

Stainless Steel Sump Ejector

with Remote Linkage



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The Armstrong Fluid Handling Stainless Steel Sump Ejector with Remote Linkage option is for use in draining unwanted water from steam pits, tunnels and enclosed spaces.

The Remote Linkage option offers you the benefit of moving the snap acting mechanism out of the pit, free and clear of any debris that may enter the pit area. In addition, the Remote Linkage option allows you the added flexibility of applying the Sump Ejector in pit sizes down to 12" x 12" x 24" deep.

Features:

- All Stainless Steel Construction
- True Steam on, steam off operation
- Heavy duty Inconel X-750 springs provide a long, trouble free service life
- Remote Linkage allows for application in smaller pits

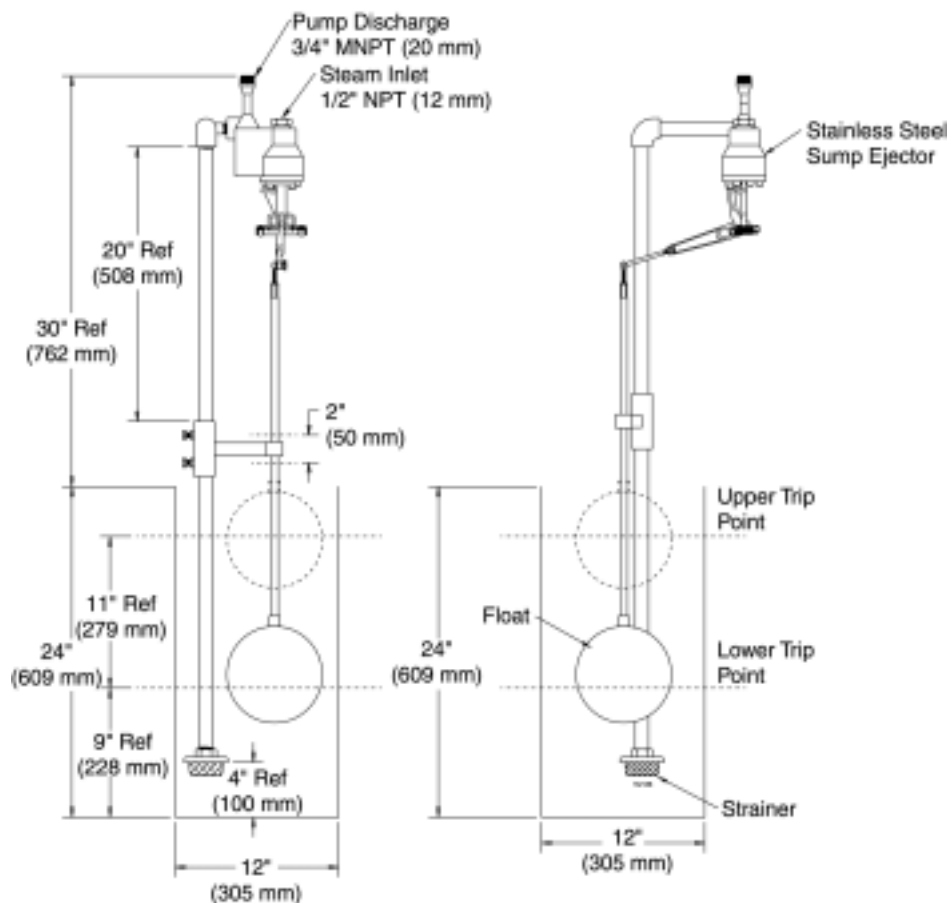
List of Materials

Mechanism	ASTM A351 CF8M
Springs	Inconel X-750
Spring Ends	304 Stainless Steel
Clevis Pins	
Body	ASTM A351 CF8M
Nozzle	
Flange	303 Stainless Steel
Motive Seat	304 Stainless Steel
Motive Ball	440-C Stainless Steel
Motive Valve	316 Stainless Steel
Washer	Cadmium Plated Steel
Rod Seal	PTFE
Seal Spring	Hastelloy C-276
Rod Wiper	Nitrile
O-Ring	EPDM
Bolts	18-8 Stainless Steel
Strainer Body	Glass Filled Nylon
Strainer Mesh	Stainless Steel
Fittings	304 Stainless Steel
Pipe	3/4" Schedule 40 Stainless Steel
Rod End Pivot	Stainless Steel
Linkage Washer	Teflon
Float Arm Guide	Stainless Steel

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Capacities in gallons per minute (gpm)																		
Discharge Head (ft)	Water Temperature 60°F						Water Temperature 100°F						Water Temperature 150°F					
	Motive Steam Pressure (psig)						Motive Steam Pressure (psig)						Motive Steam Pressure (psig)					
	40	60	80	100	120	150	40	60	80	100	120	150	60	80	100	120	150	
0	6.0	9.3	11.6	12.2	12.8	12.9	6.0	9.0	9.2	8.6	8.0	8.0	5.5	5.3	5.4	5.5	5.5	
5	4.0	7.3	9.9	11.1	11.9	12.4	3.0	7.1	8.2	8.1	7.8	7.8	4.5	4.3	5.3	5.4	5.4	
10	2.0	5.2	8.3	10.0	11.0	11.9	—	5.2	7.2	7.7	7.6	7.6	3.5	3.3	5.2	5.2	5.2	
15	—	3.2	6.6	8.9	10.1	11.5	—	3.3	6.2	7.2	7.3	7.4	—	2.3	5.1	5.1	5.1	
20	—	—	5.0	7.8	9.2	11.0	—	—	5.2	6.7	7.1	7.3	—	1.3	5.0	4.9	4.9	
25	—	—	—	6.7	8.3	10.5	—	—	—	6.2	6.8	7.1	—	—	4.9	4.8	4.8	
30	—	—	—	5.6	7.4	10.0	—	—	—	5.7	6.6	6.9	—	—	4.8	4.6	4.6	
35	—	—	—	—	6.5	9.5	—	—	—	—	6.4	6.7	—	—	—	4.5	4.5	
40	—	—	—	—	5.6	9.1	—	—	—	—	6.1	6.6	—	—	—	4.3	4.3	
45	—	—	—	—	—	8.6	—	—	—	—	—	6.4	—	—	—	—	4.2	
50	—	—	—	—	—	8.1	—	—	—	—	—	6.2	—	—	—	—	4.0	

Note: Maximum operating pressure is 175 psig (12 bar). No increase in capacity with motive pressure over 150 psig (10 bar).



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