

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
kW	kW	l/s	kPa	kW	l/s	kPa	kW	kW	l/s	kPa	kW	l/s	kPa	kW	kW	l/s	kPa	kW	l/s	kPa		
170	30	195	40.7	9.4	61	235	11.3	47	207	41.6	10.0	68	248	11.9	52	220	42.5	10.6	76	261	12.6	57
	35	187	45.5	9.0	56	232	11.2	46	199	46.5	9.6	63	244	11.8	51	211	47.5	10.2	70	257	12.4	56
	40	179	50.7	8.6	52	229	11	45	190	51.6	9.2	58	241	11.6	50	202	52.7	9.7	65	254	12.3	54
	45	170	56.1	8.2	47	226	10.9	44	181	57.2	8.7	53	238	11.5	48	193	58.3	9.3	59	250	12.1	53
	50	162	62.1	7.8	43	223	10.8	43	172	63.1	8.3	48	234	11.4	47	183	64.3	8.8	54	246	11.9	52
	55																					
210	30	236	49.1	11.3	82	283	13.6	48	250	50.2	12.0	92	299	14.4	53	264	51.4	12.8	102	314	15.1	58
	35	226	54.8	10.9	76	280	13.5	47	240	56	11.5	85	294	14.2	52	254	57.2	12.2	95	310	14.9	56
	40	216	60.9	10.4	70	276	13.3	46	229	62.1	11.0	79	290	14	50	243	63.5	11.7	88	305	14.7	55
	45	206	67.4	9.9	64	272	13.2	45	219	68.7	10.5	72	286	13.8	49	232	70.1	11.2	80	301	14.5	54
	50	195	74.4	9.4	58	268	13	44	207	75.7	10.0	65	282	13.7	48	220	77.1	10.6	73	296	14.4	53
	55																					
260	30	298	63.5	14.3	55	359	17.3	75	316	65.2	15.2	62	379	18.2	82	335	66.9	16.1	69	399	19.2	90
	35	285	70.6	13.7	51	354	17	73	303	72.4	14.5	57	373	18	80	321	74.3	15.4	64	393	18.9	88
	40	272	78.2	13.1	47	348	16.8	71	289	80	13.9	52	367	17.7	78	306	82	14.7	58	386	18.6	86
	45	258	86.3	12.4	43	343	16.6	69	275	88.2	13.2	48	361	17.4	76	291	90.2	14.0	53	379	18.3	83
	50	244	95	11.7	39	337	16.3	68	260	96.9	12.5	43	354	17.2	74	276	98.9	13.2	48	372	18	81
	55																					
300	30	329	74.5	15.8	66	401	19.3	91	349	76.6	16.8	73	422	20.3	100	369	78.8	17.8	81	445	21.4	109
	35	315	82.6	15.1	61	395	19	89	334	84.8	16.1	68	416	20	97	354	87.1	17.0	75	438	21.1	107
	40	300	91.2	14.4	56	389	18.8	87	319	93.5	15.3	62	409	19.8	95	338	95.9	16.3	69	430	20.8	104
	45	285	100	13.7	51	383	18.5	84	302	103	14.5	56	402	19.5	92	321	105	15.4	63	423	20.4	101
	50	269	110	12.9	46	377	18.3	82	285	113	13.7	51	395	19.2	90	287	109	13.8	52	394	19.1	89
	55																					
320	30	392	81.5	18.9	79	472	<i>11.4</i> 11.4	<i>46</i> 46	416	83.3	20.0	88	497	<i>12.0</i> 12.0	<i>51</i> 51	441	85.2	21.3	98	524	<i>12.6</i> 12.6	<i>56</i> 56
	35	376	91	18.1	73	465	<i>11.2</i> 11.2	<i>45</i> 45	400	93	19.2	82	490	<i>11.8</i> 11.8	<i>50</i> 50	424	95	20.4	91	516	<i>12.4</i> 12.4	<i>55</i> 55
	40	360	101	17.3	67	459	<i>11.1</i> 11.1	<i>44</i> 44	382	103	18.4	75	484	<i>11.7</i> 11.7	<i>49</i> 49	406	105	19.5	84	509	<i>12.3</i> 12.3	<i>53</i> 53
	45	343	112	16.5	62	453	<i>11.0</i> 11.0	<i>43</i> 43	365	114	17.5	69	477	<i>11.5</i> 11.5	<i>48</i> 48	387	117	18.6	77	501	<i>12.1</i> 12.1	<i>52</i> 52
	50	325	124	15.6	56	447	<i>10.8</i> 10.8	<i>43</i> 43	346	126	16.6	63	470	<i>11.4</i> 11.4	<i>47</i> 47	368	128	17.7	71	494	<i>12.0</i> 12.0	<i>51</i> 51
	55																					

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

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