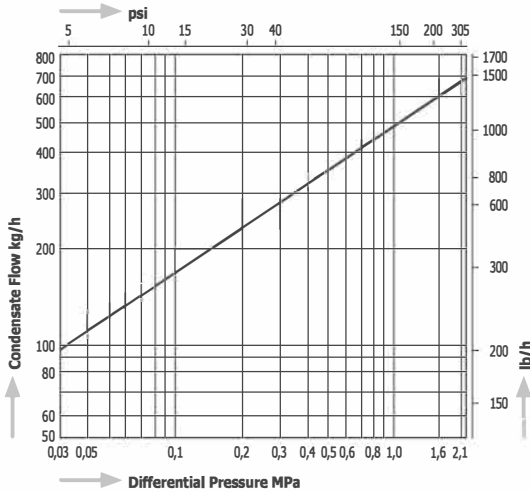


SC, SF



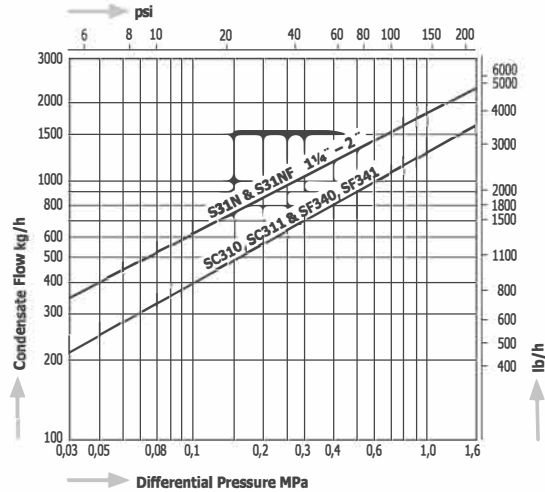
Capacity Chart

SC31 & SC31F/S31N & S31NF 1/2" – 1"



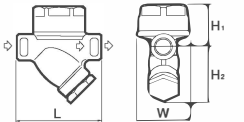
Capacity Chart

S31N & S31NF 1 1/4" – 2"; SC310, SC311 & SF340, SF341

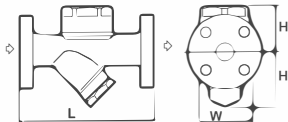


Dimensions

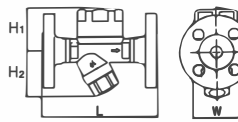
S31N/SC31 1/2" – 1"



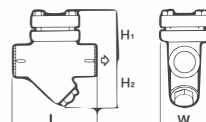
S31NF 1/2" – 1"



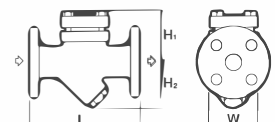
SC31F 1/2" – 1"



S31N 1 1/4" – 2"
SC310, SC311



S31NF 1 1/4" – 2"
SF340, SF341



Model	Connections	Size	Operating Pressure Range		Max. Operating Temperature		Dimensions (mm)				Dimensions (in)				Body Material	Weight					
			MPa	psig	°C	°F	L	H1	H2	W	L	H1	H2	W		kg	lb				
SC31	Screwed Rc, G, NPT	1/2"	0,03 – 2,1	4,4 – 305	220	428	78	55	59	61	3.1	2.2	2.3	2.4	Stainless Steel SCS14	1,0	2,2				
		90					3.5	1,3			2,9										
		95					3.7	1,2			2,6										
SC31F	Flanged JIS, ASME, DIN	1/2"	0,03 – 2,1	4,4 – 305	220	428	150	61	59	61	5.9	2.4	2.3	2.4	Stainless Steel SCS14+SUS304	2,7	6,0				
		150					6.3	3,9			8,6										
		160					6.3	4,7			10,4										
S31N	Screwed Rc, NPT	1/2"	0,03 – 1,6	4,4 – 230	220	428	90	55	65	60	3.5	2.2	2.6	2.4	Ductile Cast Iron FCD450	1,1	2,4				
		90					60	3.7			2.4	1,2				2,6					
		180					104	100			106	7.1				4.1	3.9	4.2	Cast Iron FC250	8,0	17,6
		180					111	7.1			4.4	8,7				19,1					
		180					111	9.3			20,5										
S31NF	Flanged JIS, ASME, DIN	1/2"	0,03 – 1,6	4,4 – 230	220	428	140	55	65	60	5.5	2.2	2.6	2.4	Ductile Cast Iron FCD450	2,5	5,5				
		150					60	5.9			2.4	3,0				6,6					
		160					6.3	4,2			9,2										
		240					104	100			106	9.5				4.1	3.9	4.2	Cast Iron FC250	12,0	26,4
		240					104	13,5			29,7										
240	104	14,5	31,9																		
SC - 310 311	Screwed Rc, NPT	3/4"	0,03 – 1,6	4,4 – 230	220	428	180	87	81	96	7.1	3.4	3.2	3.8	Cast Iron FC250	6,0	13,2				
		180					9.5	3.5			10,0	22,0									
SF - 340 341	Flanged JIS, ASME, DIN	3/4"	0,03 – 1,6	4,4 – 230	220	428	240	89	81	96	9.5	3.5	3.2	3.8	Cast Iron FC250	10,0	22,0				
		240					89	10,0			22,0										