[Double Effect Exhaust Gas Driven Type]

Model		단 위	CHP045	CHP050	CHP056	CHP063	CHP070	CHP080	CHP090	CHP100	CHP110	CHP120	CHP130	CHP140	CHP150
Cooling Capacity		usRT	450	500	560	630	700	800	900	1000	1100	1200	1300	1400	1500
		kW	1582	1757	1968	2214	2460	2812	3163	3515	3866	4218	4569	4921	5272
Chilled Water	Inlet Temp./Outlet Temp.	℃	12 / 7												
	Flow rate	m³/h	272	302	339	381	423	484	544	605	665	726	786	847	907
	P. Drop	mAq	4.4	3.9	3.6	5	6.6	4.7	6.4	8.5	7.2	9.2	11.5	8.3	10.2
	Connection	mm	200					250			300			350	
Cooling Water	Inlet Temp./Outlet Temp.	℃	32 / 37.5												
	Flow rate	m³/h	450	500	560	630	700	800	900	1000	1100	1200	1300	1400	1500
	P. Drop	mAq	10.7	10.8	7.7	10.6	14	8.7	11.8	15.6	3	3.8	4.8	4	4.8
	Connection	mm	250		300			350			400				
Heating Capacity		Mcal/h	1274	1416	1586	1784	1982	2266	2549	2832	3115	3398	3682	3965	4248
		kW	1481	1646	1843	2074	2304	2633	2962	3291	3621	3950	4279	4608	4937
Hot Water	Inlet Temp./Outlet Temp.	℃	55.3 / 60												
	Flow rate	ton/h	272	302	339	381	423	484	544	605	665	726	786	847	907
	P. Drop	mAq	4.4	3.9	3.6	5	6.6	4.7	6.4	8.5	7.2	9.2	11.5	8.3	10.2
	Connection	mm	200					250			300			350	
Exhaust Gas	Flow rate	kg/sec	3.95	4.39	4.92	5.53	6.15	7.03	7.91	8.78	9.66	10.54	11.42	12.3	13.18
	Temp.(Cooling)	℃	450 / 165												
	Temp.(Heating)	℃	450 / 125												
	Pressure Drop	mmAq	133	134	143	133	146	155	153	176	213	221	212	206	184
	Inlet Conn.	mm*mm	1376*837	1376*915	1376*1008	1376*1143	1376*1233	1376*1218	1376*1368	1376*1418	1376*1418	1376*1518	1376*1668	1376*1818	1376*2068
	Outlet Conn	mm	600		750						1000				
	Diverter Valve	mm	600		750						1000				
Electric	Power source	kW	3ø, 400V, 50Hz												
	Abs. Pump	kW [A]	3.2 (9.0)		5.5 (15.0)						7.5 (24.0)				
	Ref. Pump	kW [A]	0.3 (1.2)					1.5 (4.0)							
	Purge Pump	kW [A]	0.4 (1.4)								0.75 (2.2)				
	Sealing Blower	kW [A]	0.4 (2.5)												
	Control Panel	kW [A]	0.2 (0.5)												
	Amp.(400Vac)	A	14.7		20.7			23.3			33.1				
Size	Lenght (L)	mm	4,954		4,998	5,540	6,038	5,644	6,142	6,667	6,293	6,818	7,318	6,974	7,475
	Width (W)	mm	2,491	2,569	2,934	3,069	3,159	3,330	3,480	3,530	4,348	4,448	4,598	4,932	5,182
	Height (H)	mm	2,633		2,962			3,380			3,500			3,700	
Weight	Rigging	ton	15.7	16.5	21.2	23.1	24.6	31	33.6	35.6	41.1	43.4	46.4	50.2	54.1
	Operation	ton	17.2	18.1	23.7	25.8	27.5	34.8	37.6	39.9	46.2	48.8	52.1	56.5	60.8

[Double Effect Exhaust Gas Driven Type]

Model		Unit	CHP005	CHP006	CHP007	CHP008	CHP010	CHP012	CHP015	CHP018	CHP021	CHP024	CHP028	CHP032	CHP036	CHP040
Cooling Capacity		usRT	50	60	70	80	100	120	150	180	210	240	280	320	360	400
		kW	176	211	246	281	351	422	527	633	738	844	984	1125	1265	1406
Chilled Water	Inlet Temp./Outlet Temp.	℃	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
	P. Drop	mAq	4	3.7	6.2	5.6	4.8	5.1	6.6	7	6.4	6.3	4.6	4.5	5	5.1
	Connection	mm	80				100				125		150			
Cooling Water	Inlet Temp./Outlet Temp.	℃	32 / 37.5													
	Flow rate	m³/h	50	60	70	80	100	120	150	180	210	240	280	320	360	400
	P. Drop	mAq	7	6.1	10.2	9.6	11.1	11.3	11.5	11.8	11.8	12.1	11.2	10.7	11.1	10.8
	Connection	mm	100				125		150				200			
Heating Capacity		Mcal/h	142	170	198	227	283	340	425	510	595	680	793	906	1019	1133
		kW	165	197	230	263	329	395	494	592	691	790	922	1053	1185	1317
Hot Water	Inlet Temp./Outlet Temp.	℃	55.3 / 60													
	Flow rate	ton/h	30	36	42	48	60.5	72.6	90.7	109	127	145	169	194	218	242
	P. Drop	mAq	4	3.7	6.2	5.6	4.8	5.1	6.6	7	6.4	6.3	4.6	4.5	5	5.1
	Connection	mm	80				100				125		150			
Exhaust Gas	Flow rate	kg/sec	0.439	0.527	0.615	0.703	0.88	1.05	1.32	1.58	1.84	2.11	2.46	2.81	3.16	3.51
	Temp.(Cooling)	℃	450 / 165													
	Temp.(Heating)	℃	450 / 125													
	Pressure Drop	mmAq	58	58	74	71	77	82	79	92	97	113	129	131	123	131
	Inlet Conn.	mm*mm	782*291	782*330	782*369	782*408	922*408	922*486	922*603	922*642	922*681	922*681	922*798	922*876	1376*720	1376*759
	Outlet Conn	mm	300				400				500				600	
	Diverter Valve	mm	300				400				500				600	
Electric	Power source	kW	3ø, 400V, 50Hz													
	Abs. Pump	kW [A]	1.5 (5.5)				2.0 (6.4)				2.4 (6.9)				3.2 (9.0)	
	Ref. Pump	kW [A]	0.2 (1.0)				0.3 (1.2)				0.4 (1.4)					
	Purge Pump	kW [A]	0.4 (1.4)													
	Sealing Blower	kW [A]	0.4 (2.5)													
	Control Panel	kW [A]	0.2 (0.5)													
	Amp.(400Vac)	A	10.8				11.9				12.6				14.7	
Size	Lenght (L)	mm	2100		2600		2,638		3,680		3,717		4,742		4,872	
	Width (W)	mm	1,683	1,722	1,761	1,800	1,857	1,935	2,052	2,091	2,194	2,194	2,310	2,349	2,349	2,349
	Height (H)	mm	1800				2090				2147				2399	
Weight	Rigging	ton	3	3.2	3.7	3.9	5	5.3	6.4	6.8	7.9	8.5	9.8	10.3	12.8	13.2
	Operation	ton	3.2	3.5	4	4.3	5.4	5.8	7	7.4	8.6	9.3	10.7	11.3	14	14.6

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