

## 16 Data sheets

### 16.1 Performance data sheet with R407C

Conditions: Suction superheat: 10K; Liquid subcooling: 0K; Power supply: 380/420V – 3~ – 50 Hz

#### R407C - ZR94KCE-TFD

Capacity kW	Cond. Temp. °C	Evaporating temperature °C											
		-25	-20	-15	-10	-5	0	5	7	10	12.5	15	20
25	7.61	9.65	12	14.75	17.95	21.8	26.2	28.2	31.4				
30	6.93	9.07	11.45	14.2	17.4	21.1	25.3	27.2	30.3	33.1	36.1		
35	6.03	8.29	10.75	13.5	16.65	20.2	24.4	26.2	29.2	31.8	34.7	41	
40		7.3	9.84	12.6	15.75	19.25	23.3	25	27.9	30.4	33.1	39.2	
45			8.73	11.55	14.65	18.1	22	23.7	26.5	28.9	31.5	37.3	
50				10.25	13.35	16.8	20.6	22.3	24.9	27.2	29.7	35.2	
55					11.9	15.25	19	20.6	23.2	25.4	27.8	33.1	
60						13.55	17.2	18.75	21.2	23.4	25.7	30.8	
65							15.2	16.75	19.2	21.2	23.5	28.3	

Power Input kW	Cond. Temp. °C	Evaporating temperature °C											
		-25	-20	-15	-10	-5	0	5	7	10	12.5	15	20
25	3.4	3.46	3.5	3.53	3.55	3.55	3.56	3.56	3.56				
30	3.81	3.87	3.92	3.95	3.97	3.98	3.98	3.97	3.97	3.97	3.96		
35	4.28	4.34	4.39	4.42	4.44	4.44	4.44	4.43	4.43	4.42	4.41	4.39	
40		4.89	4.94	4.97	4.98	4.98	4.96	4.96	4.94	4.93	4.91	4.88	
45			5.57	5.59	5.6	5.59	5.57	5.55	5.53	5.51	5.49	5.45	
50				6.32	6.32	6.3	6.26	6.24	6.21	6.19	6.16	6.09	
55					7.15	7.12	7.07	7.04	7	6.97	6.93	6.85	
60						8.06	8	7.97	7.92	7.87	7.83	7.72	
65							9.07	9.04	8.97	8.92	8.86	8.73	

#### R407C - ZR108KCE-TFD

Capacity kW	Cond. Temp. °C	Evaporating temperature °C											
		-25	-20	-15	-10	-5	0	5	7	10	12.5	15	20
25	8.48	10.75	13.5	16.75	20.6	25	30.2	32.5	36.2				
30	7.93	10.15	12.8	15.95	19.6	23.9	29	31.2	34.8	38	41.4		
35	7.34	9.5	12.05	15.05	18.6	22.8	27.6	29.7	33.2	36.3	39.5	46.8	
40		8.82	11.25	14.15	17.55	21.5	26.2	28.2	31.5	34.4	37.6	44.6	
45			10.45	13.2	16.45	20.2	24.6	26.6	29.7	32.5	35.6	42.2	
50				12.2	15.25	18.85	23	24.9	27.9	30.6	33.4	39.8	
55					14.05	17.4	21.4	23.1	25.9	28.5	31.2	37.3	
60						15.95	19.65	21.3	23.9	26.3	28.9	34.6	
65							17.85	19.35	21.8	24.1	26.5	31.9	

Power Input kW	Cond. Temp. °C	Evaporating temperature °C											
		-25	-20	-15	-10	-5	0	5	7	10	12.5	15	20
25	3.74	3.8	3.84	3.89	3.96	4.06	4.23	4.31	4.46				
30	4.19	4.26	4.3	4.34	4.38	4.45	4.56	4.62	4.74	4.85	4.99		
35	4.67	4.77	4.82	4.85	4.88	4.92	5	5.04	5.11	5.2	5.3	5.56	
40		5.32	5.39	5.43	5.46	5.48	5.52	5.55	5.6	5.65	5.72	5.92	
45			6.02	6.08	6.11	6.12	6.14	6.16	6.19	6.22	6.27	6.4	
50				6.79	6.84	6.85	6.86	6.87	6.88	6.9	6.93	7.01	
55					7.64	7.67	7.68	7.68	7.68	7.69	7.7	7.75	
60						8.58	8.59	8.6	8.59	8.59	8.6	8.62	
65							9.61	9.61	9.61	9.61	9.61	9.61	