

[Single Effect Steam Fired Type]

Model		Unit	S50	S60	S70	S80	S100	S120	S150	S180	S210	S240	S280	S320	S360	S400						
Cooling Capacity		kW	176	211	246	281	352	422	527	633	738	844	985	1,125	1,265	1,407						
		usRT	50	60	70	80	100	120	150	180	210	240	280	320	360	400						
Chillrd Water	Inlet Temp./Outlet Temp.	°C	12 / 7																			
	Flow rate	m³/h	30.2	36.3	42.3	48.4	60.5	72.6	90.7	109	127	145	169	194	218	242						
	Pressure Drop	mH ₂ O	4	3.7	6.2	5.6	5.6	5.9	7.6	8.1	7.5	7.4	5.4	5.3	5.8	6						
	Connection	mm	80				100				125			150								
Cooling Water	Inlet Temp./Outlet Temp.	°C	32 / 39.4																			
	Flow rate	m³/h	50	60	70	80	100	120	150	180	210	240	280	320	360	400						
	Pressure Drop	mH ₂ O	7	6.1	10.2	9.6	8.9	9.1	10.4	10.8	10.7	11.2	8.9	8.6	8.8	8.7						
	Connection	mm	100				125			150				200								
Steam	Pressure	MPa	0.15																			
	Flow rate	kg/h	390	468	546	624	780	936	1170	1404	1638	1872	2184	2496	2808	3120						
	Inlet Connection	mm	100				125				150			200								
	Drain Connection	mm	25				40				50											
	Control Valve	mm	40			50			65			80			100			125				
Electric	Power source	-	3PH / 380V / 60Hz																			
	Ref. Pump	kW	0.2				0.3				0.4											
	Abs. Pump	kW	1.2				1.5				2			2.4								
	Purge Pump	kW	0.4																			
	Control Panel	kW	0.2																			
	Total kW	kW	2				2.4				3			3.4								
	Total Ampere	A	7.1				8.2				9.6			10.6								
Size	Lenght (L)	mm	2,095			2,598			2,597			3,680			3,708			4,734			4,776	
	Width (W)	mm	1,077			1,095			1,244						1,472				1,495			
	Height (H)	mm	1880				2236				2238				2521							
Weight	Rigging	ton	2.1	2.2	2.6	2.7	3.6	3.7	4.6	4.8	5.5	5.8	6.8	7.1	8.6	9.2						
	Operation	ton	2.3	2.5	2.9	3.1	4.1	4.2	5.2	5.5	6.4	6.8	7.9	8.4	10.4	10.9						
Space for Tube Replacement		mm	1800			2400				3400				4500								

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Model		Unit	S450	S500	S560	S630	S700	S800	S900	S1000	S1100	S1200	S1300	S1400	S1500	
Cooling Capacity		kW	1,582	1758	1969	2215	2461	2813	3165	3516	3868	4220	4571	4,923	5,274	
		usRT	450	500	560	630	700	800	900	1000	1100	1200	1300	1400	1500	
Chillrd Water	Inlet Temp./Outlet Temp.	°C	12 / 7													
	Flow rate	m³/h	272	302	339	381	423	484	544	605	665	726	786	847	907	
	Pressure Drop	mH ₂ O	5.1	5.4	4.2	5.8	7.7	5.7	7.7	10.1	6.7	8.6	10.7	8.7	10.6	
	Connection	mm	200					250			300			350		
Cooling Water	Inlet Temp./Outlet Temp.	°C	32 / 39.4													
	Flow rate	m³/h	450	500	560	630	700	800	900	1,000	1,100	1,200	1,300	1,400	1,500	
	Pressure Drop	mH ₂ O	8.4	8.6	6.8	9.3	12.4	8.8	12	15.8	11.1	14.1	17.6	14	16.8	
	Connection	mm	250		300			350			400			450		
Steam	Pressure	MPa	0.15													
	Flow rate	kg/h	3510	3900	4368	4914	5460	6240	7020	7800	8580	9360	10140	10920	1170	
	Inlet Connection	mm	200		250			300			350			400		
	Drain Connection	mm	65					80			100					
	Control Valve	mm	125			150			200							
Electric	Power source	-	3PH / 380V / 60Hz													
	Ref. Pump	kW	0.4					1.5								
	Abs. Pump	kW	2.4		3					4.5						
	Purge Pump	kW	0.4							0.75						
	Control Panel	kW	0.2													
	Total kW	kW	3.4		4			5.1			7					
	Total Ampere	A	10.6		14.6			17			22.8					
Size	Lenght (L)	mm	4,880		4998	5540	6038	5644	6142	6667	6293	6818	7,318	6860	7,360	
	Width (W)	mm	1594			1830			2,206			2329			2,929	
	Height (H)	mm	2799			3244			3522			3900			3950	
Weight	Rigging	ton	10.5	10.9	14.7	16	17.2	19.3	21.6	23.9	26.2	28.5	30.8	33.1	35.4	
	Operation	ton	12.5	13.1	17.8	19.4	20.8	23.3	26.1	29	31.8	34.6	37.5	40.3	43.2	
Space for Tube Replacement		mm	4,500			5200	5700	5200	5700	6200	5700	6200	6700	6200	6700	