

Standard Specifications Sari Puya Single Effect Models

Model			SSE10	SSE15	SSE20	SSE25	SSE30	SSE35	SSE40	SSE45	SSE50	SSE60	SSE70	SSE80	SSE100	SSE120	SSE140	
Capacity	Nominal ①	TR	120	155	172	235	273	311	363	410	446	565	617	704	908	1148	1235	
	Maximum ②		154	199	221	302	351	400	466	527	573	726	793	905	1167	1475	1587	
Chilled Water	Flow Rate	GPM	288	372	413	564	655	746	871	984	1070	1356	1481	1690	2179	2755	2964	
	No. of pass	Eva.	--	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	Pressure Drop	Ft.W	5.5	9	12	14	19	25	15	20	25	20	25	35	35	40	45	
	Nozzle Size	Inch	5	5	5	6	6	6	6	8	8	8	8	8	8	12	12	
Cooling Water	Flow Rate	GPM	480	620	688	940	1092	1244	1452	1640	1784	2260	2468	2816	3632	4592	4940	
	No. of pass	Abs.	--	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		Con.	--	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Pressure Drop	Ft.W	17	33	17	24	25	33	28	27	15	28	15	20	16	15	20	
Nozzle Size	Inch	6	6	6	8	8	8	8	10	10	10	10	10	10	12	14	14	
Steam ③	Consumption	Lb/hr	2244	2898	3216	4395	5105	5816	6788	7664	8340	10566	11538	13165	16980	21468	23095	
	No. of pass	--	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Nozzle Size	Steam in	Inch	5	5	5	5	5	5	6	6	6	6	6	8	10	10	10
		Condensate out	Inch	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
Electrical Supply	Solution Pump	Kw	2.2	2.2	3.7	3.7	3.7	5.5	5.5	5.5	5.5	7.5	7.5	11	15	15	15	
	Refrigerant Pump	Kw	1.1	1.1	1.1	2.2	2.2	2.2	2.2	3.7	3.7	3.7	3.7	5.5	5.5	5.5	5.5	
	Vacuum Pump	Kw	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.6	
	Total	Kw	3.5	3.5	5	6.1	6.1	7.9	8.1	9.6	9.6	11.6	11.6	16.9	21.1	21.1	21.1	
Unit Dimensions	L	mm	3490	4500	5300	5000	5500	6500	6500	6500	6500	6500	6500	6700	6700	6700	6700	
	W	mm	1340	1340	1340	1400	1500	1500	1500	1600	1720	1720	1720	2100	2300	2350	2350	
	H	mm	2280	2280	2280	2720	2900	2900	2900	3050	3300	3300	3300	3900	3920	4000	4000	
Operating Weight	kg	5642	7000	7776	10612	11874	12000	13484	15000	16000	20935	23560	26182	32000	35874	39748		

Notes :

1- Nominal capacities are defined based on the following conditions:

1. Chilled Water Temperature in/out: 54°F ——— 44°F
2. Cooling Water Temperature in/out: 85°F ——— 100°F
3. Steam Pressure: 9 psig

2- Maximum capacities are available under the most appropriate conditions for steam pressure, cooling water temperature and chilled water temperature specified in unit ratings table (2) .

3- Specifications subject to change without prior notice.

