











STERIFLOW Hygienic Steam Traps and Accessories

Model	MK93JR	MK93TH	MK93	MK93 Horizontal	MK94	MK94 Horizontal	MK934	MK934 Horizontal	CSDT	SSC Sanitary Subcooled Condenser	SC50, 60, 30 Sample Coolers
Photograph								No Photo			
Line Size	1/2" - 1" (DN15 - DN25)	1,4" - 1" (DN8 - DN25)	1/2"- 1-1/2" (DN15 - DN40)	1/2"- 1-1/2" (DN15 - DN40)	3/4" - 1 1/2" (DN20 - DN40)	3/4" - 1 1/2" (DN20 - DN40)	3/4" - 2" (DN20 - DN50)	3/4" - 2" (DN20 - DN50)	1/2" - 3/4" (DN15 - DN20)	3/4" (DN15)	1/2" - 3/4" (DN15 - DN20)
Connection Type	ASME, DIN, ISO Tri-Clamp, Tube Weld	NPT, BSP, EN ISO 228-1	ASME, DIN, ISO Tri-Clamp, Tube Weld	ASME, DIN, ISO Tri-Clamp	ASME, DIN, ISO Tri-Clamp, Tube Weld	ASME, DIN, ISO Tri-Clamp	ASME, DIN, ISO Tri-Clamp, Tube Weld	ASME, DIN, ISO Tri-Clamp	ASME BPE Tri-Clamp	ASME, DIN, ISO Tri-Clamp	ASME BPE Tri-Clamp
Connection Orientation	Vertical	Vertical	Vertical	Horizontal Vertical	Vertical	Horizontal Vertical	Vertical	Horizontal Vertical	Horizontal Vertical	Horizontal	Vertical
Subcool Operation (Temperature Hold)	<3°F (<1,7°C)								NA	NA	NA
Capacity Lbs/hr (Kg/hr) @ 20 psid @20° Subcooling (Heat-up)	750 (340)	1697 (770)	1697 (770)	1697 (770)	5510 (2505)	5510 (2505)	7200 (3266)	7200 (3266)	162.5 (73,7)	See Data Sheet	See Data Sheet
Recommended Differential Pres. psi (bar)	10 -100 (0,7 - 6,9)	10-50 (0,7- 3,4) Option P 50-90 (3,4-6,2)	10-50 (0,7- 3,4) Option P 45-90 (3,1-6,2)	10-50 (0,7- 3,4) Option P 45-90 (3,1-6,2)	5-50 (0,34 -3,5)	5-50 (0,34 -3,5)	10-50 (0,68-3,4)	10-50 (0,68-3,4)	See Data Sheet	See Data Sheet	See Data Sheet
Typical Application: - General use	Primarily used to drain SIP condensate on temperature validated systems. Usually installed in drain lines, 12-18" downstream of a validation temperature sensor. Also can be used on non-validated Clean Steam distribution line drains.						Used in the primary drain line under SIP temperature validated large capacity vessels or equipment, without the need for an automated drain bypass line with separate trap.		For draining plant steam condensate in hygienic areas. Eg. Heat exchanger in process suite.	Used to expedite Heat-up and/or to eliminate Validation Temp Alarms caused by Condensate backup. Or, in spaces where 12"-18" validated drain line before trap is not possible.	Used to condense Clean Steam and/or cool Hot WFI to room Temperature for sample collection.
Typical Application: - Specific use	Non - GMP pre-clinical installation	GMP installation Primarily Process Tubing Drain trap, or under vessel in drain line sizes ≤ 1"			Larger capacity process tubing or filter drains in 3/4" - 1 1/2" drain lines						