

Tw: Evaporator leaving water temperature ( $\Delta t 5^{\circ}\text{C}$ ); Twc: Condenser leaving water temperature ( $\Delta t 5^{\circ}\text{C}$ )  
 qwe: Fluid flow rate at evaporator; dpwe: Fluid pressure drop at evaporator  
 HC: Heat capacity at condenser; qwc: Fluid flow rate at condenser; dpwc: Fluid pressure drop at condenser

Size	Condenser inlet air temperature Ta	Twout																				
		11						13						15								
		CC	PI	qwe	dpwe	HC	qwc	dpwc	CC	PI	qwe	dpwe	HC	qwc	dpwc	CC	PI	qwe	dpwe	HC	qwc	dpwc
380	30	437	89.9	21.0	77	525	11.5 13.7	48 49	464	91.9	22.3	86	553	12.2 14.4	52 53	491	94	23.7	95	583	12.8 15.2	58 58
	35	419	100	20.1	71	517	11.4 13.5	47 48	445	103	21.4	79	545	12.0 14.3	51 52	472	105	22.7	88	574	12.7 15.0	56 57
	40	401	112	19.2	66	510	11.3 13.4	46 47	426	114	20.5	73	537	11.9 14.1	50 51	452	116	21.8	82	565	12.5 14.8	55 56
	45	381	124	18.3	60	503	11.1 13.2	45 46	406	126	19.5	67	529	11.7 13.9	49 50	431	129	20.7	75	557	12.3 14.6	54 54
	50	361	137	17.4	54	496	11.0 13.1	44 44	385	139	18.5	61	521	11.6 13.7	48 49	409	142	19.7	68	548	12.2 14.4	52 53
	55																					
420	30	473	98.4	22.7	89	569	13.7 13.7	49 49	501	101	24.1	99	599	14.4 14.4	53 53	531	103	25.6	110	631	15.2 15.2	58 58
	35	454	110	21.8	82	561	13.5 13.5	48 48	481	112	23.2	92	591	14.2 14.2	52 52	510	115	24.6	102	622	15.0 15.0	57 57
	40	434	122	20.8	76	553	13.4 13.4	47 47	460	125	22.2	85	582	14.1 14.1	51 51	488	127	23.5	94	612	14.8 14.8	56 56
	45	413	135	19.8	70	546	13.2 13.2	46 46	439	138	21.1	78	574	13.9 13.9	50 50	466	140	22.4	87	603	14.6 14.6	54 54
	50	391	149	18.8	63	538	13.0 13.0	44 44	416	152	20.0	71	565	13.7 13.7	49 49	442	155	21.3	79	594	14.4 14.4	53 53
	55																					
460	30	526	112	25.3	68	635	14.0 16.6	50 69	558	114	26.8	75	669	14.7 17.5	55 75	591	117	28.4	84	704	15.5 18.4	61 82
	35	505	125	24.2	63	626	13.8 16.4	49 67	535	127	25.7	70	659	14.5 17.3	54 74	567	130	27.3	78	694	15.3 18.1	59 81
	40	482	138	23.1	58	617	13.6 16.2	48 66	512	141	24.6	64	650	14.3 17.0	53 72	543	144	26.1	72	683	15.1 17.9	58 79
	45	458	153	22.0	53	609	13.4 16.0	47 64	487	156	23.4	59	640	14.1 16.8	51 70	517	159	24.9	66	673	14.9 17.7	56 77
	50	434	169	20.8	48	600	13.2 15.8	46 63	461	172	22.2	53	630	13.9 16.6	50 69	490	175	23.6	59	661	14.6 17.4	55 75
	55																					
500	30	580	126	27.9	67	702	16.9 16.9	71 71	615	129	29.6	75	740	17.8 17.8	78 78	651	133	31.4	83	779	18.7 18.7	85 85
	35	556	140	26.7	62	693	16.7 16.7	69 69	590	144	28.4	69	729	17.6 17.6	76 76	625	147	30.1	77	767	18.5 18.5	83 83
	40	531	155	25.5	57	683	16.5 16.5	68 68	564	159	27.1	64	719	17.3 17.3	74 74	598	163	28.8	71	755	18.2 18.2	81 81
	45	505	172	24.2	52	673	16.3 16.3	66 66	536	175	25.8	58	707	17.1 17.1	72 72	569	179	27.4	65	743	18.0 18.0	79 79
	50	477	189	22.9	47	662	16.0 16.0	64 64	507	193	24.4	53	696	16.9 16.9	70 70	538	197	25.9	59	730	17.7 17.7	77 77
	55																					
600	30	651	148	31.3	80	795	19.1 19.1	85 85	690	152	33.2	88	836	20.1 20.1	94 94	729	157	35.1	98	879	21.2 21.2	102 102
	35	624	165	30.0	74	784	18.9 18.9	84 84	661	169	31.8	82	824	19.9 19.9	92 92	699	173	33.7	91	866	20.9 20.9	100 100
	40	596	182	28.6	68	773	18.7 18.7	82 82	632	186	30.4	75	812	19.6 19.6	90 90	668	191	32.2	84	853	20.6 20.6	98 98
	45	566	201	27.2	62	762	18.4 18.4	80 80	600	205	28.9	69	800	19.3 19.3	88 88	636	210	30.6	76	840	20.3 20.3	95 95
	50	534	220	25.6	55	750	18.2 18.2	78 78	567	225	27.2	62	787	19.1 19.1	85 85	601	230	28.9	69	825	20.0 20.0	93 93
	55																					

**NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - ПРИМЕЧАНИЯ**

1 Fluid: Water  
 Fluid: Wasser  
 Υγρό: Νερό  
 Líquido: agua  
 Liquide: Eau  
 Fluido: Acqua  
 Vloeistof: Water  
 Жидкость: Вода

2 For working conditions where dpw values are in italic, please contact factory.  
 Für Arbeitsbedingungen mit kursiv gedruckten dpw-Werten, wenden Sie sich bitte an den Hersteller.  
 Για τις συνθήκες εργασίας όπου οι τιμές dpw είναι σε πλάγια γραφή, παρακαλούμε επικοινωνήστε με το εργοστάσιο.  
 Para las condiciones de funcionamiento en las que los valores dpw están en cursiva, póngase en contacto con la fábrica.  
 Pour les conditions de travail lorsque les valeurs dpw sont en italique, veuillez contacter l'usine.  
 Per le condizioni d'esercizio in cui i valori dpw sono riportati in corsivo, contattare il produttore.  
 Voor bedrijfsomstandigheden met schuingedrukte dpw-waarden, gelieve contact op te nemen met de fabriek.  
 Если условия работы соответствуют значениям dpw, указанным курсивом, обратитесь на завод-изготовитель.