

Chiller selection for operating conditions other than nominal (catalogue):

$$Q_{op} = Q_n \times K$$

- Q_{op}: Chiller cooling capacity at operating conditions
- Q_n: Chiller cooling capacity at nominal conditions (catalogue)
- K: Correction factor for operating conditions (ambient temperature – out water temperature)

For use with **IPE, RAK** series

K	Fattore di correzione per Refrigeratori condensati ad acqua Correction factor for water chiller air condensed											
	TEMPERATURA ACQUA USCITA - OUT WATER TEMPERATURE [°C]											
	5	6	7	8	9	10	11	12	13	14	15	
TEMPERATURA AMBIENTE AMBIENT TEMPERATURE [°C]	25	0.69	0.72	0.75	0.77	0.80	0.83	0.86	0.90	0.93	0.97	1.00
	26	0.69	0.71	0.74	0.77	0.79	0.82	0.85	0.89	0.92	0.96	0.99
	27	0.68	0.70	0.73	0.76	0.78	0.81	0.84	0.88	0.91	0.95	0.98
	28	0.67	0.69	0.72	0.75	0.77	0.80	0.83	0.86	0.90	0.93	0.97
	29	0.66	0.69	0.71	0.74	0.76	0.79	0.82	0.85	0.89	0.92	0.96
	30	0.65	0.68	0.70	0.73	0.75	0.77	0.81	0.84	0.88	0.91	0.94
	31	0.64	0.67	0.69	0.72	0.75	0.77	0.80	0.83	0.86	0.90	0.93
	32	0.63	0.66	0.68	0.71	0.74	0.76	0.79	0.82	0.85	0.89	0.92
	33	0.62	0.65	0.67	0.70	0.73	0.75	0.78	0.81	0.84	0.88	0.91
	34	0.61	0.64	0.66	0.69	0.72	0.74	0.77	0.80	0.83	0.86	0.90
	35	0.60	0.63	0.65	0.68	0.71	0.73	0.76	0.79	0.82	0.85	0.88
	36	0.59	0.62	0.65	0.67	0.70	0.72	0.75	0.78	0.81	0.83	0.86
	37	0.59	0.61	0.64	0.66	0.69	0.71	0.74	0.77	0.80	0.82	0.85
	38	0.58	0.60	0.63	0.65	0.68	0.70	0.73	0.76	0.79	0.81	0.84
	39	0.57	0.59	0.61	0.64	0.67	0.69	0.72	0.74	0.77	0.80	0.83
	40	0.56	0.58	0.60	0.63	0.66	0.68	0.71	0.73	0.76	0.79	0.82