基于过冷度的修正系数

是指过冷却程度引起的容量变化，通常发生在二级压缩装置的低级侧高压液体冷媒、热交换附属装置等位置。
对于过冷度大的装置，容量表中的数值乘以下表中的系数即为膨胀阀的容量。

R134a

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.10	1.20	1.30	—	—	—	—
10	1.00	1.11	1.22	1.33	1.45	—	—	—
20	1.00	1.12	1.25	1.37	1.50	1.62	—	—
30	1.00	1.14	1.28	1.42	1.56	1.70	1.85	—
38	1.00	1.15	1.31	1.47	1.63	1.79	1.95	2.11
40	1.00	1.16	1.32	1.48	1.65	1.81	1.98	2.14
50	1.00	1.19	1.38	1.57	1.76	1.96	2.15	2.35
60	1.00	1.23	1.46	1.70	1.93	2.17	2.41	2.65

R404A

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.13	1.26	1.39	—	—	—	—
10	1.00	1.15	1.29	1.44	1.59	—	—	—
20	1.00	1.17	1.34	1.51	1.69	1.86	—	—
30	1.00	1.20	1.41	1.62	1.82	2.03	2.24	—
38	1.00	1.24	1.49	1.73	1.98	2.23	2.48	2.73
40	1.00	1.26	1.51	1.77	2.03	2.29	2.55	2.82
50	1.00	1.35	1.70	2.04	2.39	2.74	3.09	3.45
60	1.00	1.56	2.11	2.65	3.19	3.74	4.28	4.84

R407C

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.10	1.21	1.31	—	—	—	—
10	1.00	1.11	1.23	1.34	1.46	—	—	—
20	1.00	1.13	1.26	1.38	1.51	1.65	—	—
30	1.00	1.15	1.29	1.44	1.59	1.73	1.88	—
38	1.00	1.16	1.33	1.49	1.66	1.83	2.00	2.17
40	1.00	1.17	1.34	1.51	1.68	1.86	2.03	2.21
50	1.00	1.21	1.41	1.62	1.82	2.03	2.24	2.45
60	1.00	1.26	1.53	1.79	2.05	2.31	2.57	2.83

R410A

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.11	1.21	1.32	—	—	—	—
10	1.00	1.12	1.24	1.36	1.48	—	—	—
20	1.00	1.14	1.27	1.41	1.54	1.68	—	—
30	1.00	1.16	1.32	1.47	1.63	1.79	1.94	—
38	1.00	1.18	1.36	1.54	1.72	1.90	2.08	2.27
40	1.00	1.19	1.38	1.57	1.75	1.94	2.13	2.32
50	1.00	1.25	1.48	1.72	1.95	2.18	2.42	2.65
60	1.00	1.36	1.70	2.02	2.34	2.66	2.98	3.29

R448A

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.09	1.18	1.27	—	—	—	—
10	1.00	1.10	1.20	1.30	1.40	—	—	—
20	1.00	1.12	1.23	1.34	1.46	1.57	—	—
30	1.00	1.13	1.27	1.40	1.52	1.65	1.78	—
38	1.00	1.15	1.30	1.45	1.60	1.74	1.88	2.03
40	1.00	1.16	1.32	1.47	1.62	1.77	1.91	2.06
50	1.00	1.20	1.39	1.57	1.76	1.94	2.12	2.29
60	1.00	1.26	1.51	1.75	1.99	2.22	2.45	2.67

R449A

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.09	1.18	1.28	—	—	—	—
10	1.00	1.10	1.21	1.31	1.41	—	—	—
20	1.00	1.12	1.23	1.35	1.46	1.57	—	—
30	1.00	1.14	1.27	1.40	1.53	1.66	1.79	—
38	1.00	1.16	1.31	1.46	1.60	1.75	1.89	2.04
40	1.00	1.16	1.32	1.47	1.63	1.78	1.93	2.07
50	1.00	1.20	1.39	1.58	1.77	1.95	2.13	2.31
60	1.00	1.27	1.52	1.77	2.01	2.25	2.48	2.71

R407H

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.08	1.16	1.25	—	—	—	—
10	1.00	1.09	1.18	1.27	1.36	—	—	—
20	1.00	1.10	1.20	1.30	1.40	1.50	—	—
30	1.00	1.12	1.23	1.34	1.45	1.56	1.67	—
38	1.00	1.13	1.26	1.38	1.51	1.63	1.75	1.87
40	1.00	1.13	1.27	1.39	1.52	1.65	1.77	1.89
50	1.00	1.16	1.32	1.47	1.62	1.77	1.91	2.06
60	1.00	1.20	1.40	1.58	1.77	1.95	2.12	2.30

R463A-J

冷凝温度（℃）	过冷度⊿T							
	0	10	20	30	40	50	60	70
0	1.00	1.09	1.18	1.27	—	—	—	—
10	1.00	1.10	1.20	1.30	1.40	—	—	—
20	1.00	1.12	1.23	1.34	1.45	1.56	—	—
30	1.00	1.13	1.26	1.39	1.52	1.64	1.77	—
38	1.00	1.15	1.30	1.45	1.59	1.73	1.87	2.01
40	1.00	1.16	1.32	1.47	1.62	1.76	1.91	2.05
50	1.00	1.20	1.40	1.58	1.76	1.94	2.12	2.29
60	1.00	1.29	1.55	1.79	2.03	2.27	2.50	2.72

R32 ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度(℃)	制冷能力 (kW) {美国冷冻吨} R32 冷凝温度 (℃)					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	7.4 {2.1}	8.1 {2.3}	8.4 {2.4}	8.6 {2.5}	9.0 {2.6}	9.3 {2.6}
	5	8.1 {2.3}	8.6 {2.5}	8.9 {2.5}	9.1 {2.6}	9.4 {2.7}	9.6 {2.7}
	0	8.6 {2.4}	9.1 {2.6}	9.3 {2.6}	9.4 {2.7}	9.7 {2.8}	9.8 {2.8}
	-5	9.0 {2.6}	9.4 {2.7}	9.6 {2.7}	9.7 {2.8}	9.9 {2.8}	10.0 {2.9}
	-10	9.4 {2.7}	9.7 {2.8}	9.9 {2.8}	10.0 {2.8}	10.1 {2.9}	10.2 {2.9}
	-20	9.8 {2.8}	10.1 {2.9}	10.2 {2.9}	10.3 {2.9}	10.4 {3.0}	10.4 {3.0}
	-30	10.1 {2.9}	10.3 {2.9}	10.4 {3.0}	10.5 {3.0}	10.5 {3.0}	10.5 {3.0}
	-40	10.2 {2.9}	10.4 {3.0}	10.5 {3.0}	10.5 {3.0}	10.5 {3.0}	10.4 {3.0}
	-50	10.2 {2.9}	10.3 {2.9}	10.4 {3.0}	10.4 {3.0}	10.4 {3.0}	10.3 {2.9}
VKV-18DS VKV-18DS168	10	14.8 {4.2}	16.2 {4.6}	16.8 {4.8}	17.2 {4.9}	18.0 {5.1}	18.5 {5.3}
	5	16.1 {4.6}	17.3 {4.9}	17.8 {5.1}	18.1 {5.2}	18.8 {5.3}	19.1 {5.4}
	0	17.2 {4.9}	18.1 {5.2}	18.6 {5.3}	18.9 {5.4}	19.4 {5.5}	19.7 {5.6}
	-5	18.0 {5.1}	18.9 {5.4}	19.3 {5.5}	19.5 {5.5}	19.9 {5.7}	20.1 {5.7}
	-10	18.7 {5.3}	19.4 {5.5}	19.8 {5.6}	20.0 {5.7}	20.3 {5.8}	20.4 {5.8}
	-20	19.7 {5.6}	20.2 {5.7}	20.5 {5.8}	20.6 {5.9}	20.8 {5.9}	20.8 {5.9}
	-30	20.2 {5.7}	20.6 {5.9}	20.8 {5.9}	20.9 {5.9}	21.0 {6.0}	20.9 {6.0}
	-40	20.4 {5.8}	20.8 {5.9}	20.9 {5.9}	21.0 {6.0}	21.0 {6.0}	20.8 {5.9}
	-50	20.4 {5.8}	20.7 {5.9}	20.8 {5.9}	20.8 {5.9}	20.8 {5.9}	20.6 {5.9}
VKV-25DS VKV-25DS169	10	26.7 {7.6}	29.1 {8.3}	30.3 {8.6}	31.0 {8.8}	32.4 {9.2}	33.3 {9.5}
	5	29.0 {8.3}	31.1 {8.8}	32.1 {9.1}	32.7 {9.3}	33.8 {9.6}	34.5 {9.8}
	0	30.9 {8.8}	32.7 {9.3}	33.5 {9.5}	34.0 {9.7}	34.9 {9.9}	35.4 {10.1}
	-5	32.5 {9.2}	33.9 {9.7}	34.7 {9.9}	35.1 {10.0}	35.8 {10.2}	36.2 {10.3}
	-10	33.7 {9.6}	35.0 {9.9}	35.6 {10.1}	35.9 {10.2}	36.5 {10.4}	36.7 {10.4}
	-20	35.4 {10.1}	36.4 {10.3}	36.8 {10.5}	37.1 {10.5}	37.4 {10.6}	37.4 {10.6}
	-30	36.4 {10.3}	37.2 {10.6}	37.5 {10.7}	37.6 {10.7}	37.8 {10.8}	37.7 {10.7}
	-40	36.8 {10.5}	37.4 {10.6}	37.6 {10.7}	37.7 {10.7}	37.8 {10.7}	37.5 {10.7}
	-50	36.8 {10.5}	37.3 {10.6}	37.4 {10.6}	37.5 {10.7}	37.4 {10.6}	37.1 {10.5}
VKV-30DS VKV-30DS170	10	35.6 {10.1}	38.8 {11.0}	40.4 {11.5}	41.4 {11.8}	43.2 {12.3}	44.4 {12.6}
	5	38.7 {11.0}	41.4 {11.8}	42.8 {12.2}	43.5 {12.4}	45.1 {12.8}	46.0 {13.1}
	0	41.3 {11.7}	43.6 {12.4}	44.7 {12.7}	45.3 {12.9}	46.5 {13.2}	47.2 {13.4}
	-5	43.3 {12.3}	45.3 {12.9}	46.2 {13.1}	46.8 {13.3}	47.8 {13.6}	48.2 {13.7}
	-10	44.9 {12.8}	46.6 {13.3}	47.4 {13.5}	47.9 {13.6}	48.7 {13.8}	49.0 {13.9}
	-20	47.2 {13.4}	48.5 {13.8}	49.1 {14.0}	49.4 {14.1}	49.9 {14.2}	49.9 {14.2}
	-30	48.5 {13.8}	49.5 {14.1}	50.0 {14.2}	50.2 {14.3}	50.4 {14.3}	50.2 {14.3}
	-40	49.1 {13.9}	49.9 {14.2}	50.2 {14.3}	50.3 {14.3}	50.4 {14.3}	50.0 {14.2}
	-50	49.0 {13.9}	49.7 {14.1}	49.9 {14.2}	50.0 {14.2}	49.9 {14.2}	49.4 {14.1}
VKV-32DS VKV-32DS171	10	41.5 {11.8}	45.3 {12.9}	47.2 {13.4}	48.3 {13.7}	50.4 {14.3}	51.8 {14.7}
	5	45.2 {12.8}	48.4 {13.7}	49.9 {14.2}	50.8 {14.4}	52.6 {14.9}	53.6 {15.2}
	0	48.1 {13.7}	50.8 {14.4}	52.1 {14.8}	52.9 {15.0}	54.3 {15.4}	55.1 {15.7}
	-5	50.5 {14.4}	52.8 {15.0}	53.9 {15.3}	54.6 {15.5}	55.7 {15.8}	56.2 {16.0}
	-10	52.4 {14.9}	54.4 {15.5}	55.4 {15.7}	55.9 {15.9}	56.8 {16.2}	57.1 {16.2}
	-20	55.1 {15.7}	56.6 {16.1}	57.3 {16.3}	57.7 {16.4}	58.2 {16.6}	58.2 {16.6}
	-30	56.6 {16.1}	57.8 {16.4}	58.3 {16.6}	58.6 {16.6}	58.8 {16.7}	58.6 {16.7}
	-40	57.2 {16.3}	58.2 {16.5}	58.6 {16.6}	58.7 {16.7}	58.8 {16.7}	58.4 {16.6}
	-50	57.2 {16.3}	58.0 {16.5}	58.2 {16.6}	58.3 {16.6}	58.2 {16.6}	57.6 {16.4}
VKV-40DS	10	66.7 {19.0}	72.8 {20.7}	75.8 {21.6}	77.6 {22.1}	81.0 {23.0}	83.3 {23.7}
	5	72.6 {20.6}	77.7 {22.1}	80.2 {22.8}	81.6 {23.2}	84.5 {24.0}	86.2 {24.5}
	0	77.3 {22.0}	81.7 {23.2}	83.8 {23.8}	85.0 {24.2}	87.3 {24.8}	88.5 {25.2}
	-5	81.2 {23.1}	84.9 {24.1}	86.7 {24.6}	87.7 {24.9}	89.5 {25.5}	90.4 {25.7}
	-10	84.2 {23.9}	87.4 {24.9}	89.0 {25.3}	89.8 {25.5}	91.3 {26.0}	91.8 {26.1}
	-20	88.5 {25.2}	91.0 {25.9}	92.1 {26.2}	92.7 {26.4}	93.6 {26.6}	93.6 {26.6}
	-30	91.0 {25.9}	92.9 {26.4}	93.7 {26.6}	94.1 {26.8}	94.6 {26.9}	94.2 {26.8}
	-40	92.0 {26.2}	93.5 {26.6}	94.1 {26.8}	94.4 {26.8}	94.5 {26.9}	93.8 {26.7}
	-50	91.9 {26.1}	93.1 {26.5}	93.6 {26.6}	93.7 {26.6}	93.6 {26.6}	92.6 {26.3}

R134a ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度（℃）	制冷能力 (kW) {美国冷冻吨} R134a 冷凝温度（℃）					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	3.4 {1.0}	3.7 {1.1}	3.9 {1.1}	4.0 {1.1}	4.2 {1.2}	4.3 {1.2}
	5	3.6 {1.0}	3.9 {1.1}	4.0 {1.1}	4.1 {1.2}	4.2 {1.2}	4.3 {1.2}
	0	3.8 {1.1}	4.0 {1.1}	4.1 {1.2}	4.2 {1.2}	4.3 {1.2}	4.4 {1.2}
	-5	3.9 {1.1}	4.1 {1.2}	4.2 {1.2}	4.2 {1.2}	4.3 {1.2}	4.4 {1.2}
	-10	4.0 {1.1}	4.2 {1.2}	4.2 {1.2}	4.3 {1.2}	4.3 {1.2}	4.3 {1.2}
	-20	4.1 {1.2}	4.2 {1.2}	4.2 {1.2}	4.2 {1.2}	4.3 {1.2}	4.2 {1.2}
	-30	4.0 {1.1}	4.1 {1.2}	4.1 {1.2}	4.1 {1.2}	4.1 {1.2}	4.1 {1.2}
	-40	3.9 {1.1}	4.0 {1.1}	4.0 {1.1}	4.0 {1.1}	4.0 {1.1}	3.9 {1.1}
	-50	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.7 {1.1}
VKV-18DS VKV-18DS168	10	6.8 {1.9}	7.5 {2.1}	7.8 {2.2}	7.9 {2.3}	8.3 {2.4}	8.6 {2.4}
	5	7.3 {2.1}	7.8 {2.2}	8.1 {2.3}	8.2 {2.3}	8.5 {2.4}	8.7 {2.5}
	0	7.6 {2.2}	8.1 {2.3}	8.3 {2.3}	8.4 {2.4}	8.6 {2.4}	8.7 {2.5}
	-5	7.9 {2.2}	8.2 {2.3}	8.4 {2.4}	8.5 {2.4}	8.6 {2.5}	8.7 {2.5}
	-10	8.0 {2.3}	8.3 {2.4}	8.4 {2.4}	8.5 {2.4}	8.6 {2.5}	8.7 {2.5}
	-20	8.1 {2.3}	8.3 {2.4}	8.4 {2.4}	8.5 {2.4}	8.5 {2.4}	8.5 {2.4}
	-30	8.1 {2.3}	8.2 {2.3}	8.3 {2.3}	8.3 {2.4}	8.3 {2.4}	8.2 {2.3}
	-40	7.9 {2.2}	8.0 {2.3}	8.0 {2.3}	8.0 {2.3}	7.9 {2.3}	7.8 {2.2}
	-50	7.6 {2.2}	7.7 {2.2}	7.7 {2.2}	7.6 {2.2}	7.6 {2.1}	7.4 {2.1}
VKV-25DS VKV-25DS169	10	12.3 {3.5}	13.4 {3.8}	14.0 {4.0}	14.3 {4.1}	15.0 {4.3}	15.4 {4.4}
	5	13.1 {3.7}	14.0 {4.0}	14.5 {4.1}	14.8 {4.2}	15.3 {4.3}	15.6 {4.4}
	0	13.7 {3.9}	14.5 {4.1}	14.9 {4.2}	15.1 {4.3}	15.5 {4.4}	15.7 {4.5}
	-5	14.2 {4.0}	14.8 {4.2}	15.1 {4.3}	15.2 {4.3}	15.6 {4.4}	15.7 {4.5}
	-10	14.4 {4.1}	15.0 {4.3}	15.2 {4.3}	15.3 {4.4}	15.6 {4.4}	15.6 {4.4}
	-20	14.7 {4.2}	15.0 {4.3}	15.2 {4.3}	15.2 {4.3}	15.3 {4.4}	15.3 {4.3}
	-30	14.5 {4.1}	14.8 {4.2}	14.9 {4.2}	14.9 {4.2}	14.9 {4.2}	14.7 {4.2}
	-40	14.2 {4.0}	14.4 {4.1}	14.4 {4.1}	14.4 {4.1}	14.3 {4.1}	14.1 {4.0}
	-50	13.7 {3.9}	13.8 {3.9}	13.8 {3.9}	13.8 {3.9}	13.6 {3.9}	13.3 {3.8}
VKV-30DS VKV-30DS170	10	16.4 {4.7}	17.9 {5.1}	18.6 {5.3}	19.1 {5.4}	19.9 {5.7}	20.5 {5.8}
	5	17.5 {5.0}	18.7 {5.3}	19.3 {5.5}	19.7 {5.6}	20.4 {5.8}	20.8 {5.9}
	0	18.3 {5.2}	19.3 {5.5}	19.8 {5.6}	20.1 {5.7}	20.6 {5.9}	20.9 {6.0}
	-5	18.9 {5.4}	19.7 {5.6}	20.1 {5.7}	20.3 {5.8}	20.7 {5.9}	20.9 {6.0}
	-10	19.2 {5.5}	19.9 {5.7}	20.3 {5.8}	20.4 {5.8}	20.7 {5.9}	20.8 {5.9}
	-20	19.5 {5.6}	20.0 {5.7}	20.2 {5.7}	20.3 {5.8}	20.4 {5.8}	20.4 {5.8}
	-30	19.4 {5.5}	19.7 {5.6}	19.8 {5.6}	19.9 {5.6}	19.9 {5.6}	19.7 {5.6}
	-40	19.0 {5.4}	19.1 {5.4}	19.2 {5.5}	19.2 {5.5}	19.1 {5.4}	18.8 {5.3}
	-50	18.3 {5.2}	18.4 {5.2}	18.4 {5.2}	18.4 {5.2}	18.1 {5.2}	17.7 {5.0}
VKV-32DS VKV-32DS171	10	19.1 {5.4}	20.9 {5.9}	21.7 {6.2}	22.2 {6.3}	23.3 {6.6}	24.0 {6.8}
	5	20.4 {5.8}	21.9 {6.2}	22.5 {6.4}	22.9 {6.5}	23.8 {6.8}	24.3 {6.9}
	0	21.4 {6.1}	22.5 {6.4}	23.1 {6.6}	23.4 {6.7}	24.1 {6.8}	24.4 {6.9}
	-5	22.0 {6.3}	23.0 {6.5}	23.5 {6.7}	23.7 {6.7}	24.2 {6.9}	24.4 {6.9}
	-10	22.5 {6.4}	23.3 {6.6}	23.6 {6.7}	23.8 {6.8}	24.2 {6.9}	24.3 {6.9}
	-20	22.8 {6.5}	23.4 {6.6}	23.6 {6.7}	23.7 {6.7}	23.8 {6.8}	23.8 {6.8}
	-30	22.6 {6.4}	23.0 {6.5}	23.1 {6.6}	23.2 {6.6}	23.2 {6.6}	22.9 {6.5}
	-40	22.1 {6.3}	22.3 {6.4}	22.4 {6.4}	22.4 {6.4}	22.2 {6.3}	21.9 {6.2}
	-50	21.4 {6.1}	21.5 {6.1}	21.5 {6.1}	21.4 {6.1}	21.2 {6.0}	20.7 {5.9}
VKV-40DS	10	30.7 {8.7}	33.5 {9.5}	34.9 {9.9}	35.7 {10.2}	37.4 {10.6}	38.5 {10.9}
	5	32.8 {9.3}	35.1 {10.0}	36.2 {10.3}	36.9 {10.5}	38.2 {10.9}	39.0 {11.1}
	0	34.3 {9.8}	36.2 {10.3}	37.1 {10.6}	37.7 {10.7}	38.7 {11.0}	39.2 {11.2}
	-5	35.4 {10.1}	37.0 {10.5}	37.7 {10.7}	38.1 {10.8}	38.9 {11.1}	39.2 {11.2}
	-10	36.1 {10.3}	37.4 {10.6}	38.0 {10.8}	38.3 {10.9}	38.9 {11.1}	39.1 {11.1}
	-20	36.6 {10.4}	37.5 {10.7}	37.9 {10.8}	38.1 {10.8}	38.3 {10.9}	38.2 {10.9}
	-30	36.4 {10.3}	37.0 {10.5}	37.2 {10.6}	37.2 {10.6}	37.2 {10.6}	36.9 {10.5}
	-40	35.5 {10.1}	35.9 {10.2}	36.0 {10.2}	36.0 {10.2}	35.7 {10.2}	35.2 {10.0}
	-50	34.3 {9.8}	34.5 {9.8}	34.5 {9.8}	34.4 {9.8}	34.0 {9.7}	33.3 {9.5}

R404A ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度（℃）	制冷能力 (kW) {美国冷冻吨} R404A 冷凝温度（℃）					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	3.2 {0.9}	3.4 {1.0}	3.5 {1.0}	3.5 {1.0}	3.6 {1.0}	3.5 {1.0}
	5	3.4 {1.0}	3.6 {1.0}	3.6 {1.0}	3.6 {1.0}	3.6 {1.0}	3.5 {1.0}
	0	3.6 {1.0}	3.7 {1.1}	3.7 {1.1}	3.7 {1.1}	3.7 {1.0}	3.6 {1.0}
	-5	3.7 {1.1}	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.7 {1.0}	3.5 {1.0}
	-10	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.7 {1.0}	3.5 {1.0}
	-20	3.8 {1.1}	3.8 {1.1}	3.8 {1.1}	3.7 {1.1}	3.6 {1.0}	3.4 {1.0}
	-30	3.8 {1.1}	3.8 {1.1}	3.7 {1.0}	3.6 {1.0}	3.5 {1.0}	3.2 {0.9}
	-40	3.7 {1.0}	3.6 {1.0}	3.5 {1.0}	3.5 {1.0}	3.3 {0.9}	3.0 {0.9}
	-50	3.5 {1.0}	3.4 {1.0}	3.3 {1.0}	3.3 {0.9}	3.1 {0.9}	2.8 {0.8}
VKV-18DS VKV-18DS168	10	6.4 {1.8}	6.8 {1.9}	7.0 {2.0}	7.0 {2.0}	7.1 {2.0}	7.0 {2.0}
	5	6.9 {1.9}	7.2 {2.0}	7.3 {2.1}	7.3 {2.1}	7.3 {2.1}	7.1 {2.0}
	0	7.2 {2.0}	7.4 {2.1}	7.4 {2.1}	7.4 {2.1}	7.4 {2.1}	7.1 {2.0}
	-5	7.4 {2.1}	7.6 {2.1}	7.6 {2.2}	7.5 {2.1}	7.4 {2.1}	7.1 {2.0}
	-10	7.6 {2.2}	7.6 {2.2}	7.6 {2.2}	7.6 {2.1}	7.4 {2.1}	7.0 {2.0}
	-20	7.7 {2.2}	7.7 {2.2}	7.6 {2.2}	7.5 {2.1}	7.2 {2.0}	6.8 {1.9}
	-30	7.6 {2.2}	7.5 {2.1}	7.4 {2.1}	7.3 {2.1}	6.9 {2.0}	6.5 {1.8}
	-40	7.4 {2.1}	7.2 {2.1}	7.1 {2.0}	6.9 {2.0}	6.5 {1.9}	6.0 {1.7}
	-50	7.1 {2.0}	6.9 {2.0}	6.7 {1.9}	6.5 {1.9}	6.1 {1.7}	5.6 {1.6}
VKV-25DS VKV-25DS169	10	11.5 {3.3}	12.3 {3.5}	12.6 {3.6}	12.7 {3.6}	12.8 {3.6}	12.6 {3.6}
	5	12.3 {3.5}	12.9 {3.7}	13.1 {3.7}	13.1 {3.7}	13.1 {3.7}	12.7 {3.6}
	0	12.9 {3.7}	13.3 {3.8}	13.4 {3.8}	13.4 {3.8}	13.2 {3.8}	12.8 {3.6}
	-5	13.3 {3.8}	13.6 {3.9}	13.6 {3.9}	13.5 {3.8}	13.3 {3.8}	12.8 {3.6}
	-10	13.6 {3.9}	13.8 {3.9}	13.7 {3.9}	13.6 {3.9}	13.3 {3.8}	12.6 {3.6}
	-20	13.8 {3.9}	13.8 {3.9}	13.6 {3.9}	13.5 {3.8}	13.0 {3.7}	12.2 {3.5}
	-30	13.7 {3.9}	13.5 {3.8}	13.3 {3.8}	13.1 {3.7}	12.5 {3.5}	11.6 {3.3}
	-40	13.3 {3.8}	13.0 {3.7}	12.7 {3.6}	12.5 {3.5}	11.8 {3.4}	10.9 {3.1}
	-50	12.7 {3.6}	12.4 {3.5}	12.0 {3.4}	11.8 {3.3}	11.0 {3.1}	10.0 {2.8}
VKV-30DS VKV-30DS170	10	15.4 {4.4}	16.4 {4.7}	16.8 {4.8}	16.9 {4.8}	17.1 {4.9}	16.8 {4.8}
	5	16.5 {4.7}	17.2 {4.9}	17.4 {5.0}	17.5 {5.0}	17.4 {5.0}	17.0 {4.8}
	0	17.2 {4.9}	17.8 {5.1}	17.9 {5.1}	17.8 {5.1}	17.6 {5.0}	17.1 {4.9}
	-5	17.8 {5.1}	18.1 {5.2}	18.1 {5.2}	18.0 {5.1}	17.7 {5.0}	17.0 {4.8}
	-10	18.2 {5.2}	18.3 {5.2}	18.3 {5.2}	18.1 {5.2}	17.7 {5.0}	16.9 {4.8}
	-20	18.4 {5.2}	18.4 {5.2}	18.2 {5.2}	17.9 {5.1}	17.3 {4.9}	16.3 {4.6}
	-30	18.2 {5.2}	18.0 {5.1}	17.7 {5.0}	17.4 {4.9}	16.6 {4.7}	15.5 {4.4}
	-40	17.7 {5.0}	17.4 {4.9}	17.0 {4.8}	16.6 {4.7}	15.7 {4.5}	14.5 {4.1}
	-50	17.0 {4.8}	16.5 {4.7}	16.1 {4.6}	15.7 {4.5}	14.7 {4.2}	13.3 {3.8}
VKV-32DS VKV-32DS171	10	17.9 {5.1}	19.1 {5.4}	19.6 {5.6}	19.7 {5.6}	19.9 {5.7}	19.6 {5.6}
	5	19.2 {5.5}	20.1 {5.7}	20.3 {5.8}	20.4 {5.8}	20.3 {5.8}	19.8 {5.6}
	0	20.1 {5.7}	20.7 {5.9}	20.9 {5.9}	20.8 {5.9}	20.6 {5.9}	19.9 {5.7}
	-5	20.8 {5.9}	21.2 {6.0}	21.2 {6.0}	21.1 {6.0}	20.7 {5.9}	19.8 {5.6}
	-10	21.2 {6.0}	21.4 {6.1}	21.3 {6.1}	21.1 {6.0}	20.6 {5.9}	19.7 {5.6}
	-20	21.5 {6.1}	21.4 {6.1}	21.2 {6.0}	20.9 {6.0}	20.2 {5.7}	19.0 {5.4}
	-30	21.3 {6.0}	21.0 {6.0}	20.7 {5.9}	20.3 {5.8}	19.4 {5.5}	18.1 {5.1}
	-40	20.7 {5.9}	20.3 {5.8}	19.8 {5.6}	19.4 {5.5}	18.3 {5.2}	16.9 {4.8}
	-50	19.8 {5.6}	19.3 {5.5}	18.7 {5.3}	18.3 {5.2}	17.1 {4.9}	15.6 {4.4}
VKV-40DS	10	28.8 {8.2}	30.8 {8.7}	31.4 {8.9}	31.7 {9.0}	32.0 {9.1}	31.5 {9.0}
	5	30.8 {8.8}	32.3 {9.2}	32.7 {9.3}	32.7 {9.3}	32.7 {9.3}	31.9 {9.1}
	0	32.3 {9.2}	33.3 {9.5}	33.5 {9.5}	33.4 {9.5}	33.1 {9.4}	32.0 {9.1}
	-5	33.4 {9.5}	34.0 {9.7}	34.0 {9.7}	33.8 {9.6}	33.2 {9.4}	31.9 {9.1}
	-10	34.0 {9.7}	34.4 {9.8}	34.3 {9.7}	34.0 {9.7}	33.1 {9.4}	31.6 {9.0}
	-20	34.5 {9.8}	34.5 {9.8}	34.1 {9.7}	33.6 {9.6}	32.4 {9.2}	30.6 {8.7}
	-30	34.2 {9.7}	33.8 {9.6}	33.2 {9.4}	32.6 {9.3}	31.2 {8.9}	29.0 {8.3}
	-40	33.2 {9.4}	32.6 {9.3}	31.8 {9.1}	31.2 {8.9}	29.5 {8.4}	27.2 {7.7}
	-50	31.8 {9.0}	31.0 {8.8}	30.1 {8.6}	29.4 {8.4}	27.5 {7.8}	25.0 {7.1}

R410A ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度（℃）	制冷能力 (kW) {美国冷冻吨} R410A 冷凝温度（℃）					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	5.2 {1.5}	5.6 {1.6}	5.8 {1.6}	5.8 {1.7}	6.0 {1.7}	6.0 {1.7}
	5	5.6 {1.6}	5.9 {1.7}	6.1 {1.7}	6.1 {1.7}	6.2 {1.8}	6.2 {1.8}
	0	5.9 {1.7}	6.2 {1.8}	6.3 {1.8}	6.3 {1.8}	6.4 {1.8}	6.3 {1.8}
	-5	6.2 {1.8}	6.4 {1.8}	6.5 {1.8}	6.5 {1.8}	6.5 {1.9}	6.4 {1.8}
	-10	6.4 {1.8}	6.6 {1.9}	6.6 {1.9}	6.6 {1.9}	6.6 {1.9}	6.5 {1.8}
	-20	6.7 {1.9}	6.7 {1.9}	6.7 {1.9}	6.7 {1.9}	6.7 {1.9}	6.5 {1.8}
	-30	6.8 {1.9}	6.8 {1.9}	6.8 {1.9}	6.7 {1.9}	6.6 {1.9}	6.4 {1.8}
	-40	6.7 {1.9}	6.7 {1.9}	6.7 {1.9}	6.7 {1.9}	6.5 {1.9}	6.3 {1.8}
	-50	6.7 {1.9}	6.6 {1.9}	6.6 {1.9}	6.5 {1.9}	6.3 {1.8}	6.1 {1.7}
VKV-18DS VKV-18DS168	10	10.4 {2.9}	11.2 {3.2}	11.5 {3.3}	11.7 {3.3}	12.0 {3.4}	12.1 {3.4}
	5	11.2 {3.2}	11.8 {3.4}	12.1 {3.4}	12.2 {3.5}	12.4 {3.5}	12.4 {3.5}
	0	11.9 {3.4}	12.4 {3.5}	12.6 {3.6}	12.7 {3.6}	12.8 {3.6}	12.7 {3.6}
	-5	12.4 {3.5}	12.8 {3.6}	12.9 {3.7}	13.0 {3.7}	13.0 {3.7}	12.8 {3.7}
	-10	12.8 {3.6}	13.1 {3.7}	13.2 {3.8}	13.2 {3.8}	13.2 {3.7}	12.9 {3.7}
	-20	13.3 {3.8}	13.5 {3.8}	13.5 {3.8}	13.5 {3.8}	13.3 {3.8}	13.0 {3.7}
	-30	13.5 {3.8}	13.6 {3.9}	13.5 {3.9}	13.5 {3.8}	13.3 {3.8}	12.9 {3.7}
	-40	13.5 {3.8}	13.5 {3.8}	13.4 {3.8}	13.3 {3.8}	13.0 {3.7}	12.6 {3.6}
	-50	13.3 {3.8}	13.2 {3.8}	13.1 {3.7}	13.0 {3.7}	12.7 {3.6}	12.2 {3.5}
VKV-25DS VKV-25DS169	10	18.6 {5.3}	20.1 {5.7}	20.7 {5.9}	21.1 {6.0}	21.6 {6.1}	21.7 {6.2}
	5	20.2 {5.7}	21.3 {6.1}	21.8 {6.2}	22.0 {6.3}	22.4 {6.4}	22.3 {6.4}
	0	21.4 {6.1}	22.3 {6.3}	22.6 {6.4}	22.8 {6.5}	23.0 {6.5}	22.8 {6.5}
	-5	22.3 {6.3}	23.0 {6.5}	23.3 {6.6}	23.4 {6.7}	23.4 {6.7}	23.1 {6.6}
	-10	23.1 {6.6}	23.6 {6.7}	23.8 {6.8}	23.8 {6.8}	23.7 {6.7}	23.3 {6.6}
	-20	24.0 {6.8}	24.3 {6.9}	24.3 {6.9}	24.3 {6.9}	24.0 {6.8}	23.4 {6.7}
	-30	24.3 {6.9}	24.4 {6.9}	24.4 {6.9}	24.3 {6.9}	23.9 {6.8}	23.1 {6.6}
	-40	24.3 {6.9}	24.3 {6.9}	24.1 {6.9}	24.0 {6.8}	23.5 {6.7}	22.6 {6.4}
	-50	24.0 {6.8}	23.8 {6.8}	23.6 {6.7}	23.5 {6.7}	22.8 {6.5}	21.9 {6.2}
VKV-30DS VKV-30DS170	10	24.8 {7.1}	26.8 {7.6}	27.6 {7.9}	28.1 {8.0}	28.8 {8.2}	29.0 {8.2}
	5	26.9 {7.7}	28.4 {8.1}	29.1 {8.3}	29.4 {8.4}	29.9 {8.5}	29.8 {8.5}
	0	28.5 {8.1}	29.7 {8.4}	30.2 {8.6}	30.4 {8.6}	30.7 {8.7}	30.4 {8.6}
	-5	29.8 {8.5}	30.7 {8.7}	31.0 {8.8}	31.2 {8.9}	31.2 {8.9}	30.8 {8.8}
	-10	30.7 {8.7}	31.4 {8.9}	31.7 {9.0}	31.8 {9.0}	31.7 {9.0}	31.1 {8.8}
	-20	32.0 {9.1}	32.3 {9.2}	32.4 {9.2}	32.4 {9.2}	32.0 {9.1}	31.2 {8.9}
	-30	32.4 {9.2}	32.6 {9.3}	32.5 {9.2}	32.4 {9.2}	31.8 {9.1}	30.9 {8.8}
	-40	32.4 {9.2}	32.4 {9.2}	32.2 {9.2}	32.0 {9.1}	31.3 {8.9}	30.2 {8.6}
	-50	32.0 {9.1}	31.8 {9.0}	31.5 {9.0}	31.3 {8.9}	30.5 {8.7}	29.2 {8.3}
VKV-32DS VKV-32DS171	10	29.0 {8.2}	31.2 {8.9}	32.2 {9.2}	32.8 {9.3}	33.6 {9.6}	33.8 {9.6}
	5	31.4 {8.9}	33.1 {9.4}	33.9 {9.6}	34.3 {9.7}	34.8 {9.9}	34.7 {9.9}
	0	33.3 {9.5}	34.7 {9.9}	35.2 {10.0}	35.5 {10.1}	35.8 {10.2}	35.5 {10.1}
	-5	34.7 {9.9}	35.8 {10.2}	36.2 {10.3}	36.4 {10.3}	36.5 {10.4}	35.9 {10.2}
	-10	35.9 {10.2}	36.7 {10.4}	37.0 {10.5}	37.1 {10.5}	36.9 {10.5}	36.3 {10.3}
	-20	37.3 {10.6}	37.7 {10.7}	37.8 {10.7}	37.8 {10.7}	37.3 {10.6}	36.4 {10.3}
	-30	37.8 {10.8}	38.0 {10.8}	37.9 {10.8}	37.8 {10.7}	37.1 {10.6}	36.0 {10.2}
	-40	37.8 {10.7}	37.8 {10.7}	37.6 {10.7}	37.3 {10.6}	36.5 {10.4}	35.2 {10.0}
	-50	37.3 {10.6}	37.1 {10.5}	36.8 {10.5}	36.5 {10.4}	35.5 {10.1}	34.1 {9.7}
VKV-40DS	10	46.6 {13.2}	50.2 {14.3}	51.8 {14.7}	52.6 {15.0}	54.0 {15.4}	54.3 {15.4}
	5	50.5 {14.3}	53.3 {15.1}	54.5 {15.5}	55.1 {15.7}	56.0 {15.9}	55.8 {15.9}
	0	53.5 {15.2}	55.7 {15.8}	56.6 {16.1}	57.0 {16.2}	57.5 {16.3}	57.0 {16.2}
	-5	55.8 {15.9}	57.6 {16.4}	58.2 {16.6}	58.5 {16.6}	58.6 {16.7}	57.8 {16.4}
	-10	57.6 {16.4}	59.0 {16.8}	59.4 {16.9}	59.5 {16.9}	59.3 {16.9}	58.3 {16.6}
	-20	59.9 {17.0}	60.6 {17.2}	60.7 {17.3}	60.7 {17.3}	60.0 {17.1}	58.5 {16.6}
	-30	60.8 {17.3}	61.1 {17.4}	61.0 {17.3}	60.7 {17.3}	59.7 {17.0}	57.9 {16.5}
	-40	60.7 {17.3}	60.7 {17.3}	60.4 {17.2}	60.0 {17.1}	58.7 {16.7}	56.6 {16.1}
	-50	59.9 {17.0}	59.6 {16.9}	59.1 {16.8}	58.7 {16.7}	57.1 {16.2}	54.8 {15.6}

R448A ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度（℃）	制冷能力 (kW) {美国冷冻吨} R448A 冷凝温度（℃）					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	4.6 {1.3}	5.0 {1.4}	5.0 {1.4}	5.1 {1.4}	5.2 {1.5}	5.2 {1.5}
	5	5.0 {1.4}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.4 {1.5}	5.3 {1.5}
	0	5.1 {1.4}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}
	-5	5.4 {1.5}	5.5 {1.6}	5.5 {1.6}	5.5 {1.6}	5.5 {1.6}	5.4 {1.5}
	-10	5.3 {1.5}	5.4 {1.5}	5.4 {1.5}	5.4 {1.5}	5.4 {1.5}	5.3 {1.5}
	-20	5.4 {1.5}	5.4 {1.5}	5.4 {1.5}	5.4 {1.5}	5.3 {1.5}	5.2 {1.5}
	-30	5.3 {1.5}	5.4 {1.5}	5.3 {1.5}	5.3 {1.5}	5.2 {1.5}	5.0 {1.4}
	-40	5.2 {1.5}	5.2 {1.5}	5.2 {1.5}	5.1 {1.5}	5.0 {1.4}	4.8 {1.4}
	-50	5.0 {1.4}	5.0 {1.4}	4.9 {1.4}	4.8 {1.4}	4.7 {1.3}	4.5 {1.3}
VKV-18DS VKV-18DS168	10	9.3 {2.6}	9.9 {2.8}	10.0 {2.8}	10.1 {2.9}	10.4 {2.9}	10.4 {2.9}
	5	10.0 {2.9}	10.5 {3.0}	10.6 {3.0}	10.6 {3.0}	10.8 {3.1}	10.7 {3.0}
	0	10.1 {2.9}	10.5 {3.0}	10.6 {3.0}	10.6 {3.0}	10.7 {3.0}	10.6 {3.0}
	-5	10.7 {3.1}	11.0 {3.1}	11.0 {3.1}	11.0 {3.1}	11.0 {3.1}	10.8 {3.1}
	-10	10.6 {3.0}	10.8 {3.1}	10.8 {3.1}	10.8 {3.1}	10.7 {3.0}	10.5 {3.0}
	-20	10.7 {3.0}	10.9 {3.1}	10.8 {3.1}	10.8 {3.1}	10.6 {3.0}	10.3 {2.9}
	-30	10.6 {3.0}	10.7 {3.0}	10.6 {3.0}	10.6 {3.0}	10.3 {2.9}	10.0 {2.9}
	-40	10.4 {3.0}	10.4 {3.0}	10.3 {2.9}	10.2 {2.9}	9.9 {2.8}	9.6 {2.7}
	-50	10.0 {2.8}	9.9 {2.8}	9.8 {2.8}	9.7 {2.8}	9.3 {2.7}	9.0 {2.6}
VKV-25DS VKV-25DS169	10	16.7 {4.7}	17.9 {5.1}	18.0 {5.1}	18.2 {5.2}	18.6 {5.3}	18.6 {5.3}
	5	18.0 {5.1}	18.9 {5.4}	19.0 {5.4}	19.2 {5.4}	19.4 {5.5}	19.2 {5.5}
	0	18.2 {5.2}	19.0 {5.4}	19.0 {5.4}	19.1 {5.4}	19.2 {5.5}	19.0 {5.4}
	-5	19.3 {5.5}	19.9 {5.7}	19.8 {5.6}	19.9 {5.7}	19.8 {5.6}	19.5 {5.6}
	-10	19.0 {5.4}	19.5 {5.5}	19.4 {5.5}	19.4 {5.5}	19.3 {5.5}	19.0 {5.4}
	-20	19.3 {5.5}	19.5 {5.6}	19.4 {5.5}	19.4 {5.5}	19.1 {5.4}	18.6 {5.3}
	-30	19.2 {5.4}	19.3 {5.5}	19.1 {5.4}	19.0 {5.4}	18.6 {5.3}	18.1 {5.1}
	-40	18.8 {5.3}	18.8 {5.3}	18.5 {5.3}	18.4 {5.2}	17.9 {5.1}	17.3 {4.9}
	-50	18.0 {5.1}	17.9 {5.1}	17.6 {5.0}	17.5 {5.0}	16.8 {4.8}	16.2 {4.6}
VKV-30DS VKV-30DS170	10	22.2 {6.3}	23.8 {6.8}	24.0 {6.8}	24.3 {6.9}	24.8 {7.1}	24.8 {7.1}
	5	24.1 {6.8}	25.3 {7.2}	25.3 {7.2}	25.5 {7.3}	25.8 {7.3}	25.6 {7.3}
	0	24.3 {6.9}	25.3 {7.2}	25.3 {7.2}	25.5 {7.2}	25.6 {7.3}	25.3 {7.2}
	-5	25.8 {7.3}	26.5 {7.5}	26.4 {7.5}	26.5 {7.5}	26.4 {7.5}	26.0 {7.4}
	-10	25.3 {7.2}	26.0 {7.4}	25.9 {7.4}	25.9 {7.4}	25.7 {7.3}	25.3 {7.2}
	-20	25.7 {7.3}	26.0 {7.4}	25.9 {7.4}	25.8 {7.3}	25.4 {7.2}	24.8 {7.1}
	-30	25.5 {7.3}	25.7 {7.3}	25.4 {7.2}	25.3 {7.2}	24.8 {7.0}	24.1 {6.8}
	-40	25.0 {7.1}	25.0 {7.1}	24.7 {7.0}	24.6 {7.0}	23.9 {6.8}	23.1 {6.6}
	-50	24.0 {6.8}	23.8 {6.8}	23.5 {6.7}	23.3 {6.6}	22.4 {6.4}	21.5 {6.1}
VKV-32DS VKV-32DS171	10	25.9 {7.4}	27.8 {7.9}	28.0 {8.0}	28.4 {8.1}	29.0 {8.2}	29.0 {8.2}
	5	28.1 {8.0}	29.5 {8.4}	29.6 {8.4}	29.8 {8.5}	30.1 {8.6}	29.9 {8.5}
	0	28.3 {8.1}	29.5 {8.4}	29.5 {8.4}	29.7 {8.4}	29.9 {8.5}	29.6 {8.4}
	-5	30.1 {8.6}	30.9 {8.8}	30.9 {8.8}	30.9 {8.8}	30.8 {8.8}	30.4 {8.6}
	-10	29.6 {8.4}	30.3 {8.6}	30.2 {8.6}	30.2 {8.6}	30.0 {8.5}	29.5 {8.4}
	-20	30.0 {8.5}	30.4 {8.6}	30.2 {8.6}	30.1 {8.6}	29.7 {8.4}	29.0 {8.2}
	-30	29.8 {8.5}	30.0 {8.5}	29.7 {8.4}	29.5 {8.4}	28.9 {8.2}	28.1 {8.0}
	-40	29.2 {8.3}	29.2 {8.3}	28.8 {8.2}	28.7 {8.1}	27.8 {7.9}	26.9 {7.7}
	-50	28.0 {8.0}	27.8 {7.9}	27.4 {7.8}	27.1 {7.7}	26.2 {7.4}	25.1 {7.1}
VKV-40DS	10	41.7 {11.8}	44.7 {12.7}	45.0 {12.8}	45.6 {13.0}	46.6 {13.2}	46.6 {13.2}
	5	45.1 {12.8}	47.4 {13.5}	47.5 {13.5}	47.9 {13.6}	48.4 {13.8}	48.1 {13.7}
	0	45.5 {12.9}	47.4 {13.5}	47.5 {13.5}	47.7 {13.6}	48.0 {13.6}	47.5 {13.5}
	-5	48.4 {13.8}	49.7 {14.1}	49.6 {14.1}	49.7 {14.1}	49.5 {14.1}	48.8 {13.9}
	-10	47.5 {13.5}	48.7 {13.8}	48.5 {13.8}	48.6 {13.8}	48.2 {13.7}	47.4 {13.5}
	-20	48.2 {13.7}	48.8 {13.9}	48.5 {13.8}	48.4 {13.8}	47.7 {13.5}	46.6 {13.2}
	-30	47.9 {13.6}	48.2 {13.7}	47.7 {13.6}	47.5 {13.5}	46.4 {13.2}	45.1 {12.8}
	-40	47.0 {13.4}	46.9 {13.3}	46.4 {13.2}	46.0 {13.1}	44.7 {12.7}	43.3 {12.3}
	-50	45.0 {12.8}	44.7 {12.7}	44.0 {12.5}	43.6 {12.4}	42.0 {12.0}	40.4 {11.5}

R449A ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度（℃）	制冷能力 (kW) {美国冷冻吨} R449A 冷凝温度（℃）					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	4.6 {1.3}	4.8 {1.4}	4.9 {1.4}	5.0 {1.4}	5.1 {1.4}	5.1 {1.4}
	5	4.8 {1.4}	5.0 {1.4}	5.1 {1.4}	5.1 {1.5}	5.2 {1.5}	5.2 {1.5}
	0	5.0 {1.4}	5.1 {1.5}	5.2 {1.5}	5.2 {1.5}	5.2 {1.5}	5.2 {1.5}
	-5	5.1 {1.5}	5.2 {1.5}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.2 {1.5}
	-10	5.2 {1.5}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.2 {1.5}
	-20	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.3 {1.5}	5.2 {1.5}	5.1 {1.4}
	-30	5.2 {1.5}	5.2 {1.5}	5.2 {1.5}	5.2 {1.5}	5.1 {1.4}	4.9 {1.4}
	-40	5.1 {1.5}	5.1 {1.5}	5.1 {1.4}	5.0 {1.4}	4.9 {1.4}	4.7 {1.3}
	-50	5.0 {1.4}	4.9 {1.4}	4.9 {1.4}	4.8 {1.4}	4.7 {1.3}	4.5 {1.3}
VKV-18DS VKV-18DS168	10	9.1 {2.6}	9.6 {2.7}	9.8 {2.8}	10.0 {2.8}	10.1 {2.9}	10.2 {2.9}
	5	9.6 {2.7}	10.0 {2.8}	10.2 {2.9}	10.2 {2.9}	10.3 {2.9}	10.3 {2.9}
	0	10.0 {2.8}	10.3 {2.9}	10.4 {3.0}	10.4 {3.0}	10.5 {3.0}	10.4 {2.9}
	-5	10.2 {2.9}	10.5 {3.0}	10.5 {3.0}	10.6 {3.0}	10.5 {3.0}	10.4 {3.0}
	-10	10.4 {3.0}	10.6 {3.0}	10.6 {3.0}	10.6 {3.0}	10.5 {3.0}	10.3 {2.9}
	-20	10.5 {3.0}	10.6 {3.0}	10.6 {3.0}	10.6 {3.0}	10.4 {3.0}	10.2 {2.9}
	-30	10.5 {3.0}	10.5 {3.0}	10.4 {3.0}	10.4 {2.9}	10.2 {2.9}	9.8 {2.8}
	-40	10.3 {2.9}	10.2 {2.9}	10.1 {2.9}	10.0 {2.9}	9.8 {2.8}	9.4 {2.7}
	-50	10.0 {2.8}	9.8 {2.8}	9.7 {2.8}	9.6 {2.7}	9.3 {2.7}	8.9 {2.5}
VKV-25DS VKV-25DS169	10	16.4 {4.7}	17.3 {4.9}	17.7 {5.0}	17.9 {5.1}	18.3 {5.2}	18.3 {5.2}
	5	17.3 {4.9}	18.0 {5.1}	18.3 {5.2}	18.4 {5.2}	18.6 {5.3}	18.6 {5.3}
	0	17.9 {5.1}	18.5 {5.3}	18.7 {5.3}	18.8 {5.3}	18.9 {5.4}	18.7 {5.3}
	-5	18.4 {5.2}	18.8 {5.4}	19.0 {5.4}	19.0 {5.4}	19.0 {5.4}	18.7 {5.3}
	-10	18.7 {5.3}	19.0 {5.4}	19.1 {5.4}	19.1 {5.4}	19.0 {5.4}	18.6 {5.3}
	-20	19.0 {5.4}	19.1 {5.4}	19.1 {5.4}	19.0 {5.4}	18.8 {5.3}	18.3 {5.2}
	-30	18.9 {5.4}	18.9 {5.4}	18.8 {5.3}	18.7 {5.3}	18.3 {5.2}	17.7 {5.0}
	-40	18.5 {5.3}	18.4 {5.2}	18.2 {5.2}	18.1 {5.1}	17.6 {5.0}	16.9 {4.8}
	-50	17.9 {5.1}	17.7 {5.0}	17.5 {5.0}	17.4 {4.9}	16.8 {4.8}	16.1 {4.6}
VKV-30DS VKV-30DS170	10	21.9 {6.2}	23.1 {6.6}	23.6 {6.7}	23.9 {6.8}	24.3 {6.9}	24.4 {6.9}
	5	23.1 {6.6}	24.0 {6.8}	24.4 {6.9}	24.6 {7.0}	24.8 {7.1}	24.7 {7.0}
	0	23.9 {6.8}	24.7 {7.0}	24.9 {7.1}	25.0 {7.1}	25.1 {7.1}	24.9 {7.1}
	-5	24.5 {7.0}	25.1 {7.1}	25.3 {7.2}	25.3 {7.2}	25.3 {7.2}	24.9 {7.1}
	-10	24.9 {7.1}	25.4 {7.2}	25.5 {7.2}	25.5 {7.2}	25.3 {7.2}	24.8 {7.1}
	-20	25.3 {7.2}	25.5 {7.2}	25.4 {7.2}	25.4 {7.2}	25.0 {7.1}	24.4 {6.9}
	-30	25.1 {7.1}	25.1 {7.1}	25.0 {7.1}	24.9 {7.1}	24.4 {6.9}	23.6 {6.7}
	-40	24.6 {7.0}	24.5 {7.0}	24.3 {6.9}	24.1 {6.9}	23.5 {6.7}	22.6 {6.4}
	-50	23.9 {6.8}	23.6 {6.7}	23.4 {6.6}	23.1 {6.6}	22.4 {6.4}	21.4 {6.1}
VKV-32DS VKV-32DS171	10	25.5 {7.3}	27.0 {7.7}	27.6 {7.8}	27.9 {7.9}	28.4 {8.1}	28.5 {8.1}
	5	26.9 {7.6}	28.0 {8.0}	28.5 {8.1}	28.7 {8.2}	29.0 {8.2}	28.9 {8.2}
	0	27.9 {7.9}	28.8 {8.2}	29.1 {8.3}	29.2 {8.3}	29.3 {8.3}	29.0 {8.3}
	-5	28.6 {8.1}	29.3 {8.3}	29.5 {8.4}	29.6 {8.4}	29.5 {8.4}	29.1 {8.3}
	-10	29.1 {8.3}	29.6 {8.4}	29.7 {8.4}	29.7 {8.4}	29.5 {8.4}	29.0 {8.2}
	-20	29.5 {8.4}	29.7 {8.4}	29.7 {8.4}	29.6 {8.4}	29.2 {8.3}	28.4 {8.1}
	-30	29.3 {8.3}	29.3 {8.3}	29.2 {8.3}	29.0 {8.3}	28.4 {8.1}	27.5 {7.8}
	-40	28.7 {8.2}	28.6 {8.1}	28.3 {8.1}	28.1 {8.0}	27.4 {7.8}	26.4 {7.5}
	-50	27.9 {7.9}	27.6 {7.8}	27.3 {7.8}	27.0 {7.7}	26.1 {7.4}	25.0 {7.1}
VKV-40DS	10	41.0 {11.7}	43.3 {12.3}	44.3 {12.6}	44.8 {12.7}	45.7 {13.0}	45.8 {13.0}
	5	43.2 {12.3}	45.0 {12.8}	45.8 {13.0}	46.1 {13.1}	46.6 {13.2}	46.4 {13.2}
	0	44.8 {12.8}	46.2 {13.1}	46.7 {13.3}	47.0 {13.4}	47.1 {13.4}	46.7 {13.3}
	-5	46.0 {13.1}	47.1 {13.4}	47.4 {13.5}	47.5 {13.5}	47.4 {13.5}	46.8 {13.3}
	-10	46.8 {13.3}	47.5 {13.5}	47.7 {13.6}	47.8 {13.6}	47.4 {13.5}	46.6 {13.2}
	-20	47.4 {13.5}	47.8 {13.6}	47.7 {13.6}	47.6 {13.5}	46.9 {13.3}	45.7 {13.0}
	-30	47.1 {13.4}	47.1 {13.4}	46.9 {13.3}	46.6 {13.3}	45.7 {13.0}	44.2 {12.6}
	-40	46.2 {13.1}	45.9 {13.1}	45.5 {12.9}	45.2 {12.9}	44.0 {12.5}	42.4 {12.0}
	-50	44.8 {12.7}	44.3 {12.6}	43.8 {12.5}	43.4 {12.3}	42.0 {11.9}	40.2 {11.4}

R407H ＜VKV型＞

过冷度：0℃ / 过热度：0℃

型号	蒸发温度（℃）	制冷能力 (kW) {美国冷冻吨} R407H 冷凝温度（℃）					
		30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	5.4 {1.5}	5.7 {1.6}	5.9 {1.7}	6.0 {1.7}	6.1 {1.7}	6.2 {1.8}
	5	5.7 {1.6}	6.0 {1.7}	6.1 {1.7}	6.2 {1.8}	6.3 {1.8}	6.3 {1.8}
	0	5.9 {1.7}	6.1 {1.7}	6.2 {1.8}	6.3 {1.8}	6.4 {1.8}	6.4 {1.8}
	-5	6.1 {1.7}	6.3 {1.8}	6.3 {1.8}	6.4 {1.8}	6.4 {1.8}	6.4 {1.8}
	-10	6.2 {1.8}	6.3 {1.8}	6.4 {1.8}	6.4 {1.8}	6.5 {1.8}	6.4 {1.8}
	-20	6.3 {1.8}	6.4 {1.8}	6.4 {1.8}	6.5 {1.8}	6.4 {1.8}	6.4 {1.8}
	-30	6.3 {1.8}	6.4 {1.8}	6.4 {1.8}	6.4 {1.8}	6.3 {1.8}	6.2 {1.8}
	-40	6.2 {1.8}	6.2 {1.8}	6.2 {1.8}	6.2 {1.8}	6.2 {1.8}	6.0 {1.7}
	-50	6.1 {1.7}	6.1 {1.7}	6.1 {1.7}	6.0 {1.7}	6.0 {1.7}	5.8 {1.7}
VKV-18DS VKV-18DS168	10	10.8 {3.1}	11.5 {3.3}	11.8 {3.3}	12.0 {3.4}	12.3 {3.5}	12.5 {3.5}
	5	11.4 {3.2}	11.9 {3.4}	12.2 {3.5}	12.3 {3.5}	12.6 {3.6}	12.7 {3.6}
	0	11.8 {3.4}	12.3 {3.5}	12.5 {3.5}	12.6 {3.6}	12.8 {3.6}	12.8 {3.6}
	-5	12.1 {3.5}	12.5 {3.6}	12.7 {3.6}	12.8 {3.6}	12.9 {3.7}	12.9 {3.7}
	-10	12.4 {3.5}	12.7 {3.6}	12.8 {3.6}	12.9 {3.7}	12.9 {3.7}	12.9 {3.7}
	-20	12.6 {3.6}	12.8 {3.6}	12.9 {3.7}	12.9 {3.7}	12.9 {3.7}	12.7 {3.6}
	-30	12.6 {3.6}	12.7 {3.6}	12.8 {3.6}	12.8 {3.6}	12.7 {3.6}	12.5 {3.5}
	-40	12.4 {3.5}	12.5 {3.6}	12.5 {3.6}	12.5 {3.5}	12.3 {3.5}	12.1 {3.4}
	-50	12.1 {3.5}	12.2 {3.5}	12.1 {3.4}	12.1 {3.4}	11.9 {3.4}	11.6 {3.3}
VKV-25DS VKV-25DS169	10	19.4 {5.5}	20.6 {5.9}	21.2 {6.0}	21.5 {6.1}	22.1 {6.3}	22.5 {6.4}
	5	20.5 {5.8}	21.5 {6.1}	21.9 {6.2}	22.2 {6.3}	22.6 {6.4}	22.8 {6.5}
	0	21.3 {6.0}	22.1 {6.3}	22.4 {6.4}	22.6 {6.4}	23.0 {6.5}	23.0 {6.6}
	-5	21.8 {6.2}	22.5 {6.4}	22.8 {6.5}	23.0 {6.5}	23.2 {6.6}	23.2 {6.6}
	-10	22.3 {6.3}	22.8 {6.5}	23.0 {6.6}	23.2 {6.6}	23.3 {6.6}	23.2 {6.6}
	-20	22.7 {6.4}	23.0 {6.6}	23.2 {6.6}	23.2 {6.6}	23.2 {6.6}	22.9 {6.5}
	-30	22.7 {6.4}	22.9 {6.5}	23.0 {6.5}	23.0 {6.5}	22.8 {6.5}	22.5 {6.4}
	-40	22.4 {6.4}	22.5 {6.4}	22.5 {6.4}	22.4 {6.4}	22.2 {6.3}	21.8 {6.2}
	-50	21.8 {6.2}	21.9 {6.2}	21.8 {6.2}	21.8 {6.2}	21.4 {6.1}	20.9 {5.9}
VKV-30DS VKV-30DS170	10	25.9 {7.4}	27.5 {7.8}	28.3 {8.0}	28.7 {8.2}	29.5 {8.4}	29.9 {8.5}
	5	27.3 {7.8}	28.6 {8.1}	29.2 {8.3}	29.6 {8.4}	30.2 {8.6}	30.4 {8.7}
	0	28.3 {8.1}	29.4 {8.4}	29.9 {8.5}	30.2 {8.6}	30.6 {8.7}	30.7 {8.7}
	-5	29.1 {8.3}	30.0 {8.5}	30.4 {8.6}	30.6 {8.7}	30.9 {8.8}	30.9 {8.8}
	-10	29.7 {8.4}	30.4 {8.6}	30.7 {8.7}	30.9 {8.8}	31.0 {8.8}	30.9 {8.8}
	-20	30.2 {8.6}	30.7 {8.7}	30.9 {8.8}	31.0 {8.8}	30.9 {8.8}	30.6 {8.7}
	-30	30.2 {8.6}	30.5 {8.7}	30.6 {8.7}	30.6 {8.7}	30.4 {8.6}	29.9 {8.5}
	-40	29.8 {8.5}	30.0 {8.5}	30.0 {8.5}	29.9 {8.5}	29.6 {8.4}	29.0 {8.3}
	-50	29.1 {8.3}	29.2 {8.3}	29.1 {8.3}	29.0 {8.2}	28.6 {8.1}	27.9 {7.9}
VKV-32DS VKV-32DS171	10	30.2 {8.6}	32.1 {9.1}	33.0 {9.4}	33.5 {9.5}	34.4 {9.8}	34.9 {9.9}
	5	31.8 {9.1}	33.4 {9.5}	34.1 {9.7}	34.5 {9.8}	35.2 {10.0}	35.5 {10.1}
	0	33.1 {9.4}	34.3 {9.8}	34.9 {9.9}	35.2 {10.0}	35.7 {10.2}	35.9 {10.2}
	-5	34.0 {9.7}	35.0 {10.0}	35.5 {10.1}	35.7 {10.2}	36.1 {10.3}	36.0 {10.2}
	-10	34.6 {9.8}	35.5 {10.1}	35.8 {10.2}	36.0 {10.2}	36.2 {10.3}	36.1 {10.3}
	-20	35.3 {10.0}	35.8 {10.2}	36.0 {10.2}	36.1 {10.3}	36.1 {10.3}	35.7 {10.2}
	-30	35.3 {10.0}	35.6 {10.1}	35.7 {10.2}	35.7 {10.2}	35.5 {10.1}	34.9 {9.9}
	-40	34.8 {9.9}	35.0 {9.9}	35.0 {9.9}	34.9 {9.9}	34.5 {9.8}	33.9 {9.6}
	-50	34.0 {9.7}	34.0 {9.7}	34.0 {9.7}	33.8 {9.6}	33.3 {9.5}	32.5 {9.3}
VKV-40DS	10	48.5 {13.8}	51.6 {14.7}	53.0 {15.1}	53.8 {15.3}	55.3 {15.7}	56.1 {16.0}
	5	51.2 {14.5}	53.6 {15.3}	54.8 {15.6}	55.4 {15.8}	56.6 {16.1}	57.1 {16.2}
	0	53.1 {15.1}	55.2 {15.7}	56.1 {16.0}	56.6 {16.1}	57.4 {16.3}	57.6 {16.4}
	-5	54.6 {15.5}	56.3 {16.0}	57.0 {16.2}	57.4 {16.3}	58.0 {16.5}	57.9 {16.5}
	-10	55.7 {15.8}	57.0 {16.2}	57.6 {16.4}	57.9 {16.5}	58.2 {16.6}	57.9 {16.5}
	-20	56.7 {16.1}	57.6 {16.4}	57.9 {16.5}	58.1 {16.5}	58.0 {16.5}	57.4 {16.3}
	-30	56.7 {16.1}	57.3 {16.3}	57.4 {16.3}	57.4 {16.3}	57.0 {16.2}	56.1 {16.0}
	-40	55.9 {15.9}	56.2 {16.0}	56.2 {16.0}	56.1 {16.0}	55.5 {15.8}	54.4 {15.5}
	-50	54.6 {15.5}	54.7 {15.6}	54.6 {15.5}	54.4 {15.5}	53.6 {15.2}	52.3 {14.9}