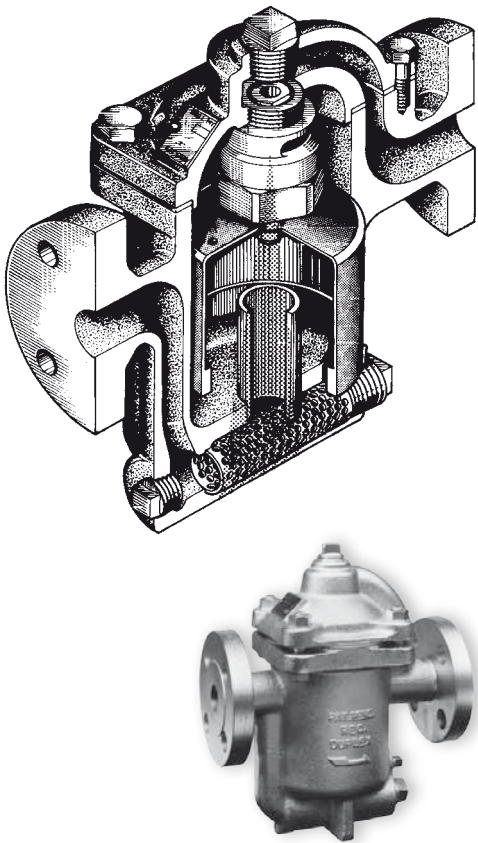
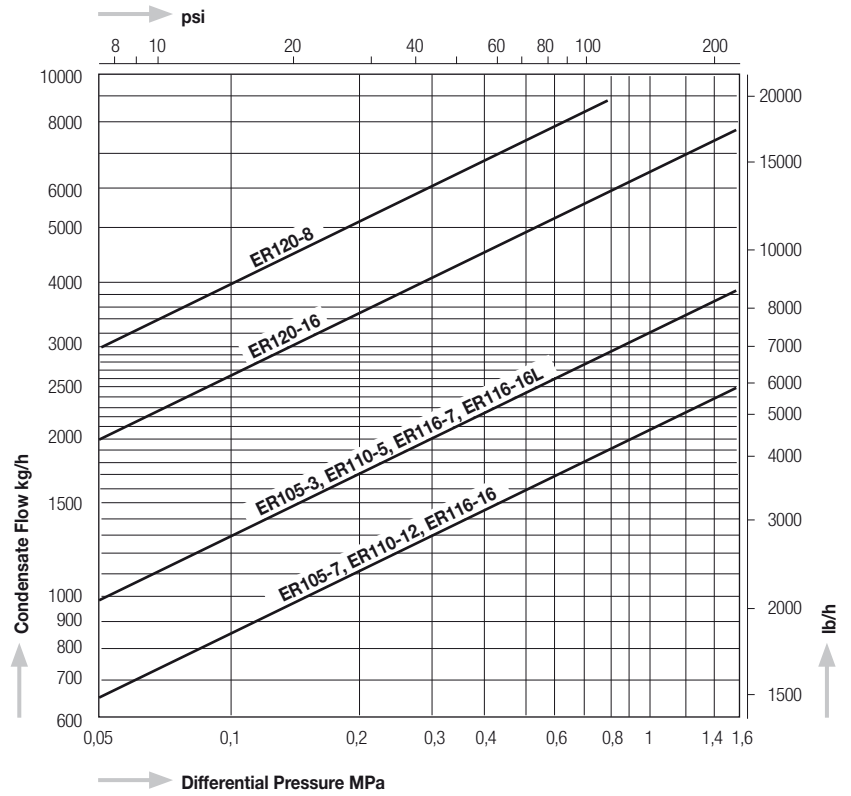


# ER



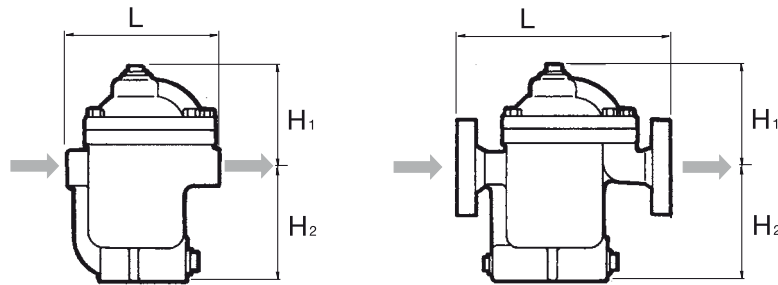
Capacity Chart ER



Dimensions

ER105

ER105F, ER110, ER116, ER120

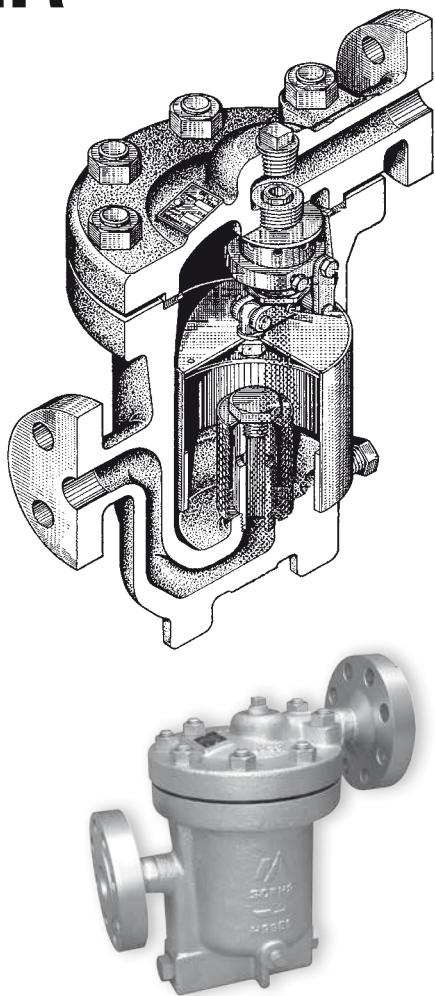
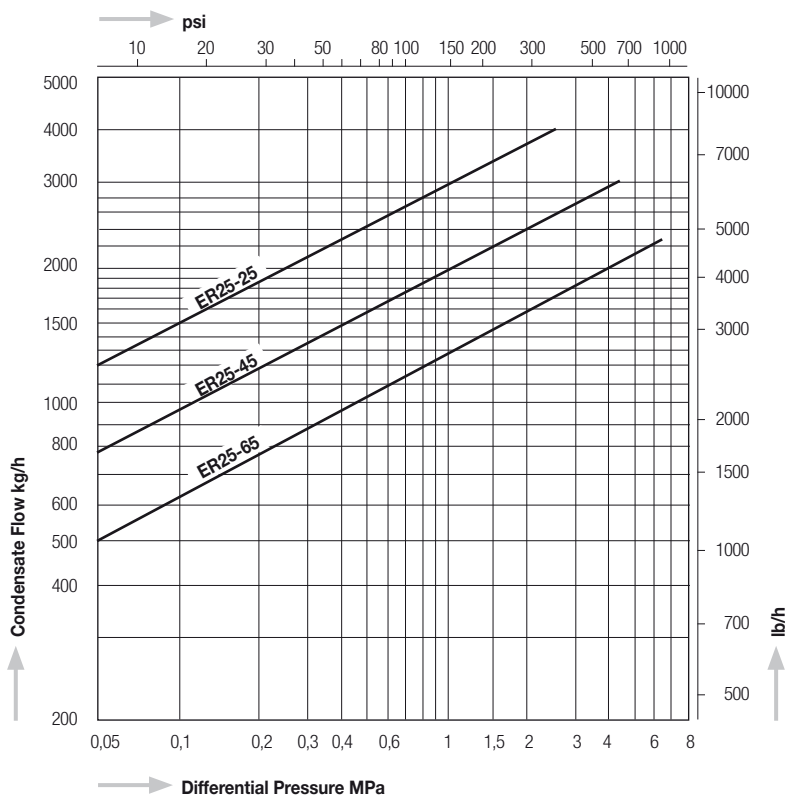


Model	Connections	Size (in)	Max. Operating Pressure		Max. Operating Temperature		Dimensions (mm)			Dimensions (in)			Body Material	Weight	
			MPa	psig	°C	°F	L	H <sub>1</sub>	H <sub>2</sub>	L	H <sub>1</sub>	H <sub>2</sub>		kg	lb
ER105 - 3/7	Screwed Rc, NPT	3/4" - 1 1/2"	0,3	43	220	428	190	155	134	7.5	6.1	5.3	Cast Iron FC250	10,2	22.5
			0,7	100			254	155	134	10.0	6.1	5.3		13,6	29.9
ER105F - 3/7	Flanged JIS, ASME, DIN	1/2" - 1"	0,3	43	220	428	260	155	134	10.2	6.1	5.3	Cast Iron FC250	15,1	33.2
		1 1/4" - 2"	0,7	100			254	155	134	10.0	6.1	5.3		13,6	29.9
		1/2" - 1"	0,5	73			260	155	134	10.2	6.1	5.3		15,1	33.2
		1 1/4" - 2"	1,2	174			254	200	140	10.0	7.9	5.5		16,1	35.4
ER110 - 5/12	Flanged JIS, ASME, DIN	1/2" - 1"	0,5	73	220	428	280	210	130	11.0	8.3	5.1	Cast Iron FC250	18,1	39.8
		1 1/4" - 2"	0,7	100			254	200	140	10.0	7.9	5.5		16,1	35.4
		1/2" - 1"	1,2	174			280	210	130	11.0	8.3	5.1		18,1	39.8
		1 1/4" - 2"	0,7	100			254	200	140	10.0	7.9	5.5		16,1	35.4
ER116 - 7/16	Flanged JIS, ASME, DIN	1/2" - 1"	0,7	100	300	572	300	230	132	11.8	9.1	5.2	Ductile Cast Iron FCD450	19,0	41.8
		1 1/4" - 2"	1,6	230			300	190	167	7.5	6.6	23,0		50.6	
		1/2" - 1"	0,7	100			300	230	132	11.8	9.1	5.2		19,0	41.8
		1 1/4" - 2"	1,6	230			300	190	167	7.5	6.6	23,0		50.6	
ER120 - 8/16	Flanged JIS, ASME, DIN	1 1/2" - 2 1/2"	0,8	116	220	428	400	220	217	15.8	8.7	8.5	Cast Iron FC250	46,0	101.2
			1,6	230											

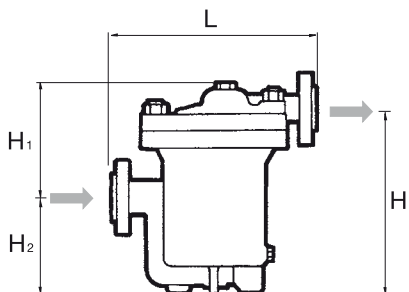
Inverted Bucket Trap – High Pressure **SERIES E**

**ER**

Capacity Chart ER



Dimensions ER



\* Available options ER25

Max. operating temperature 470°C (878°F) with body material WC6

Table 1: Dimensions

Size (in)	Flange Standards		L (mm)	L (in)
½" – 1"	JIS 10 – 40 K	ASME 150 lb / 300 lb RF	340	13.4
	ASME 600 lb RF	ASME 150 – 600 lb RJ	345	13.6
	JIS 63 K	ASME 900 lb RF / RJ	380	15.0
1¼" – 2"	JIS 10 – 40 K	ASME 150 – 600 lb RF / RJ	380	15.0
	JIS 63 K	ASME 900 lb RF / RJ	400	15.8

Model	Connections	Size (in)	Max. Operating Pressure		Max. Operating Temperature		Dimensions (mm)				Dimensions (in)				Body Material	Weight	
			MPa	psig	°C	°F	L	H1	H2	H3	L	H1	H2	H3		kg	lb
ER25 -	Flanged JIS, ASME, DIN	½" – 2"	2,5	360	425*	800	Table 1	210	180	345	Table 1	8.3	7.1	13.6	Cast Steel SCPH2	½" – 1"	112.2
			4,4	640												51	
			6,4	925												1¼" – 2"	
ER25W -	Socket Weld ASME, DIN	½" – 2"	2,5	360	425*	800	1½" – 1½"	210	180	345	1½" – 1½"	8.3	7.1	13.6	Cast Steel SCPH2	48	105.6
			4,4	640												13.4	
			6,4	925												2"	