

Standard Specification Sari Puya Double Effect (SDE) Models

Model		SDE 10	SDE 15	SDE 20	SDE 25	SDE 30	SDE 35	SDE 40	SDE 45	SDE 50	SDE 60	SDE 80	SDE 100	SDE 120	SDE 140	
		Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①	Applied ^①
Capacity		TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	TR	
Chilled Water	Flow Rate	100	150	200	250	300	350	400	450	500	600	800	1000	1200	1400	
	No. of Pass	105	151	202	249	289	330	379	423	473	589	749	962	1197	1288	
Chilled Water	Flow Rate	252	362	485	598	694	792	910	1015	1135	1414	1798	2309	2873	3091	
	No. of Pass	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Cooling Water	Outlet / Inlet Temp	6.5°C → 12°C (44°F → 54°F)														
	Nozzle Size	80	100	100	150	150	200	200	200	200	267.4	267.4	318.5	318.5	355.6	355.6
Cooling Water	Flow Rate	475	683	914	1126	1307	1493	1715	1914	2140	2665	3388	4352	5415	5827	
	No. of Pass	2	2	2	2	3	2	2	2	2	2	2	2	2	2	
Cooling Water	Con.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Inlet / Outlet Temp	29.5°C → 35°C (85°F → 95°F)														
Steam	Nozzle Size	150	150	150	200	200	250	250	250	250	318.5	318.5	355.6	406.4	406.4	
	Consumption Max.	501	720	964	1188	1379	1574	1808	2018	2256	2810	3573	4589	5710	6144	
Steam	Gen.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Inlet	40	40	40	65	80	80	80	80	80	89.1	89.1	114.3	114.3	114.3	
Steam	Outlet	25	25	25	40	40	40	50	50	50	60.5	60.5	89.1	89.1	89.1	
	Valves Size	40	40	40	40	40	50	50	50	50	60.5	60.5	76.3	76.3	76.3	
Total Electrical Consumption		6.45	6.8	6.8	8	8.4	8.4	10.3	13.5	13.5	13.5	16.9	20	22.5	22.5	
Dimensions	Length	3490	4500	5300	5000	5500	6500	6500	6500	6500	6500	6700	6700	6700	6700	
	Width	1820	1820	1820	2170	2200	2250	2250	2500	2500	2500	2900	2900	3000	3300	
	Height	2450	2450	2450	2930	3100	3100	3100	3200	3450	3450	4000	4000	4200	4200	

Notes :

- 1- Applied capacity is the average capacity, based on the unit rating range in the table 2. approximately.
- 2- For nominal and actual capacities, refer to table 2.
- 3- Steam pressure 120 psig.
- 4- Specification subject to change without prior notice.