

## 過冷却度による補正係数

通常二段圧縮装置の低段側高圧液冷媒や、ヒートエクスチェンジャー付属装置等で考えられる過冷却の度合いによる能力変化を表したものです。

大きな過冷却度のある装置については、能力表内の値に下表の係数を乗じた値が膨張弁の能力となります。

### R134a

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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

凝縮温度 (°C)	過冷却度 ΔT							
	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 / R134a < VKV形 >

過冷却度：0℃ / 過熱度：0℃

カタログ番号	蒸発温度 (°C)	冷凍能力 (kW)											
		R32						R134a					
		凝縮温度 (°C)											
		30	35	38	40	45	50	30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	7.4	8.1	8.4	8.6	9.0	9.3	3.4	3.7	3.9	4.0	4.2	4.3
	5	8.1	8.6	8.9	9.1	9.4	9.6	3.6	3.9	4.0	4.1	4.2	4.3
	0	8.6	9.1	9.3	9.4	9.7	9.8	3.8	4.0	4.1	4.2	4.3	4.4
	-5	9.0	9.4	9.6	9.7	9.9	10.0	3.9	4.1	4.2	4.2	4.3	4.4
	-10	9.4	9.7	9.9	10.0	10.1	10.2	4.0	4.2	4.2	4.3	4.3	4.3
	-20	9.8	10.1	10.2	10.3	10.4	10.4	4.1	4.2	4.2	4.2	4.3	4.2
	-30	10.1	10.3	10.4	10.5	10.5	10.5	4.0	4.1	4.1	4.1	4.1	4.1
	-40	10.2	10.4	10.5	10.5	10.5	10.4	3.9	4.0	4.0	4.0	4.0	3.9
	-50	10.2	10.3	10.4	10.4	10.4	10.3	3.8	3.8	3.8	3.8	3.8	3.7
VKV-18DS VKV-18DS168	10	14.8	16.2	16.8	17.2	18.0	18.5	6.8	7.5	7.8	7.9	8.3	8.6
	5	16.1	17.3	17.8	18.1	18.8	19.1	7.3	7.8	8.1	8.2	8.5	8.7
	0	17.2	18.1	18.6	18.9	19.4	19.7	7.6	8.1	8.3	8.4	8.6	8.7
	-5	18.0	18.9	19.3	19.5	19.9	20.1	7.9	8.2	8.4	8.5	8.6	8.7
	-10	18.7	19.4	19.8	20.0	20.3	20.4	8.0	8.3	8.4	8.5	8.6	8.7
	-20	19.7	20.2	20.5	20.6	20.8	20.8	8.1	8.3	8.4	8.5	8.5	8.5
	-30	20.2	20.6	20.8	20.9	21.0	20.9	8.1	8.2	8.3	8.3	8.3	8.2
	-40	20.4	20.8	20.9	21.0	21.0	20.8	7.9	8.0	8.0	8.0	7.9	7.8
	-50	20.4	20.7	20.8	20.8	20.8	20.6	7.6	7.7	7.7	7.6	7.6	7.4
VKV-25DS VKV-25DS169	10	26.7	29.1	30.3	31.0	32.4	33.3	12.3	13.4	14.0	14.3	15.0	15.4
	5	29.0	31.1	32.1	32.7	33.8	34.5	13.1	14.0	14.5	14.8	15.3	15.6
	0	30.9	32.7	33.5	34.0	34.9	35.4	13.7	14.5	14.9	15.1	15.5	15.7
	-5	32.5	33.9	34.7	35.1	35.8	36.2	14.2	14.8	15.1	15.2	15.6	15.7
	-10	33.7	35.0	35.6	35.9	36.5	36.7	14.4	15.0	15.2	15.3	15.6	15.6
	-20	35.4	36.4	36.8	37.1	37.4	37.4	14.7	15.0	15.2	15.2	15.3	15.3
	-30	36.4	37.2	37.5	37.6	37.8	37.7	14.5	14.8	14.9	14.9	14.9	14.7
	-40	36.8	37.4	37.6	37.7	37.8	37.5	14.2	14.4	14.4	14.4	14.3	14.1
	-50	36.8	37.3	37.4	37.5	37.4	37.1	13.7	13.8	13.8	13.8	13.6	13.3
VKV-30DS VKV-30DS170	10	35.6	38.8	40.4	41.4	43.2	44.4	16.4	17.9	18.6	19.1	19.9	20.5
	5	38.7	41.4	42.8	43.5	45.1	46.0	17.5	18.7	19.3	19.7	20.4	20.8
	0	41.3	43.6	44.7	45.3	46.5	47.2	18.3	19.3	19.8	20.1	20.6	20.9
	-5	43.3	45.3	46.2	46.8	47.8	48.2	18.9	19.7	20.1	20.3	20.7	20.9
	-10	44.9	46.6	47.4	47.9	48.7	49.0	19.2	19.9	20.3	20.4	20.7	20.8
	-20	47.2	48.5	49.1	49.4	49.9	49.9	19.5	20.0	20.2	20.3	20.4	20.4
	-30	48.5	49.5	50.0	50.2	50.4	50.2	19.4	19.7	19.8	19.9	19.9	19.7
	-40	49.1	49.9	50.2	50.3	50.4	50.0	19.0	19.1	19.2	19.2	19.1	18.8
	-50	49.0	49.7	49.9	50.0	49.9	49.4	18.3	18.4	18.4	18.4	18.1	17.7
VKV-32DS VKV-32DS171	10	41.5	45.3	47.2	48.3	50.4	51.8	19.1	20.9	21.7	22.2	23.3	24.0
	5	45.2	48.4	49.9	50.8	52.6	53.6	20.4	21.9	22.5	22.9	23.8	24.3
	0	48.1	50.8	52.1	52.9	54.3	55.1	21.4	22.5	23.1	23.4	24.1	24.4
	-5	50.5	52.8	53.9	54.6	55.7	56.2	22.0	23.0	23.5	23.7	24.2	24.4
	-10	52.4	54.4	55.4	55.9	56.8	57.1	22.5	23.3	23.6	23.8	24.2	24.3
	-20	55.1	56.6	57.3	57.7	58.2	58.2	22.8	23.4	23.6	23.7	23.8	23.8
	-30	56.6	57.8	58.3	58.6	58.8	58.6	22.6	23.0	23.1	23.2	23.2	22.9
	-40	57.2	58.2	58.6	58.7	58.8	58.4	22.1	22.3	22.4	22.4	22.2	21.9
	-50	57.2	58.0	58.2	58.3	58.2	57.6	21.4	21.5	21.5	21.4	21.2	20.7
VKV-40DS	10	66.7	72.8	75.8	77.6	81.0	83.3	30.7	33.5	34.9	35.7	37.4	38.5
	5	72.6	77.7	80.2	81.6	84.5	86.2	32.8	35.1	36.2	36.9	38.2	39.0
	0	77.3	81.7	83.8	85.0	87.3	88.5	34.3	36.2	37.1	37.7	38.7	39.2
	-5	81.2	84.9	86.7	87.7	89.5	90.4	35.4	37.0	37.7	38.1	38.9	39.2
	-10	84.2	87.4	89.0	89.8	91.3	91.8	36.1	37.4	38.0	38.3	38.9	39.1
	-20	88.5	91.0	92.1	92.7	93.6	93.6	36.6	37.5	37.9	38.1	38.3	38.2
	-30	91.0	92.9	93.7	94.1	94.6	94.2	36.4	37.0	37.2	37.2	37.2	36.9
	-40	92.0	93.5	94.1	94.4	94.5	93.8	35.5	35.9	36.0	36.0	35.7	35.2
	-50	91.9	93.1	93.6	93.7	93.6	92.6	34.3	34.5	34.5	34.4	34.0	33.3

## R404A / R410A < VKV形 >

過冷却度：0℃ / 過熱度：0℃

カタログ番号	蒸発温度 (℃)	冷凍能力 (kW)											
		R404A						R410A					
		凝縮温度 (℃)											
		30	35	38	40	45	50	30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	3.2	3.4	3.5	3.5	3.6	3.5	5.2	5.6	5.8	5.8	6.0	6.0
	5	3.4	3.6	3.6	3.6	3.6	3.5	5.6	5.9	6.1	6.1	6.2	6.2
	0	3.6	3.7	3.7	3.7	3.7	3.6	5.9	6.2	6.3	6.3	6.4	6.3
	-5	3.7	3.8	3.8	3.8	3.7	3.5	6.2	6.4	6.5	6.5	6.5	6.4
	-10	3.8	3.8	3.8	3.8	3.7	3.5	6.4	6.6	6.6	6.6	6.6	6.5
	-20	3.8	3.8	3.8	3.7	3.6	3.4	6.7	6.7	6.7	6.7	6.7	6.7
	-30	3.8	3.8	3.7	3.6	3.5	3.2	6.8	6.8	6.8	6.7	6.6	6.6
	-40	3.7	3.6	3.5	3.5	3.3	3.0	6.7	6.7	6.7	6.7	6.5	6.3
VKV-18DS VKV-18DS168	10	6.4	6.8	7.0	7.0	7.1	7.0	10.4	11.2	11.5	11.7	12.0	12.1
	5	6.9	7.2	7.3	7.3	7.3	7.1	11.2	11.8	12.1	12.2	12.4	12.4
	0	7.2	7.4	7.4	7.4	7.4	7.1	11.9	12.4	12.6	12.7	12.8	12.7
	-5	7.4	7.6	7.6	7.5	7.4	7.1	12.4	12.8	12.9	13.0	13.0	12.8
	-10	7.6	7.6	7.6	7.6	7.4	7.0	12.8	13.1	13.2	13.2	13.2	12.9
	-20	7.7	7.7	7.6	7.5	7.2	6.8	13.3	13.5	13.5	13.5	13.3	13.0
	-30	7.6	7.5	7.4	7.3	6.9	6.5	13.5	13.6	13.5	13.5	13.3	12.9
	-40	7.4	7.2	7.1	6.9	6.5	6.0	13.5	13.5	13.4	13.3	13.0	12.6
VKV-25DS VKV-25DS169	10	11.5	12.3	12.6	12.7	12.8	12.6	18.6	20.1	20.7	21.1	21.6	21.7
	5	12.3	12.9	13.1	13.1	13.1	12.7	20.2	21.3	21.8	22.0	22.4	22.3
	0	12.9	13.3	13.4	13.4	13.2	12.8	21.4	22.3	22.6	22.8	23.0	22.8
	-5	13.3	13.6	13.6	13.5	13.3	12.8	22.3	23.0	23.3	23.4	23.4	23.1
	-10	13.6	13.8	13.7	13.6	13.3	12.6	23.1	23.6	23.8	23.8	23.7	23.3
	-20	13.8	13.8	13.6	13.5	13.0	12.2	24.0	24.3	24.3	24.3	24.0	23.4
	-30	13.7	13.5	13.3	13.1	12.5	11.6	24.3	24.4	24.4	24.3	23.9	23.1
	-40	13.3	13.0	12.7	12.5	11.8	10.9	24.3	24.3	24.1	24.0	23.5	22.6
VKV-30DS VKV-30DS170	10	15.4	16.4	16.8	16.9	17.1	16.8	24.8	26.8	27.6	28.1	28.8	29.0
	5	16.5	17.2	17.4	17.5	17.4	17.0	26.9	28.4	29.1	29.4	29.9	29.8
	0	17.2	17.8	17.9	17.8	17.6	17.1	28.5	29.7	30.2	30.4	30.7	30.4
	-5	17.8	18.1	18.1	18.0	17.7	17.0	29.8	30.7	31.0	31.2	31.2	30.8
	-10	18.2	18.3	18.3	18.1	17.7	16.9	30.7	31.4	31.7	31.8	31.7	31.1
	-20	18.4	18.4	18.2	17.9	17.3	16.3	32.0	32.3	32.4	32.4	32.0	31.2
	-30	18.2	18.0	17.7	17.4	16.6	15.5	32.4	32.6	32.5	32.4	31.8	30.9
	-40	17.7	17.4	17.0	16.6	15.7	14.5	32.4	32.4	32.2	32.0	31.3	30.2
VKV-32DS VKV-32DS171	10	17.9	19.1	19.6	19.7	19.9	19.6	29.0	31.2	32.2	32.8	33.6	33.8
	5	19.2	20.1	20.3	20.4	20.3	19.8	31.4	33.1	33.9	34.3	34.8	34.7
	0	20.1	20.7	20.9	20.8	20.6	19.9	33.3	34.7	35.2	35.5	35.8	35.5
	-5	20.8	21.2	21.2	21.1	20.7	19.8	34.7	35.8	36.2	36.4	36.5	35.9
	-10	21.2	21.4	21.3	21.1	20.6	19.7	35.9	36.7	37.0	37.1	36.9	36.3
	-20	21.5	21.4	21.2	20.9	20.2	19.0	37.3	37.7	37.8	37.8	37.3	36.4
	-30	21.3	21.0	20.7	20.3	19.4	18.1	37.8	38.0	37.9	37.8	37.1	36.0
	-40	20.7	20.3	19.8	19.4	18.3	16.9	37.8	37.8	37.6	37.3	36.5	35.2
VKV-40DS	10	28.8	30.8	31.4	31.7	32.0	31.5	46.6	50.2	51.8	52.6	54.0	54.3
	5	30.8	32.3	32.7	32.7	32.7	31.9	50.5	53.3	54.5	55.1	56.0	55.8
	0	32.3	33.3	33.5	33.4	33.1	32.0	53.5	55.7	56.6	57.0	57.5	57.0
	-5	33.4	34.0	34.0	33.8	33.2	31.9	55.8	57.6	58.2	58.5	58.6	57.8
	-10	34.0	34.4	34.3	34.0	33.1	31.6	57.6	59.0	59.4	59.5	59.3	58.3
	-20	34.5	34.5	34.1	33.6	32.4	30.6	59.9	60.6	60.7	60.7	60.0	58.5
	-30	34.2	33.8	33.2	32.6	31.2	29.0	60.8	61.1	61.0	60.7	59.7	57.9
	-40	33.2	32.6	31.8	31.2	29.5	27.2	60.7	60.7	60.4	60.0	58.7	56.6
-50	31.8	31.0	30.1	29.4	27.5	25.0	59.9	59.6	59.1	58.7	57.1	54.8	

## R448A / R449A < VKV形 >

過冷却度：0℃ / 過熱度：0℃

カタログ番号	蒸発温度 (℃)	冷凍能力 (kW)												
		R448A						R449A						
		凝縮温度 (℃)												
		30	35	38	40	45	50	30	35	38	40	45	50	
VKV-14DS VKV-14DS167	10	4.6	5.0	5.0	5.1	5.2	5.2	4.6	4.8	4.9	5.0	5.1	5.1	
	5	5.0	5.3	5.3	5.3	5.4	5.3	4.8	5.0	5.1	5.1	5.2	5.2	
	0	5.1	5.3	5.3	5.3	5.3	5.3	5.0	5.1	5.2	5.2	5.2	5.2	
	-5	5.4	5.5	5.5	5.5	5.5	5.4	5.1	5.2	5.3	5.3	5.3	5.2	
	-10	5.3	5.4	5.4	5.4	5.4	5.3	5.2	5.3	5.3	5.3	5.3	5.2	
	-20	5.4	5.4	5.4	5.4	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.1
	-30	5.3	5.4	5.3	5.3	5.2	5.0	5.2	5.2	5.2	5.2	5.2	5.1	4.9
	-40	5.2	5.2	5.2	5.1	5.0	4.8	5.1	5.1	5.1	5.1	5.0	4.9	4.7
VKV-18DS VKV-18DS168	10	9.3	9.9	10.0	10.1	10.4	10.4	9.1	9.6	9.8	10.0	10.1	10.2	
	5	10.0	10.5	10.6	10.6	10.8	10.7	9.6	10.0	10.2	10.2	10.3	10.3	
	0	10.1	10.5	10.6	10.6	10.7	10.6	10.0	10.3	10.4	10.4	10.5	10.4	
	-5	10.7	11.0	11.0	11.0	11.0	10.8	10.2	10.5	10.5	10.6	10.5	10.4	
	-10	10.6	10.8	10.8	10.8	10.7	10.5	10.4	10.6	10.6	10.6	10.5	10.3	
	-20	10.7	10.9	10.8	10.8	10.6	10.3	10.5	10.6	10.6	10.6	10.4	10.2	
	-30	10.6	10.7	10.6	10.6	10.3	10.0	10.5	10.5	10.4	10.4	10.2	9.8	
	-40	10.4	10.4	10.3	10.2	9.9	9.6	10.3	10.2	10.1	10.0	9.8	9.4	
VKV-25DS VKV-25DS169	10	16.7	17.9	18.0	18.2	18.6	18.6	16.4	17.3	17.7	17.9	18.3	18.3	
	5	18.0	18.9	19.0	19.2	19.4	19.2	17.3	18.0	18.3	18.4	18.6	18.6	
	0	18.2	19.0	19.0	19.1	19.2	19.0	17.9	18.5	18.7	18.8	18.9	18.7	
	-5	19.3	19.9	19.8	19.9	19.8	19.5	18.4	18.8	19.0	19.0	19.0	18.7	
	-10	19.0	19.5	19.4	19.4	19.3	19.0	18.7	19.0	19.1	19.1	19.0	18.6	
	-20	19.3	19.5	19.4	19.4	19.1	18.6	19.0	19.1	19.1	19.0	18.8	18.3	
	-30	19.2	19.3	19.1	19.0	18.6	18.1	18.9	18.9	18.8	18.7	18.3	17.7	
	-40	18.8	18.8	18.5	18.4	17.9	17.3	18.5	18.4	18.2	18.1	17.6	16.9	
VKV-30DS VKV-30DS170	10	22.2	23.8	24.0	24.3	24.8	24.8	21.9	23.1	23.6	23.9	24.3	24.4	
	5	24.1	25.3	25.3	25.5	25.8	25.6	23.1	24.0	24.4	24.6	24.8	24.7	
	0	24.3	25.3	25.3	25.5	25.6	25.3	23.9	24.7	24.9	25.0	25.1	24.9	
	-5	25.8	26.5	26.4	26.5	26.4	26.0	24.5	25.1	25.3	25.3	25.3	24.9	
	-10	25.3	26.0	25.9	25.9	25.7	25.3	24.9	25.4	25.5	25.5	25.3	24.8	
	-20	25.7	26.0	25.9	25.8	25.4	24.8	25.3	25.5	25.4	25.4	25.0	24.4	
	-30	25.5	25.7	25.4	25.3	24.8	24.1	25.1	25.1	25.0	24.9	24.4	23.6	
	-40	25.0	25.0	24.7	24.6	23.9	23.1	24.6	24.5	24.3	24.1	23.5	22.6	
VKV-32DS VKV-32DS171	10	25.9	27.8	28.0	28.4	29.0	29.0	25.5	27.0	27.6	27.9	28.4	28.5	
	5	28.1	29.5	29.6	29.8	30.1	29.9	26.9	28.0	28.5	28.7	29.0	28.9	
	0	28.3	29.5	29.5	29.7	29.9	29.6	27.9	28.8	29.1	29.2	29.3	29.0	
	-5	30.1	30.9	30.9	30.9	30.8	30.4	28.6	29.3	29.5	29.6	29.5	29.1	
	-10	29.6	30.3	30.2	30.2	30.0	29.5	29.1	29.6	29.7	29.7	29.5	29.0	
	-20	30.0	30.4	30.2	30.1	29.7	29.0	29.5	29.7	29.7	29.6	29.2	28.4	
	-30	29.8	30.0	29.7	29.5	28.9	28.1	29.3	29.3	29.2	29.0	28.4	27.5	
	-40	29.2	29.2	28.8	28.7	27.8	26.9	28.7	28.6	28.3	28.1	27.4	26.4	
VKV-40DS	10	41.7	44.7	45.0	45.6	46.6	46.6	41.0	43.3	44.3	44.8	45.7	45.8	
	5	45.1	47.4	47.5	47.9	48.4	48.1	43.2	45.0	45.8	46.1	46.6	46.4	
	0	45.5	47.4	47.5	47.7	48.0	47.5	44.8	46.2	46.7	47.0	47.1	46.7	
	-5	48.4	49.7	49.6	49.7	49.5	48.8	46.0	47.1	47.4	47.5	47.4	46.8	
	-10	47.5	48.7	48.5	48.6	48.2	47.4	46.8	47.5	47.7	47.8	47.4	46.6	
	-20	48.2	48.8	48.5	48.4	47.7	46.6	47.4	47.8	47.7	47.6	46.9	45.7	
	-30	47.9	48.2	47.7	47.5	46.4	45.1	47.1	47.1	46.9	46.6	45.7	44.2	
	-40	47.0	46.9	46.4	46.0	44.7	43.3	46.2	45.9	45.5	45.2	44.0	42.4	
-50	45.0	44.7	44.0	43.6	42.0	40.4	44.8	44.3	43.8	43.4	42.0	40.2		

## R407H / R463A-J < VKV形 >

過冷却度：0℃ / 過熱度：0℃

カタログ番号	蒸発温度 (℃)	冷凍能力 (kW)											
		R407H						R463A-J					
		凝縮温度 (℃)											
		30	35	38	40	45	50	30	35	38	40	45	50
VKV-14DS VKV-14DS167	10	5.4	5.7	5.9	6.0	6.1	6.2	6.0	6.2	6.3	6.3	6.4	6.3
	5	5.7	6.0	6.1	6.2	6.3	6.3	6.3	6.4	6.5	6.5	6.5	6.4
	0	5.9	6.1	6.2	6.3	6.4	6.4	6.4	6.5	6.6	6.7	6.7	6.6
	-5	6.1	6.3	6.3	6.4	6.4	6.4	6.4	6.6	6.7	6.8	6.7	6.7
	-10	6.2	6.3	6.4	6.4	6.5	6.4	6.4	6.8	6.8	6.8	6.8	6.7
	-20	6.3	6.4	6.4	6.5	6.4	6.4	6.4	6.9	6.9	6.9	6.8	6.7
	-30	6.3	6.4	6.4	6.4	6.3	6.2	6.2	6.9	6.9	6.8	6.8	6.6
	-40	6.2	6.2	6.2	6.2	6.2	6.0	6.0	6.8	6.7	6.7	6.6	6.4
VKV-18DS VKV-18DS168	10	10.8	11.5	11.8	12.0	12.3	12.5	11.9	12.4	12.6	12.7	12.7	12.6
	5	11.4	11.9	12.2	12.3	12.6	12.7	12.5	12.9	13.0	13.0	13.0	12.8
	0	11.8	12.3	12.5	12.6	12.8	12.8	13.0	13.2	13.3	13.3	13.2	13.0
	-5	12.1	12.5	12.7	12.8	12.9	12.9	13.3	13.5	13.5	13.5	13.4	13.0
	-10	12.4	12.7	12.8	12.9	12.9	12.9	13.5	13.7	13.7	13.6	13.4	13.1
	-20	12.6	12.8	12.9	12.9	12.9	12.7	13.8	13.8	13.7	13.7	13.4	12.9
	-30	12.6	12.7	12.8	12.8	12.7	12.5	13.8	13.7	13.6	13.5	13.2	12.6
	-40	12.4	12.5	12.5	12.5	12.3	12.1	13.6	13.5	13.3	13.2	12.8	12.2
VKV-25DS VKV-25DS169	10	19.4	20.6	21.2	21.5	22.1	22.5	21.4	22.3	22.6	22.8	22.9	22.7
	5	20.5	21.5	21.9	22.2	22.6	22.8	22.5	23.2	23.4	23.5	23.5	23.1
	0	21.3	22.1	22.4	22.6	23.0	23.0	23.3	23.8	23.9	24.0	23.8	23.4
	-5	21.8	22.5	22.8	23.0	23.2	23.2	23.9	24.3	24.3	24.3	24.0	23.5
	-10	22.3	22.8	23.0	23.2	23.3	23.2	24.4	24.6	24.6	24.5	24.2	23.5
	-20	22.7	23.0	23.2	23.2	23.2	22.9	24.8	24.8	24.7	24.6	24.1	23.3
	-30	22.7	22.9	23.0	23.0	22.8	22.5	24.8	24.7	24.5	24.3	23.7	22.8
	-40	22.4	22.5	22.5	22.4	22.2	21.8	24.5	24.2	24.0	23.7	23.0	22.0
VKV-30DS VKV-30DS170	10	25.9	27.5	28.3	28.7	29.5	29.9	28.6	29.7	30.2	30.4	30.6	30.3
	5	27.3	28.6	29.2	29.6	30.2	30.4	30.0	30.9	31.2	31.3	31.3	30.8
	0	28.3	29.4	29.9	30.2	30.6	30.7	31.1	31.7	31.9	32.0	31.8	31.1
	-5	29.1	30.0	30.4	30.6	30.9	30.9	31.9	32.3	32.4	32.4	32.1	31.3
	-10	29.7	30.4	30.7	30.9	31.0	30.9	32.5	32.8	32.8	32.7	32.2	31.3
	-20	30.2	30.7	30.9	31.0	30.9	30.6	33.1	33.1	33.0	32.8	32.1	31.0
	-30	30.2	30.5	30.6	30.6	30.4	29.9	33.1	32.9	32.7	32.4	31.6	30.4
	-40	29.8	30.0	30.0	29.9	29.6	29.0	32.6	32.3	32.0	31.7	30.7	29.4
VKV-32DS VKV-32DS171	10	30.2	32.1	33.0	33.5	34.4	34.9	33.3	34.7	35.2	35.5	35.7	35.4
	5	31.8	33.4	34.1	34.5	35.2	35.5	35.0	36.0	36.4	36.5	36.5	36.0
	0	33.1	34.3	34.9	35.2	35.7	35.9	36.3	37.0	37.2	37.3	37.1	36.3
	-5	34.0	35.0	35.5	35.7	36.1	36.0	37.2	37.7	37.8	37.8	37.4	36.5
	-10	34.6	35.5	35.8	36.0	36.2	36.1	37.9	38.2	38.2	38.1	37.6	36.6
	-20	35.3	35.8	36.0	36.1	36.1	35.7	38.6	38.6	38.4	38.2	37.4	36.2
	-30	35.3	35.6	35.7	35.7	35.5	34.9	38.6	38.4	38.1	37.8	36.8	35.4
	-40	34.8	35.0	35.0	34.9	34.5	33.9	38.1	37.7	37.3	36.9	35.8	34.3
VKV-40DS	10	48.5	51.6	53.0	53.8	55.3	56.1	53.6	55.7	56.6	57.0	57.4	56.8
	5	51.2	53.6	54.8	55.4	56.6	57.1	56.3	57.9	58.5	58.7	58.7	57.8
	0	53.1	55.2	56.1	56.6	57.4	57.6	58.3	59.5	59.9	59.9	59.6	58.4
	-5	54.6	56.3	57.0	57.4	58.0	57.9	59.8	60.6	60.8	60.7	60.1	58.7
	-10	55.7	57.0	57.6	57.9	58.2	57.9	60.9	61.4	61.4	61.3	60.4	58.8
	-20	56.7	57.6	57.9	58.1	58.0	57.4	62.0	62.0	61.8	61.4	60.2	58.2
	-30	56.7	57.3	57.4	57.4	57.0	56.1	62.0	61.7	61.2	60.8	59.2	56.9
	-40	55.9	56.2	56.2	56.1	55.5	54.4	61.2	60.6	59.9	59.4	57.6	55.0
-50	54.6	54.7	54.6	54.4	53.6	52.3	59.8	58.9	58.2	57.5	55.5	52.8	