能力に影響する補正要素

高圧側液管の圧力損失

高圧側の圧力損失は冷凍能力の低下となります。凝縮器から膨張弁までに発生する圧力損失はフラッシュガスの発生につながり、
膨張弁の能力低下となりますので通常1 ～ 3℃程度の過冷却を考慮する必要があります。

低圧側配管の圧力損失補正係数

分配器や蒸発器内部の圧力損失は温度の不均衡や能力低下の原因となり、また内部均圧式膨張弁では静止過熱度の増加につながります。
分配器及び蒸発器中にて圧力損失が変化した場合の補正係数です。

R134a

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.987	0.973	0.960	0.946	0.932	0.917	0.903	0.888	0.873	0.858
-50	1.000	0.987	0.973	0.959	0.945	0.931	0.916	0.901	0.886	0.871	0.856
-40	1.000	0.986	0.972	0.958	0.944	0.929	0.914	0.899	0.884	0.868	0.852
-30	1.000	0.986	0.971	0.956	0.941	0.926	0.911	0.895	0.879	0.863	0.846
-20	1.000	0.985	0.969	0.954	0.938	0.922	0.905	0.888	0.871	0.854	0.836
-10	1.000	0.983	0.967	0.950	0.932	0.914	0.896	0.878	0.859	0.840	0.820
-5	1.000	0.982	0.965	0.946	0.928	0.909	0.890	0.870	0.850	0.829	0.808
0	1.000	0.981	0.962	0.942	0.922	0.902	0.881	0.860	0.838	0.815	0.792
5	1.000	0.979	0.958	0.937	0.915	0.892	0.869	0.845	0.821	0.796	0.770
10	1.000	0.977	0.953	0.929	0.904	0.879	0.852	0.825	0.797	0.768	0.738

R404A

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.993	0.985	0.978	0.970	0.962	0.955	0.947	0.939	0.931	0.923
-50	1.000	0.992	0.985	0.977	0.969	0.962	0.954	0.946	0.938	0.930	0.922
-40	1.000	0.992	0.984	0.976	0.968	0.960	0.952	0.944	0.936	0.928	0.919
-30	1.000	0.992	0.984	0.975	0.967	0.959	0.950	0.942	0.933	0.924	0.915
-20	1.000	0.991	0.983	0.974	0.965	0.956	0.947	0.937	0.928	0.919	0.909
-10	1.000	0.990	0.981	0.971	0.961	0.951	0.941	0.931	0.921	0.910	0.900
-5	1.000	0.990	0.980	0.969	0.959	0.948	0.937	0.926	0.915	0.904	0.893
0	1.000	0.989	0.978	0.967	0.955	0.944	0.932	0.920	0.908	0.896	0.884
5	1.000	0.988	0.976	0.963	0.951	0.938	0.925	0.912	0.899	0.885	0.872
10	1.000	0.986	0.973	0.959	0.945	0.930	0.916	0.901	0.886	0.870	0.855

R407C

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.992	0.985	0.977	0.969	0.961	0.953	0.945	0.937	0.929	0.921
-50	1.000	0.992	0.984	0.977	0.969	0.961	0.952	0.944	0.936	0.928	0.919
-40	1.000	0.992	0.984	0.976	0.968	0.960	0.951	0.943	0.935	0.926	0.917
-30	1.000	0.992	0.983	0.975	0.967	0.958	0.950	0.941	0.932	0.923	0.914
-20	1.000	0.991	0.983	0.974	0.965	0.956	0.947	0.938	0.929	0.919	0.910
-10	1.000	0.991	0.981	0.972	0.962	0.952	0.943	0.933	0.923	0.913	0.902
-5	1.000	0.990	0.980	0.970	0.960	0.950	0.940	0.929	0.919	0.908	0.897
0	1.000	0.990	0.979	0.968	0.958	0.947	0.936	0.925	0.913	0.902	0.890
5	1.000	0.989	0.977	0.966	0.954	0.942	0.931	0.918	0.906	0.894	0.881
10	1.000	0.988	0.975	0.963	0.950	0.937	0.924	0.910	0.897	0.883	0.869

R410A

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.994	0.989	0.983	0.977	0.972	0.966	0.960	0.954	0.949	0.943
-50	1.000	0.994	0.989	0.983	0.977	0.971	0.965	0.959	0.953	0.948	0.942
-40	1.000	0.994	0.988	0.982	0.976	0.970	0.964	0.958	0.952	0.946	0.940
-30	1.000	0.994	0.988	0.981	0.975	0.969	0.963	0.956	0.950	0.943	0.937
-20	1.000	0.993	0.987	0.980	0.973	0.967	0.960	0.953	0.946	0.939	0.932
-10	1.000	0.993	0.986	0.978	0.971	0.963	0.956	0.948	0.941	0.933	0.925
-5	1.000	0.992	0.985	0.977	0.969	0.961	0.953	0.945	0.937	0.929	0.920
0	1.000	0.992	0.983	0.975	0.966	0.958	0.949	0.940	0.932	0.923	0.914
5	1.000	0.991	0.982	0.972	0.963	0.954	0.944	0.934	0.925	0.915	0.905
10	1.000	0.990	0.979	0.969	0.958	0.948	0.937	0.926	0.915	0.904	0.892

R448A

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.993	0.986	0.978	0.971	0.964	0.956	0.949	0.941	0.934	0.926
-50	1.000	0.993	0.985	0.978	0.971	0.963	0.956	0.948	0.941	0.933	0.925
-40	1.000	0.993	0.985	0.978	0.970	0.962	0.955	0.947	0.939	0.931	0.923
-30	1.000	0.992	0.985	0.977	0.969	0.961	0.953	0.945	0.937	0.928	0.920
-20	1.000	0.992	0.984	0.975	0.967	0.959	0.950	0.942	0.933	0.924	0.916
-10	1.000	0.991	0.982	0.973	0.964	0.955	0.946	0.937	0.927	0.918	0.908
-5	1.000	0.991	0.981	0.972	0.962	0.953	0.943	0.933	0.923	0.913	0.903
0	1.000	0.990	0.980	0.970	0.960	0.950	0.939	0.929	0.918	0.908	0.897
5	1.000	0.989	0.979	0.968	0.957	0.946	0.934	0.923	0.911	0.900	0.888
10	1.000	0.988	0.976	0.965	0.952	0.940	0.928	0.915	0.902	0.889	0.876

R449A

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.993	0.986	0.978	0.971	0.963	0.956	0.948	0.941	0.933	0.925
-50	1.000	0.993	0.985	0.978	0.970	0.963	0.955	0.948	0.940	0.932	0.924
-40	1.000	0.992	0.985	0.977	0.970	0.962	0.954	0.946	0.938	0.930	0.922
-30	1.000	0.992	0.984	0.976	0.969	0.960	0.952	0.944	0.936	0.928	0.919
-20	1.000	0.992	0.984	0.975	0.967	0.958	0.950	0.941	0.932	0.923	0.915
-10	1.000	0.991	0.982	0.973	0.964	0.955	0.945	0.936	0.927	0.917	0.907
-5	1.000	0.991	0.981	0.972	0.962	0.952	0.942	0.933	0.922	0.912	0.902
0	1.000	0.990	0.980	0.970	0.960	0.949	0.939	0.928	0.917	0.906	0.895
5	1.000	0.989	0.978	0.967	0.956	0.945	0.934	0.922	0.910	0.899	0.887
10	1.000	0.988	0.976	0.964	0.952	0.939	0.927	0.914	0.901	0.888	0.875

R407H

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.993	0.985	0.978	0.970	0.963	0.955	0.947	0.939	0.932	0.924
-50	1.000	0.993	0.985	0.977	0.970	0.962	0.954	0.946	0.939	0.931	0.923
-40	1.000	0.992	0.985	0.977	0.969	0.961	0.953	0.945	0.937	0.929	0.921
-30	1.000	0.992	0.984	0.976	0.968	0.960	0.952	0.943	0.935	0.926	0.918
-20	1.000	0.992	0.983	0.975	0.966	0.958	0.949	0.940	0.931	0.922	0.913
-10	1.000	0.991	0.982	0.973	0.964	0.954	0.945	0.935	0.926	0.916	0.906
-5	1.000	0.991	0.981	0.971	0.962	0.952	0.942	0.932	0.922	0.912	0.901
0	1.000	0.990	0.980	0.970	0.959	0.949	0.938	0.928	0.917	0.906	0.895
5	1.000	0.989	0.978	0.967	0.956	0.945	0.933	0.922	0.910	0.898	0.886
10	1.000	0.988	0.976	0.964	0.952	0.939	0.927	0.914	0.901	0.888	0.874

R463A-J

	圧力損失 (MPa)										
蒸発温度 (℃)	0	0.025	0.05	0.075	0.1	0.125	0.15	0.175	0.2	0.225	0.25
-60	1.000	0.995	0.990	0.984	0.979	0.974	0.969	0.963	0.958	0.953	0.947
-50	1.000	0.995	0.990	0.984	0.979	0.974	0.968	0.963	0.957	0.952	0.946
-40	1.000	0.995	0.989	0.984	0.978	0.973	0.967	0.962	0.956	0.951	0.945
-30	1.000	0.994	0.989	0.983	0.978	0.972	0.966	0.960	0.955	0.949	0.943
-20	1.000	0.994	0.988	0.982	0.976	0.970	0.964	0.958	0.952	0.946	0.940
-10	1.000	0.994	0.987	0.981	0.975	0.968	0.962	0.955	0.948	0.942	0.935
-5	1.000	0.993	0.987	0.980	0.973	0.966	0.960	0.953	0.946	0.939	0.932
0	1.000	0.993	0.986	0.979	0.972	0.964	0.957	0.950	0.942	0.935	0.927
5	1.000	0.992	0.985	0.977	0.970	0.962	0.954	0.946	0.938	0.930	0.922
10	1.000	0.992	0.984	0.975	0.967	0.958	0.950	0.941	0.932	0.923	0.915

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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

	過冷却度⊿T							
凝縮温度	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

ATX 能力表

R410A
封入方式：C<-20～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BVC 34006DVC	10	3.46	3.67	3.76	3.79	3.83	3.77
		5	3.65	3.80	3.85	3.87	3.87	3.78
		0	3.67	3.77	3.80	3.80	3.77	3.66
		-5	3.67	3.74	3.75	3.74	3.69	3.57
		-10	3.08	3.12	3.11	3.10	3.05	2.93
		-20	2.31	2.31	2.30	2.29	2.23	2.13
	34013BVC 34013DVC	10	7.30	7.75	7.93	8.01	8.08	7.96
		5	7.71	8.03	8.14	8.18	8.18	7.99
		0	7.75	7.96	8.03	8.04	7.97	7.74
		-5	7.76	7.90	7.93	7.92	7.81	7.54
		-10	6.53	6.60	6.59	6.57	6.45	6.21
		-20	4.91	4.91	4.88	4.85	4.73	4.52
	34023BVC 34023DVC	10	12.5	13.3	13.6	13.8	13.9	13.7
		5	13.2	13.8	14.0	14.1	14.1	13.7
		0	13.3	13.7	13.8	13.8	13.7	13.3
		-5	13.4	13.6	13.6	13.6	13.4	13.0
		-10	11.3	11.4	11.4	11.3	11.1	10.7
		-20	8.51	8.51	8.46	8.41	8.19	7.84
	34035BVC 34035DVC	10	19.1	20.2	20.7	20.9	21.1	20.8
		5	20.1	21.0	21.3	21.4	21.4	20.9
		0	20.3	20.8	21.0	21.0	20.9	20.3
		-5	20.3	20.7	20.8	20.7	20.4	19.8
		-10	17.2	17.3	17.3	17.3	17.0	16.3
		-20	13.0	13.0	12.9	12.8	12.5	11.9
	34045BVC 34045DVC	10	24.5	26.0	26.6	26.9	27.1	26.7
		5	25.9	26.9	27.3	27.5	27.4	26.8
		0	26.0	26.8	27.0	27.0	26.8	26.0
		-5	26.1	26.6	26.7	26.6	26.3	25.4
		-10	22.0	22.3	22.3	22.2	21.8	20.9
		-20	16.6	16.6	16.5	16.4	16.0	15.3
	57060DVC	10	33.7	35.8	36.6	36.9	37.3	36.7
		5	35.6	37.1	37.6	37.8	37.7	36.9
		0	35.8	36.8	37.1	37.1	36.8	35.8
		-5	35.9	36.5	36.7	36.6	36.1	34.9
		-10	30.3	30.6	30.6	30.5	29.9	28.8
		-20	22.9	22.9	22.8	22.6	22.1	21.1
	57080DVC	10	45.1	47.9	49.0	49.5	50.0	49.2
		5	47.6	49.6	50.3	50.6	50.6	49.4
		0	47.9	49.3	49.6	49.7	49.3	47.9
		-5	48.0	48.9	49.1	49.0	48.3	46.7
		-10	40.5	40.9	40.9	40.7	40.0	38.5
		-20	30.5	30.5	30.3	30.1	29.3	28.1
	71110DVC	10	61.9	65.7	67.2	67.9	68.5	67.5
		5	65.3	68.0	69.0	69.3	69.3	67.7
		0	65.6	67.4	67.9	68.0	67.5	65.5
		-5	65.6	66.8	67.0	66.9	66.0	63.8
		-10	55.0	55.5	55.5	55.3	54.3	52.3
		-20	41.1	41.1	40.9	40.6	39.6	37.9
	71140DVC	10	78.4	83.3	85.2	86.0	86.9	85.5
		5	82.8	86.2	87.4	87.9	87.8	85.8
		0	83.2	85.5	86.1	86.2	85.6	83.1
		-5	83.3	84.8	85.0	84.9	83.7	80.9
		-10	69.9	70.6	70.6	70.3	69.0	66.4
		-20	52.4	52.4	52.1	51.7	50.4	48.3
	71160DVC	10	90.3	95.9	98.1	99.0	100	98.4
		5	95.3	99.2	101	101	101	98.7
		0	95.7	98.3	99.1	99.2	98.5	95.6
		-5	95.8	97.5	97.8	97.7	96.4	93.1
		-10	80.3	81.2	81.1	80.9	79.4	76.4
		-20	60.2	60.2	59.9	59.5	58.0	55.4
	12220DVC	10	124	132	135	137	138	136
		5	131	137	139	139	139	136
		0	132	136	137	137	136	132
		-5	132	134	135	135	133	128
		-10	110	112	112	111	109	105
		-20	82.5	82.5	82.1	81.5	79.5	76.0
	12270DVC	10	152	162	165	167	169	166
		5	161	167	170	171	170	167
		0	161	166	167	167	166	161
		-5	161	164	165	165	162	157
		-10	135	137	136	136	133	128
		-20	101	101	100	99.7	97.2	93.0
	12330DVC	10	185	196	201	203	205	201
		5	195	203	206	207	207	202
		0	196	201	203	203	201	196
		-5	196	199	200	200	197	190
		-10	164	166	166	165	162	156
		-20	123	123	122	121	118	113
	12420DVC	10	234	249	254	257	259	255
		5	247	257	261	262	262	256
		0	248	255	257	257	255	248
		-5	248	253	253	253	250	241
		-10	208	210	210	209	205	197
		-20	155	155	154	153	149	143
	12500DVC	10	282	299	306	309	312	307
		5	297	309	314	315	315	308
		0	298	306	309	309	307	298
		-5	298	304	305	304	300	290
		-10	250	252	252	251	247	238
		-20	187	187	186	184	180	172

R410A
封入方式：CL<-40～-10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BVCL 34006DVCL	-10	3.08	3.12	3.11	3.10	3.05	2.93
		-20	2.31	2.31	2.30	2.29	2.23	2.13
		-30	2.01	1.99	1.98	1.96	1.90	–
		-40	1.60	1.59	1.57	1.55	1.50	–
	34013BVCL 34013DVCL	-10	6.53	6.60	6.59	6.57	6.45	6.21
		-20	4.91	4.91	4.88	4.85	4.73	4.52
		-30	4.26	4.23	4.19	4.16	4.03	–
		-40	3.40	3.37	3.33	3.30	3.19	–
	34023BVCL 34023DVCL	-10	11.3	11.4	11.4	11.3	11.1	10.7
		-20	8.51	8.51	8.46	8.41	8.19	7.84
		-30	7.39	7.35	7.28	7.22	7.00	–
		-40	5.92	5.86	5.80	5.74	5.55	–
	34035BVCL 34035DVCL	-10	17.2	17.3	17.3	17.3	17.0	16.3
		-20	13.0	13.0	12.9	12.8	12.5	11.9
		-30	11.3	11.2	11.1	11.0	10.7	–
		-40	9.02	8.93	8.83	8.74	8.45	–
	34045BVCL 34045DVCL	-10	22.0	22.3	22.3	22.2	21.8	20.9
		-20	16.6	16.6	16.5	16.4	16.0	15.3
		-30	14.4	14.4	14.2	14.1	13.7	–
		-40	11.6	11.5	11.3	11.2	10.8	–
	57060DVCL	-10	30.3	30.6	30.6	30.5	29.9	28.8
		-20	22.9	22.9	22.8	22.6	22.1	21.1
		-30	19.9	19.8	19.6	19.4	18.8	–
		-40	15.9	15.8	15.6	15.5	14.9	–
	57080DVCL	-10	40.5	40.9	40.9	40.7	40.0	38.5
		-20	30.5	30.5	30.3	30.1	29.3	28.1
		-30	26.4	26.3	26.1	25.8	25.1	–
		-40	21.2	20.9	20.7	20.5	19.8	–
	71110DVCL	-10	55.0	55.5	55.5	55.3	54.3	52.3
		-20	41.1	41.1	40.9	40.6	39.6	37.9
		-30	35.6	35.4	35.0	34.7	33.7	–
		-40	28.4	28.1	27.8	27.5	26.6	–
	71140DVCL	-10	69.9	70.6	70.6	70.3	69.0	66.4
		-20	52.4	52.4	52.1	51.7	50.4	48.3
		-30	45.4	45.1	44.7	44.3	43.0	–
		-40	36.3	35.9	35.5	35.1	34.0	–
	71160DVCL	-10	80.3	81.2	81.1	80.9	79.4	76.4
		-20	60.2	60.2	59.9	59.5	58.0	55.4
		-30	52.1	51.8	51.4	50.9	49.4	–
		-40	41.6	41.2	40.8	40.3	39.0	–
	12220DVCL	-10	110	112	112	111	109	105
		-20	82.5	82.5	82.1	81.5	79.5	76.0
		-30	71.4	71.0	70.4	69.7	67.7	–
		-40	57.0	56.4	55.8	55.2	53.4	–
	12270DVCL	-10	135	137	136	136	133	128
		-20	101	101	100	99.7	97.2	93.0
		-30	87.4	86.8	86.1	85.3	82.8	–
		-40	69.7	69.0	68.2	67.5	65.3	–
	12330DVCL	-10	164	166	166	165	162	156
		-20	123	123	122	121	118	113
		-30	106	105	105	104	101	–
		-40	84.6	83.7	82.8	82.0	79.3	–
	12420DVCL	-10	208	210	210	209	205	197
		-20	155	155	154	153	149	143
		-30	134	134	132	131	127	–
		-40	107	106	105	104	100	–
	12500DVCL	-10	250	252	252	251	247	238
		-20	187	187	186	184	180	172
		-30	162	161	159	158	153	–
		-40	129	128	126	125	121	–

R134a
封入方式：S <-30～10℃> 過熱度変化4～5℃

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BMS 34006DMS	10	2.34	2.49	2.58	2.61	2.73	2.79
		5	2.33	2.40	2.46	2.48	2.55	2.62
		0	2.21	2.29	2.35	2.37	2.41	2.43
		-5	2.07	2.13	2.19	2.20	2.21	2.22
		-10	1.86	1.93	1.97	1.98	2.00	1.98
		-20	1.44	1.50	1.51	1.51	1.51	1.49
		-30	1.36	1.38	1.40	1.40	1.40	1.37
	34013BMS 34013DMS	10	5.33	5.79	6.00	6.11	6.34	6.43
		5	5.06	5.47	5.63	5.69	5.85	5.93
		0	4.66	4.90	5.01	5.05	5.16	5.21
		-5	4.22	4.37	4.45	4.49	4.54	4.59
		-10	3.88	3.97	4.02	4.05	4.07	4.07
		-20	3.22	3.24	3.28	3.27	3.28	3.27
		-30	2.59	2.80	2.93	2.93	2.93	2.90
	34023BMS 34023DMS	10	9.29	10.1	10.4	10.6	11.0	11.3
		5	9.01	9.58	9.85	9.98	10.2	10.3
		0	8.32	8.67	8.92	9.00	9.19	9.26
		-5	7.57	7.85	7.99	8.05	8.13	8.18
		-10	6.72	6.92	7.01	7.05	7.11	7.09
		-20	5.84	5.95	6.00	6.02	6.02	5.95
		-30	5.34	5.41	5.45	5.44	5.44	5.37
	34035BMS 34035DMS	10	14.3	15.5	16.0	16.3	16.9	17.4
		5	13.5	14.3	14.8	14.9	15.4	15.6
		0	12.7	13.3	13.6	13.7	14.0	14.1
		-5	11.9	12.3	12.6	12.7	12.8	12.8
		-10	10.6	10.9	11.0	11.1	11.2	11.2
		-20	9.22	9.42	9.49	9.51	9.54	9.47
		-30	8.06	8.15	8.20	8.19	8.19	8.08
	34045BMS 34045DMS	10	18.5	19.8	20.6	20.8	21.6	22.3
		5	17.3	18.3	19.0	19.2	19.8	20.0
		0	16.2	17.0	17.4	17.4	17.8	18.0
		-5	15.2	15.7	16.2	16.2	16.4	16.4
		-10	13.6	14.0	14.2	14.1	14.3	14.3
		-20	11.9	12.1	12.2	12.2	12.2	12.2
		-30	10.8	10.9	10.9	11.0	11.0	10.9
	57060DMS	10	24.5	26.5	27.6	27.9	29.1	29.8
		5	23.1	24.4	25.4	25.6	26.3	26.7
		0	22.0	22.9	23.6	23.7	24.2	24.4
		-5	20.5	21.2	21.5	21.6	21.9	22.0
		-10	18.8	19.3	19.7	19.8	20.0	19.9
		-20	15.6	15.8	15.9	15.9	16.0	15.8
		-30	14.2	14.3	14.4	14.4	14.4	14.2
	57080DMS	10	32.3	34.9	36.3	36.9	38.4	39.3
		5	30.9	32.7	33.7	34.2	35.1	35.6
		0	29.0	30.5	31.2	31.5	32.0	32.2
		-5	27.0	28.1	28.6	28.8	29.2	29.2
		-10	24.5	25.4	25.7	25.7	25.8	25.9
		-20	20.7	21.1	21.3	21.3	21.3	21.2
		-30	18.8	19.0	19.1	19.2	19.1	18.8
	71110DMS	10	43.5	47.1	48.8	49.7	51.6	52.8
		5	42.4	45.0	46.4	47.0	48.4	49.6
		0	40.2	42.0	43.0	43.4	44.3	44.7
		-5	37.1	38.5	39.2	39.5	39.9	40.0
		-10	33.8	34.8	35.2	35.5	35.7	35.6
		-20	27.8	28.1	28.6	28.7	28.7	28.6
		-30	25.6	25.9	26.1	26.2	26.1	25.7
	71140DMS	10	55.4	59.9	62.1	63.3	65.7	67.1
		5	54.1	57.3	59.1	59.8	61.4	61.6
		0	51.3	53.7	54.9	55.5	56.5	57.0
		-5	47.3	49.0	49.8	50.0	50.6	50.9
		-10	42.6	43.8	44.4	44.5	45.0	44.9
		-20	35.9	37.1	37.4	37.4	37.3	37.2
		-30	31.6	32.0	32.2	32.3	32.1	31.7
	71160DMS	10	63.8	69.2	71.8	72.9	75.0	76.2
		5	61.6	65.6	67.5	68.4	69.2	69.8
		0	58.4	61.3	62.6	63.3	64.4	64.7
		-5	53.6	55.7	56.6	57.1	57.7	58.6
		-10	48.5	50.2	50.9	51.2	51.6	51.4
		-20	41.3	42.1	42.6	42.6	42.7	42.1
		-30	36.2	36.5	36.8	36.9	36.8	36.3
	12220DMS	10	90.8	98.4	102	104	108	110
		5	84.8	90.0	92.8	94.0	96.5	97.9
		0	79.4	83.5	85.2	86.2	87.9	88.5
		-5	73.9	76.8	78.0	78.7	79.4	79.8
		-10	67.1	69.1	69.9	70.4	70.9	70.8
		-20	55.8	57.6	58.2	59.5	58.3	57.1
		-30	51.1	51.8	52.1	52.1	51.0	51.3

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12270DMS	10	109	117	122	124	129	133
		5	104	111	114	115	119	120
		0	97.8	102	105	106	108	109
		-5	90.5	94.0	95.6	96.3	97.3	97.8
		-10	81.8	84.7	85.7	86.3	87.0	86.8
		-20	68.5	69.9	70.5	70.6	70.8	70.1
		-30	62.6	63.3	63.7	63.8	63.6	62.8
	12330DMS	10	134	143	149	151	158	162
		5	128	135	140	141	144	147
		0	120	126	128	129	131	133
		-5	111	115	117	119	120	120
		-10	100	103	105	105	106	106
		-20	84.0	85.6	86.3	86.5	86.6	85.9
		-30	76.6	77.6	78.0	78.2	77.9	76.9
	12420DMS	10	172	185	193	195	204	213
		5	162	172	177	179	184	187
		0	152	159	163	164	167	170
		-5	140	145	149	150	151	151
		-10	128	131	134	134	135	135
		-20	106	109	110	110	110	110
		-30	95.0	96.2	96.9	97.0	96.6	95.4
	12500DMS	10	202	219	228	230	241	245
		5	192	205	211	213	219	223
		0	183	190	194	195	200	202
		-5	170	176	179	180	181	183
		-10	157	160	163	164	164	165
		-20	129	131	133	133	133	133
		-30	113	114	115	115	115	114

R404A
封入方式：S <-40～10℃> 過熱度変化4～5℃

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BUS 34006DUS	10	2.35	2.44	2.47	2.47	2.41	2.31
		5	2.41	2.45	2.46	2.44	2.37	2.24
		0	2.22	2.21	2.20	2.17	2.08	1.95
		-5	2.06	2.04	2.01	1.97	1.88	1.75
		-10	1.88	1.84	1.81	1.77	1.67	1.53
		-20	1.56	1.53	1.50	1.45	1.36	1.21
		-30	1.25	1.20	1.16	1.12	1.04	–
		-40	0.94	0.90	0.87	0.83	0.76	–
	34013BUS 34013DUS	10	5.08	5.31	5.36	5.35	5.23	4.97
		5	5.16	5.26	5.27	5.23	5.05	4.75
		0	4.87	4.89	4.86	4.81	4.59	4.28
		-5	4.40	4.38	4.33	4.26	4.05	3.74
		-10	4.18	4.12	4.05	3.97	3.74	3.42
		-20	3.61	3.51	3.42	3.34	3.11	2.80
		-30	3.10	2.99	2.90	2.82	2.59	–
		-40	2.59	2.45	2.37	2.30	2.08	–
	34023BUS 34023DUS	10	9.32	9.71	9.80	9.79	9.57	9.07
		5	9.32	9.48	9.49	9.42	9.11	8.56
		0	8.57	8.60	8.54	8.44	8.08	7.55
		-5	8.16	8.08	7.97	7.86	7.46	6.90
		-10	7.23	7.10	6.98	6.85	6.46	5.95
		-20	6.25	6.07	5.92	5.78	5.38	4.88
		-30	5.13	4.92	4.78	4.65	4.27	–
		-40	4.00	3.81	3.68	3.56	3.25	–
	34035BUS 34035DUS	10	13.6	14.0	14.2	14.1	13.8	13.2
		5	13.8	14.0	14.1	13.8	13.4	12.6
		0	12.9	13.0	12.9	12.7	12.1	11.3
		-5	11.7	11.6	11.5	11.2	10.7	9.03
		-10	10.8	10.6	10.4	10.2	9.67	8.87
		-20	9.14	8.88	8.65	8.46	7.87	7.14
		-30	7.69	7.41	7.19	6.99	6.44	–
		-40	6.01	5.73	5.53	5.36	4.88	–
	34045BUS 34045DUS	10	17.4	18.0	18.2	18.1	17.8	16.9
		5	17.7	18.0	17.9	17.9	17.2	16.3
		0	16.6	16.5	16.5	16.3	15.6	14.5
		-5	15.0	14.9	14.8	14.5	13.8	12.7
		-10	13.8	13.6	13.4	13.1	12.4	11.4
		-20	11.7	11.3	11.1	10.8	10.1	9.18
		-30	9.88	9.52	9.23	8.98	8.27	–
		-40	7.72	7.37	7.10	6.89	6.27	–
	57060DUS	10	23.0	23.9	24.2	24.1	23.6	22.4
		5	23.4	24.0	23.9	23.9	23.1	21.5
		0	22.2	22.2	22.1	21.8	20.9	19.5
		-5	20.5	20.4	20.1	19.7	18.8	17.4
		-10	19.2	18.9	18.6	18.2	17.2	15.8
		-20	16.3	15.9	15.5	15.1	14.0	12.7
		-30	13.8	13.3	12.9	12.5	11.5	–
		-40	11.5	11.0	10.7	10.3	9.42	–
	57080DUS	10	30.9	32.1	32.5	32.4	31.7	30.1
		5	31.7	32.0	32.0	31.7	30.7	28.9
		0	29.9	29.9	29.8	29.4	28.2	26.3
		-5	27.3	27.1	26.8	26.3	25.0	23.2
		-10	25.7	25.4	24.9	24.5	23.1	21.1
		-20	21.8	21.2	20.7	20.1	18.8	17.0
		-30	18.5	17.8	17.3	16.8	15.4	–
		-40	15.4	14.8	14.3	13.8	12.5	–
	71110DUS	10	43.4	45.3	45.7	45.6	44.6	42.3
		5	43.2	44.1	44.0	43.7	42.2	39.7
		0	41.6	41.7	41.4	40.9	39.2	36.6
		-5	38.7	38.4	38.0	37.3	35.5	32.7
		-10	35.5	34.5	34.0	33.3	31.4	29.1
		-20	31.4	30.5	29.7	28.9	27.0	24.5
		-30	26.2	25.1	24.4	23.7	21.8	–
		-40	22.0	20.9	20.2	19.5	17.8	–
	71140DUS	10	54.4	56.6	57.2	57.1	55.8	53.0
		5	55.1	56.1	56.3	55.7	53.8	50.6
		0	52.1	52.4	52.0	51.4	49.2	45.8
		-5	48.5	48.2	47.6	46.8	44.5	41.1
		-10	45.6	45.0	44.2	43.4	40.9	37.5
		-20	39.3	38.1	37.2	36.4	33.8	30.7
		-30	32.9	31.6	30.7	29.8	27.4	–
		-40	28.0	26.7	25.7	24.8	22.6	–
	71160DUS	10	61.8	64.3	64.9	64.8	63.4	60.2
		5	63.0	64.2	64.0	63.7	61.6	57.8
		0	59.9	60.1	59.7	59.0	56.5	52.6
		-5	55.2	54.7	54.0	53.2	50.5	46.8
		-10	51.6	50.7	49.8	48.9	46.2	42.4
		-20	44.7	43.5	42.4	41.5	38.6	34.9
		-30	37.4	36.0	34.4	34.1	31.2	–
		-40	31.9	30.3	29.5	28.6	25.8	–
	12220DUS	10	85.1	88.6	89.5	89.3	87.3	82.9
		5	86.5	88.2	88.3	87.6	84.6	79.5
		0	81.9	82.2	81.7	80.7	77.3	72.0
		-5	76.0	75.4	74.5	73.4	69.6	64.4
		-10	71.1	70.0	68.8	67.5	63.7	58.5
		-20	60.7	59.0	57.5	56.2	52.3	47.3
		-30	51.7	49.7	48.2	46.9	43.1	–
		-40	43.7	41.7	40.2	38.9	35.4	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12270DUS	10	105	109	110	110	107	102
		5	106	108	108	108	104	97.6
		0	101	101	101	99.6	95.3	88.8
		-5	93.7	93.1	91.9	90.5	85.9	79.4
		-10	87.4	86.0	84.6	83.1	78.3	71.8
		-20	75.0	72.9	71.0	69.5	64.6	58.5
		-30	63.6	61.2	59.3	57.7	53.1	–
		-40	53.6	51.1	49.3	47.8	43.5	–
	12330DUS	10	128	133	134	134	131	124
		5	130	132	132	131	127	119
		0	123	124	123	122	116	108
		-5	114	112	112	109	104	96.4
		-10	107	106	104	102	95.9	88.0
		-20	91.5	88.9	86.6	84.7	78.8	71.3
		-30	77.6	74.7	72.4	70.4	64.9	–
		-40	65.4	62.4	60.1	58.3	53.1	–
	12420DUS	10	162	176	178	176	173	158
		5	165	167	168	166	161	152
		0	160	160	159	157	150	141
		-5	150	148	147	144	137	127
		-10	142	140	137	134	127	116
		-20	122	118	116	113	106	95.6
		-30	104	100	97.1	94.5	87.0	–
		-40	88.6	84.4	81.4	78.8	71.8	–
	12500DUS	10	193	201	203	203	198	188
		5	196	200	200	198	191	181
		0	191	191	190	188	180	167
		-5	179	177	175	172	163	151
		-10	169	166	163	160	150	139
		-20	146	141	139	136	126	115
		-30	124	120	116	112	104	–
		-40	106	101	97.3	94.4	85.8	–

*表中の「－」部分は実用上望ましい条件ではありません。

R404A
封入方式：SL <-60～-25℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)				
形式	番号		20	30	38	40	50
ATX-	34006BUSL 34006DUSL	-25	1.46	1.43	1.34	1.32	1.05
		-30	1.28	1.25	1.16	1.14	0.90
		-40	1.06	1.02	0.93	0.91	0.70
		-50	0.71	0.68	0.61	0.60	0.45
		-60	0.49	0.46	0.41	0.40	0.29
	34013BUSL 34013DUSL	-25	3.42	3.37	3.18	3.09	2.58
		-30	3.18	3.10	2.90	2.82	2.33
		-40	2.70	2.59	2.40	2.32	1.87
		-50	2.04	1.94	1.77	1.71	1.35
		-60	1.40	1.32	1.20	1.15	0.88
	34023BUSL 34023DUSL	-25	5.77	5.68	5.34	5.20	4.34
		-30	5.26	5.13	4.78	4.65	3.84
		-40	4.16	4.00	3.68	3.57	2.88
		-50	3.24	3.08	2.81	2.71	2.13
		-60	1.96	1.85	1.67	1.61	1.23
	34035BUSL 34035DUSL	-25	8.64	8.51	8.01	7.80	6.52
		-30	7.88	7.69	7.19	6.99	5.77
		-40	6.27	6.02	5.56	5.39	4.34
		-50	4.64	4.40	4.02	3.88	3.06
		-60	3.46	3.27	2.96	2.85	2.18
	34045BUSL 34045DUSL	-25	11.4	11.2	10.6	10.3	8.61
		-30	10.1	9.88	9.23	8.98	7.42
		-40	8.36	8.02	7.40	7.17	5.78
		-50	6.55	6.22	5.68	5.49	4.32
		-60	4.80	4.53	4.10	3.95	3.03
	57060DUSL	-25	15.3	15.1	14.2	13.8	11.5
		-30	14.2	13.8	12.9	12.5	10.3
		-40	12.1	11.6	10.7	10.3	8.32
		-50	9.21	8.75	8.00	7.69	6.05
		-60	6.05	5.71	5.18	4.96	3.81
	57080DUSL	-25	20.7	20.3	19.2	18.7	15.6
		-30	19.0	18.5	17.3	16.8	13.9
		-40	16.1	15.5	14.3	13.8	11.2
		-50	12.5	11.9	10.8	10.4	8.22
		-60	8.15	7.69	6.96	6.70	5.14
	71110DUSL	-25	29.2	28.8	27.0	26.3	22.0
		-30	26.9	26.2	24.4	23.7	19.6
		-40	22.9	22.0	20.3	19.6	15.8
		-50	16.3	15.5	14.1	13.6	10.7
		-60	10.9	10.3	9.28	8.92	6.84
	71140DUSL	-25	36.6	36.1	33.9	33.0	27.6
		-30	33.7	32.9	30.7	29.8	24.6
		-40	29.1	28.0	25.8	24.9	20.1
		-50	21.2	20.2	18.4	17.7	13.9
		-60	13.8	13.0	11.8	11.3	8.70
	71160DUSL	-25	41.7	41.1	38.7	37.8	31.6
		-30	38.3	37.4	35.0	34.1	28.2
		-40	30.4	31.9	29.5	28.6	23.1
		-50	24.3	23.1	21.1	20.4	16.1
		-60	15.9	15.0	13.6	13.1	10.1
	12220DUSL	-25	57.1	56.2	52.8	51.5	43.0
		-30	53.0	51.7	48.2	46.9	38.7
		-40	45.6	43.8	40.4	39.1	31.5
		-50	33.5	31.8	29.0	28.0	22.1
		-60	22.0	20.7	18.7	18.0	13.8
	12270DUSL	-25	70.4	69.3	65.1	63.4	53.0
		-30	65.2	63.6	59.3	57.6	47.6
		-40	56.0	53.8	49.5	47.9	38.7
		-50	40.8	38.7	35.3	34.0	26.8
		-60	26.6	25.1	22.6	21.8	16.7
	12330DUSL	-25	86.0	84.7	79.6	77.6	64.8
		-30	79.5	77.6	72.4	70.4	58.1
		-40	68.2	65.5	60.3	58.4	47.1
		-50	50.1	47.6	43.4	41.9	33.0
		-60	32.4	30.6	27.6	26.6	20.4
	12420DUSL	-25	115	113	107	104	87.1
		-30	106	104	97.1	94.6	78.1
		-40	92.1	88.4	81.6	79.3	63.9
		-50	68.8	65.3	59.7	57.8	45.5
		-60	45.6	43.0	39.0	37.6	28.9
	12500DUSL	-25	137	135	127	123	103
		-30	127	124	116	112	92.5
		-40	110	106	97.7	94.0	75.8
		-50	81.4	77.3	70.7	67.8	53.3
		-60	54.3	51.3	46.5	44.4	34.1

R407C
封入方式：S <-40～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BPS 34006DPS	10	3.16	3.42	3.54	3.59	3.69	3.70
		5	3.27	3.43	3.51	3.54	3.60	3.62
		0	3.15	3.27	3.32	3.34	3.37	3.36
		-5	3.07	3.13	3.17	3.18	3.19	3.14
		-10	2.81	2.49	2.91	2.91	2.91	2.86
		-20	2.40	2.43	2.44	2.43	2.41	2.37
		-30	1.96	1.95	1.96	1.95	1.94	–
		-40	1.64	1.61	1.61	1.61	1.57	–
	34013BPS 34013DPS	10	7.06	7.56	7.79	7.79	8.11	8.18
		5	7.22	7.57	7.74	7.81	7.93	7.93
		0	6.62	6.90	7.01	7.06	7.12	7.08
		-5	6.03	6.19	6.27	6.28	6.30	6.25
		-10	5.80	5.05	5.93	5.93	5.92	5.85
		-20	5.08	5.13	5.15	5.14	5.10	4.99
		-30	4.50	4.51	4.51	4.49	4.43	–
		-40	3.90	3.88	3.88	3.86	3.79	–
	34023BPS 34023DPS	10	12.1	12.9	13.3	13.5	13.8	14.0
		5	12.1	12.8	13.0	13.1	13.3	13.4
		0	11.4	11.9	12.1	12.1	12.2	12.2
		-5	10.9	11.3	11.4	11.4	11.5	11.3
		-10	9.80	9.99	10.1	10.1	10.1	9.86
		-20	8.69	8.75	8.78	8.75	8.68	8.51
		-30	7.34	7.34	7.34	7.31	7.21	–
		-40	5.90	5.90	5.89	5.86	5.76	–
	34035BPS 34035DPS	10	18.1	19.4	20.0	20.3	20.9	21.1
		5	18.5	19.4	20.0	20.1	20.4	20.5
		0	17.6	18.1	18.5	18.5	18.8	18.7
		-5	16.1	16.4	16.7	16.7	16.8	16.6
		-10	14.9	15.2	15.3	15.2	15.3	15.1
		-20	12.9	13.0	13.0	13.0	12.8	12.6
		-30	11.2	11.3	11.2	11.2	11.0	–
		-40	9.07	9.07	9.05	9.00	8.85	–
	34045BPS 34045DPS	10	23.2	24.9	25.7	26.0	26.7	27.0
		5	23.7	24.9	25.3	25.7	26.1	26.3
		0	22.5	23.4	23.8	23.9	24.1	24.0
		-5	20.7	21.2	21.5	21.5	21.6	21.4
		-10	19.2	19.5	19.6	19.6	19.5	19.4
		-20	16.5	16.6	16.7	16.6	16.5	16.2
		-30	14.3	14.4	14.4	14.4	14.2	–
		-40	11.7	11.7	11.6	11.6	11.4	–
	57060DPS	10	31.9	34.3	35.4	35.9	36.8	37.2
		5	32.7	34.3	35.1	35.4	36.0	36.1
		0	31.2	32.4	33.0	33.1	33.5	33.3
		-5	29.1	30.0	30.3	30.3	30.5	30.2
		-10	27.5	28.1	28.3	28.2	28.3	27.9
		-20	23.9	24.1	24.2	24.0	23.9	23.4
		-30	20.8	20.8	20.8	20.7	20.5	–
		-40	18.1	18.0	18.0	18.0	17.6	–
	57080DPS	10	42.7	45.8	47.3	48.0	49.2	49.8
		5	43.7	46.0	47.1	47.5	48.3	48.3
		0	41.9	43.5	44.2	44.4	44.9	44.6
		-5	38.7	39.7	40.2	40.3	40.4	40.0
		-10	36.8	37.5	37.8	37.8	37.7	37.2
		-20	31.8	32.2	32.2	32.2	31.8	31.2
		-30	27.9	28.0	27.9	27.8	27.4	–
		-40	24.1	24.0	24.0	23.9	23.4	–
	71110DPS	10	60.7	64.2	66.2	67.1	68.9	69.6
		5	60.0	63.0	64.3	65.0	66.2	66.2
		0	58.1	60.3	61.3	61.7	62.1	61.8
		-5	54.5	55.9	56.6	56.8	56.9	56.4
		-10	50.5	51.5	51.9	52.0	51.8	51.2
		-20	45.7	46.1	46.2	46.1	45.6	44.8
		-30	39.3	39.3	39.3	39.1	38.6	–
		-40	34.1	34.1	34.1	33.9	33.4	–
	71140DPS	10	74.7	80.2	82.7	83.9	86.2	86.9
		5	76.2	80.1	81.9	82.6	83.9	84.1
		0	72.7	75.5	76.7	77.1	77.8	77.4
		-5	68.2	69.6	70.4	70.7	70.9	70.5
		-10	64.7	66.1	66.5	66.5	66.4	65.6
		-20	57.1	57.6	57.8	57.6	57.1	56.0
		-30	49.2	49.4	49.4	49.1	48.5	–
		-40	43.3	43.3	43.2	43.2	42.2	–
	71160DPS	10	85.4	91.7	94.6	96.0	98.5	99.4
		5	87.6	92.1	94.2	95.1	96.6	96.8
		0	84.0	87.2	88.5	89.0	89.8	89.5
		-5	78.1	80.3	81.2	81.4	81.6	80.8
		-10	73.6	75.1	75.7	75.7	75.5	74.5
		-20	64.9	66.1	66.2	66.1	65.4	64.2
		-30	56.3	56.8	56.5	56.2	55.5	–
		-40	49.6	49.8	49.5	49.3	48.4	–
	12220DPS	10	118	127	131	133	136	137
		5	121	126	130	131	132	134
		0	115	120	122	122	123	123
		-5	108	111	112	112	113	111
		-10	102	104	105	105	104	103
		-20	88.8	89.6	89.8	89.7	88.8	87.0
		-30	77.7	78.1	78.0	77.7	76.6	–
		-40	68.2	68.2	68.0	67.7	66.6	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12270DPS	10	144	153	158	160	164	167
		5	146	154	158	160	161	162
		0	140	145	148	149	150	150
		-5	132	134	136	136	136	135
		-10	124	125	127	126	126	126
		-20	108	110	110	110	109	106
		-30	94.5	94.9	94.8	94.4	93.1	–
		-40	82.7	82.7	82.5	82.1	80.8	–
	12330DPS	10	175	188	194	197	202	204
		5	180	188	193	194	198	199
		0	172	178	182	182	184	183
		-5	161	164	167	167	168	166
		-10	152	155	157	156	156	154
		-20	133	135	135	134	133	131
		-30	116	117	116	116	114	–
		-40	101	101	101	101	99.0	–
	12420DPS	10	222	238	246	250	256	259
		5	227	238	245	248	251	252
		0	222	231	234	235	237	236
		-5	210	216	218	218	219	217
		-10	200	203	206	206	204	203
		-20	178	179	180	179	178	175
		-30	155	155	155	154	152	–
		-40	136	136	137	136	133	–
	12500DPS	10	267	286	295	300	307	310
		5	273	287	293	295	300	301
		0	266	277	282	283	285	284
		-5	253	259	262	263	264	261
		-10	241	246	248	248	248	244
		-20	214	214	216	214	213	209
		-30	186	187	187	186	184	–
		-40	165	164	164	163	160	–

R448A
封入方式：S <-40～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC1S 34006DC1S	10	2.96	3.23	3.27	3.31	3.36	3.33
		5	3.12	3.28	3.30	3.32	3.32	3.31
		0	2.84	2.95	2.96	2.97	2.96	2.92
		-5	2.86	2.91	2.90	2.90	2.86	2.80
		-10	2.53	2.60	2.59	2.58	2.54	2.47
		-20	2.16	2.17	2.17	2.15	2.09	2.04
		-30	1.75	1.74	1.73	1.72	1.67	–
		-40	1.45	1.42	1.41	1.40	1.34	–
	34013BC1S 34013DC1S	10	6.27	6.78	6.86	6.94	7.05	7.05
		5	6.57	6.90	6.94	6.99	7.00	6.92
		0	5.98	6.25	6.26	6.29	6.25	6.17
		-5	5.62	5.75	5.75	5.74	5.66	5.56
		-10	5.22	5.29	5.27	5.27	5.17	5.07
		-20	4.57	4.59	4.57	4.54	4.42	4.31
		-30	4.02	4.01	3.97	3.94	3.81	–
		-40	3.46	3.42	3.39	3.36	3.23	–
	34023BC1S 34023DC1S	10	10.9	11.7	11.9	12.0	12.2	12.4
		5	11.2	11.8	11.9	11.9	11.9	11.9
		0	10.3	10.7	10.7	10.8	10.7	10.6
		-5	10.2	10.4	10.4	10.4	10.3	10.1
		-10	8.83	8.98	8.95	8.93	8.77	8.55
		-20	7.80	7.84	7.78	7.74	7.54	7.33
		-30	6.56	6.53	6.46	6.42	6.21	–
		-40	5.24	5.21	5.15	5.10	4.92	–
	34035BC1S 34035DC1S	10	16.4	17.7	17.9	18.2	18.5	18.5
		5	17.1	18.0	18.1	18.2	18.3	18.2
		0	15.9	16.4	16.5	16.5	16.5	16.2
		-5	15.0	15.2	15.3	15.3	15.0	14.8
		-10	13.4	13.7	13.6	13.5	13.3	13.0
		-20	11.5	11.6	11.6	11.5	11.1	10.9
		-30	9.96	10.0	9.86	9.87	9.47	–
		-40	8.05	8.00	7.91	7.84	7.55	–
	34045BC1S 34045DC1S	10	21.0	22.7	23.0	23.3	23.6	23.7
		5	21.9	23.1	23.3	23.4	23.4	23.3
		0	20.3	21.2	21.2	21.3	21.1	20.9
		-5	19.3	19.0	19.6	19.6	19.4	19.0
		-10	17.3	17.6	17.4	17.4	17.0	16.7
		-20	14.8	14.8	14.8	14.7	14.3	14.0
		-30	12.7	12.8	12.7	12.6	12.2	–
		-40	10.4	10.3	10.2	10.1	9.75	–
	57060DC1S	10	28.9	31.2	31.7	32.1	32.6	32.5
		5	30.3	31.8	32.0	32.1	32.3	32.1
		0	28.2	29.3	29.4	29.5	29.4	29.0
		-5	27.1	27.8	27.7	27.7	27.3	26.9
		-10	24.7	25.2	25.2	25.1	24.6	24.1
		-20	21.4	21.5	21.4	21.2	20.7	20.2
		-30	18.5	18.6	18.4	18.2	17.6	–
		-40	16.0	15.9	15.8	15.7	15.1	–
	57080DC1S	10	38.6	41.8	42.3	42.9	43.5	43.6
		5	40.5	42.6	42.9	43.2	43.3	43.0
		0	37.8	39.3	39.4	39.6	39.4	38.9
		-5	36.0	36.8	36.8	36.8	36.3	35.6
		-10	33.1	33.7	33.6	33.5	33.0	32.3
		-20	28.6	28.8	28.5	28.4	27.5	26.9
		-30	24.9	24.8	24.6	24.4	23.6	–
		-40	21.4	21.2	21.0	20.8	20.0	–
	71110DC1S	10	54.9	58.6	59.2	60.0	60.9	60.8
		5	55.6	58.4	58.8	59.2	59.4	58.9
		0	52.5	54.6	54.7	54.9	54.5	53.8
		-5	50.9	52.0	51.8	51.9	51.1	50.3
		-10	45.4	46.3	46.2	46.2	45.2	44.3
		-20	41.0	41.2	41.0	40.7	39.6	38.6
		-30	35.1	34.9	34.6	34.3	33.2	–
		-40	30.2	30.1	29.8	29.5	28.5	–
	71140DC1S	10	67.6	73.2	74.0	75.0	76.2	76.1
		5	70.5	74.2	74.6	75.1	75.3	74.7
		0	65.6	68.4	68.5	68.7	68.4	67.4
		-5	63.6	64.7	64.5	64.5	63.7	62.7
		-10	58.3	59.4	59.1	59.1	58.0	56.8
		-20	51.2	51.6	51.3	50.9	49.6	48.3
		-30	44.0	43.9	43.5	43.1	41.7	–
		-40	38.5	38.2	37.7	37.7	36.0	–
	71160DC1S	10	77.3	83.7	84.8	85.8	87.2	86.9
		5	81.1	85.4	86.0	86.4	86.8	86.0
		0	75.9	78.9	79.0	79.2	78.9	77.9
		-5	72.8	74.5	74.4	74.4	71.2	71.9
		-10	68.4	67.6	67.3	67.2	65.9	64.6
		-20	58.3	59.1	58.7	58.4	56.8	55.3
		-30	50.3	50.2	49.7	49.3	47.8	–
		-40	44.0	43.8	43.3	42.9	41.3	–
	12220DC1S	10	107	116	117	118	120	120
		5	111	117	118	118	118	119
		0	104	108	109	109	108	107
		-5	101	102	102	102	101	99.1
		-10	91.7	93.3	92.7	92.9	91.2	89.3
		-20	79.7	80.2	79.6	79.2	77.0	75.0
		-30	69.4	69.4	68.7	68.3	65.9	–
		-40	60.5	60.1	59.4	58.9	56.8	–
	12270DC1S	10	130	140	142	143	145	145
		5	135	143	145	145	144	144
		0	127	132	132	132	132	130
		-5	123	124	125	125	122	120
		-10	112	113.0	113	112	110	109
		-20	97.4	98.1	97.5	96.7	94.7	91.9
		-30	84.4	84.3	83.5	82.9	80.2	–
		-40	73.4	73.0	72.1	71.5	68.9	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12330DC1S	10	158	171	174	176	179	179
		5	166	174	176	177	177	177
		0	155	161	162	162	162	160
		-5	150	152	153	153	150	148
		-10	137	140	140	139	137	134
		-20	120	120	120	119	116	113
		-30	103	104	102	102	98.1	–
		-40	90.0	89.5	88.4	87.7	84.4	–
	12420DC1S	10	201	217	220	223	226	226
		5	210	221	223	224	225	224
		0	200	208	209	209	208	206
		-5	196	200	200	199	196	194
		-10	187	183	183	182	179	176
		-20	160	159	160	158	155	151
		-30	138	137	136	135	131	–
		-40	120	120	120	119	114	–
	12500DC1S	10	242	261	264	268	271	271
		5	253	266	268	268	270	267
		0	241	251	251	252	251	247
		-5	235	240	240	240	237	233
		-10	217	222	221	220	216	212
		-20	192	192	191	190	185	180
		-30	166	166	165	164	158	–
		-40	146	144	143	142	136	–

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封入方式：C <-40～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC1C 34006DC1C	10	2.96	3.23	3.27	3.31	3.36	3.33
		5	3.12	3.28	3.30	3.32	3.32	3.31
		0	2.84	2.95	2.96	2.97	2.96	2.92
		-5	2.86	2.91	2.90	2.90	2.86	2.80
		-10	2.53	2.60	2.59	2.58	2.54	2.47
		-20	2.16	2.17	2.17	2.15	2.09	2.04
		-30	1.75	1.74	1.73	1.72	1.67	–
		-40	1.45	1.42	1.41	1.40	1.34	–
	34013BC1C 34013DC1C	10	6.27	6.78	6.86	6.94	7.05	7.05
		5	6.57	6.90	6.94	6.99	7.00	6.92
		0	5.98	6.25	6.26	6.29	6.25	6.17
		-5	5.62	5.75	5.75	5.74	5.66	5.56
		-10	5.22	5.29	5.27	5.27	5.17	5.07
		-20	4.57	4.59	4.57	4.54	4.42	4.31
		-30	4.02	4.01	3.97	3.94	3.81	–
		-40	3.46	3.42	3.39	3.36	3.23	–
	34023BC1C 34023DC1C	10	10.9	11.7	11.9	12.0	12.2	12.4
		5	11.2	11.8	11.9	11.9	11.9	11.9
		0	10.3	10.7	10.7	10.8	10.7	10.6
		-5	10.2	10.4	10.4	10.4	10.3	10.1
		-10	8.83	8.98	8.95	8.93	8.77	8.55
		-20	7.80	7.84	7.78	7.74	7.54	7.33
		-30	6.56	6.53	6.46	6.42	6.21	–
		-40	5.24	5.21	5.15	5.10	4.92	–
	34035BC1C 34035DC1C	10	16.4	17.7	17.9	18.2	18.5	18.5
		5	17.1	18.0	18.1	18.2	18.3	18.2
		0	15.9	16.4	16.5	16.5	16.5	16.2
		-5	15.0	15.2	15.3	15.3	15.0	14.8
		-10	13.4	13.7	13.6	13.5	13.3	13.0
		-20	11.5	11.6	11.6	11.5	11.1	10.9
		-30	9.96	10.0	9.86	9.87	9.47	–
		-40	8.05	8.00	7.91	7.84	7.55	–
	34045BC1C 34045DC1C	10	21.0	22.7	23.0	23.3	23.6	23.7
		5	21.9	23.1	23.3	23.4	23.4	23.3
		0	20.3	21.2	21.2	21.3	21.1	20.9
		-5	19.3	19.0	19.6	19.6	19.4	19.0
		-10	17.3	17.6	17.4	17.4	17.0	16.7
		-20	14.8	14.8	14.8	14.7	14.3	14.0
		-30	12.7	12.8	12.7	12.6	12.2	–
		-40	10.4	10.3	10.2	10.1	9.75	–
	57060DC1C	10	28.9	31.2	31.7	32.1	32.6	32.5
		5	30.3	31.8	32.0	32.1	32.3	32.1
		0	28.2	29.3	29.4	29.5	29.4	29.0
		-5	27.1	27.8	27.7	27.7	27.3	26.9
		-10	24.7	25.2	25.2	25.1	24.6	24.1
		-20	21.4	21.5	21.4	21.2	20.7	20.2
		-30	18.5	18.6	18.4	18.2	17.6	–
		-40	16.0	15.9	15.8	15.7	15.1	–
	57080DC1C	10	38.6	41.8	42.3	42.9	43.5	43.6
		5	40.5	42.6	42.9	43.2	43.3	43.0
		0	37.8	39.3	39.4	39.6	39.4	38.9
		-5	36.0	36.8	36.8	36.8	36.3	35.6
		-10	33.1	33.7	33.6	33.5	33.0	32.3
		-20	28.6	28.8	28.5	28.4	27.5	26.9
		-30	24.9	24.8	24.6	24.4	23.6	–
		-40	21.4	21.2	21.0	20.8	20.0	–
	71110DC1C	10	54.9	58.6	59.2	60.0	60.9	60.8
		5	55.6	58.4	58.8	59.2	59.4	58.9
		0	52.5	54.6	54.7	54.9	54.5	53.8
		-5	50.9	52.0	51.8	51.9	51.1	50.3
		-10	45.4	46.3	46.2	46.2	45.2	44.3
		-20	41.0	41.2	41.0	40.7	39.6	38.6
		-30	35.1	34.9	34.6	34.3	33.2	–
		-40	30.2	30.1	29.8	29.5	28.5	–
	71140DC1C	10	67.6	73.2	74.0	75.0	76.2	76.1
		5	70.5	74.2	74.6	75.1	75.3	74.7
		0	65.6	68.4	68.5	68.7	68.4	67.4
		-5	63.6	64.7	64.5	64.5	63.7	62.7
		-10	58.3	59.4	59.1	59.1	58.0	56.8
		-20	51.2	51.6	51.3	50.9	49.6	48.3
		-30	44.0	43.9	43.5	43.1	41.7	–
		-40	38.5	38.2	37.7	37.7	36.0	–
	71160DC1C	10	77.3	83.7	84.8	85.8	87.2	86.9
		5	81.1	85.4	86.0	86.4	86.8	86.0
		0	75.9	78.9	79.0	79.2	78.9	77.9
		-5	72.8	74.5	74.4	74.4	71.2	71.9
		-10	68.4	67.6	67.3	67.2	65.9	64.6
		-20	58.3	59.1	58.7	58.4	56.8	55.3
		-30	50.3	50.2	49.7	49.3	47.8	–
		-40	44.0	43.8	43.3	42.9	41.3	–
	12220DC1C	10	107	116	117	118	120	120
		5	111	117	118	118	118	119
		0	104	108	109	109	108	107
		-5	101	102	102	102	101	99.1
		-10	91.7	93.3	92.7	92.9	91.2	89.3
		-20	79.7	80.2	79.6	79.2	77.0	75.0
		-30	69.4	69.4	68.7	68.3	65.9	–
		-40	60.5	60.1	59.4	58.9	56.8	–
	12270DC1C	10	130	140	142	143	145	145
		5	135	143	145	145	144	144
		0	127	132	132	132	132	130
		-5	123	124	125	125	122	120
		-10	112	113	113	112	110	109
		-20	97.4	98.1	97.5	96.7	94.7	91.9
		-30	84.4	84.3	83.5	82.9	80.2	–
		-40	73.4	73.0	72.1	71.5	68.9	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12330DC1C	10	158	171	174	176	179	179
		5	166	174	176	177	177	177
		0	155	161	162	162	162	160
		-5	150	152	153	153	150	148
		-10	137	140	140	139	137	134
		-20	120	120	120	119	116	113
		-30	103	104	102	102	98.1	–
		-40	90.0	89.5	88.4	87.7	84.4	–
	12420DC1C	10	201	217	220	223	226	226
		5	210	221	223	224	225	224
		0	200	208	209	209	208	206
		-5	196	200	200	199	196	194
		-10	187	183	183	182	179	176
		-20	160	159	160	158	155	151
		-30	138	137	136	135	131	–
		-40	120	120	120	119	114	–
	12500DC1C	10	242	261	264	268	271	271
		5	253	266	268	268	270	267
		0	241	251	251	252	251	247
		-5	235	240	240	240	237	233
		-10	217	222	221	220	216	212
		-20	192	192	191	190	185	180
		-30	166	166	165	164	158	–
		-40	146	144	143	142	136	–

R448A
封入方式：SL <-60～-25℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)				
			凝縮温度 (℃)				
形式	番号		20	30	38	40	50
ATX-	34006BC1SL 34006DC1SL	-25	1.96	2.02	2.01	2.00	1.88
		-30	1.74	1.78	1.76	1.75	1.63
		-40	1.47	1.49	1.46	1.45	1.35
		-50	1.02	1.03	1.01	1.00	0.92
		-60	0.73	0.73	0.72	0.71	0.66
	34013BC1SL 34013DC1SL	-25	4.65	4.79	4.76	4.74	4.46
		-30	4.37	4.47	4.42	4.39	4.11
		-40	3.79	3.84	3.77	3.75	3.48
		-50	2.95	2.98	2.92	2.89	2.67
		-60	2.13	2.15	2.11	2.09	1.94
	34023BC1SL 34023DC1SL	-25	7.84	8.08	8.03	7.99	7.52
		-30	7.21	7.37	7.29	7.24	6.78
		-40	5.84	5.91	5.81	5.77	5.36
		-50	4.68	4.72	4.62	4.58	4.24
		-60	2.96	2.99	2.93	2.91	2.69
	34035BC1SL 34035DC1SL	-25	11.7	12.1	12.0	12.0	11.3
		-30	10.8	11.0	10.9	10.9	10.2
		-40	8.80	8.91	8.76	8.69	8.08
		-50	6.69	6.75	6.61	6.55	6.06
		-60	5.25	5.30	5.20	5.16	4.77
	34045BC1SL 34045DC1SL	-25	15.5	16.0	15.9	15.8	14.9
		-30	13.9	14.2	14.0	14.0	13.1
		-40	11.7	11.8	11.6	11.6	10.7
		-50	9.46	9.53	9.34	9.26	8.56
		-60	7.27	7.34	7.20	7.14	6.60
	57060DC1SL	-25	20.8	21.4	21.3	21.2	20.0
		-30	19.4	19.8	19.6	19.5	18.2
		-40	16.9	17.1	16.8	16.7	15.5
		-50	13.3	13.4	13.1	13.0	12.0
		-60	9.21	9.30	9.12	9.04	8.37
	57080DC1SL	-25	28.1	29.0	28.8	28.6	27.0
		-30	26.1	26.6	26.3	26.2	24.5
		-40	22.6	22.9	22.5	22.3	20.8
		-50	18.0	18.1	17.8	17.6	16.3
		-60	12.4	12.5	12.3	12.2	11.3
	71110DC1SL	-25	35.5	36.6	36.4	36.2	34.1
		-30	32.9	33.7	33.3	33.1	31.0
		-40	28.8	29.1	28.6	28.4	26.4
		-50	21.1	21.2	20.8	20.6	19.0
		-60	14.7	14.9	14.6	14.5	13.4
	71140DC1SL	-25	49.6	51.2	50.9	50.6	47.6
		-30	46.2	47.2	46.7	46.4	43.4
		-40	40.7	41.3	40.5	40.2	37.4
		-50	30.6	30.9	30.2	30.0	27.7
		-60	20.9	21.2	20.7	20.6	19.0
	71160DC1SL	-25	69.5	71.7	71.3	70.9	66.7
		-30	64.6	66.1	65.3	64.9	60.8
		-40	57.3	58.0	57.0	56.6	52.6
		-50	43.3	43.6	42.7	42.4	39.2
		-60	29.8	30.1	29.5	29.3	27.1
	12220DC1SL	-25	91.0	93.9	93.3	92.8	87.4
		-30	85.3	87.2	86.2	85.7	80.3
		-40	75.0	75.9	74.6	74.1	68.9
		-50	56.8	57.3	56.1	55.6	51.4
		-60	39.1	39.4	38.7	38.4	35.5
	12270DC1SL	-25	110	114	113	113	106
		-30	103	106	104	104	97.1
		-40	90.7	91.9	90.3	89.6	83.3
		-50	67.8	68.4	66.9	66.4	61.4
		-60	46.5	47.0	46.1	45.7	42.3
	12330DC1SL	-25	133	137	136	136	128
		-30	125	127	126	125	117
		-40	109	110	108	108	100
		-50	82.5	83.1	81.4	80.7	74.6
		-60	55.8	56.4	55.3	54.8	50.7
	12420DC1SL	-25	175	181	179	178	168
		-30	164	167	165	164	154
		-40	144	146	144	143	133
		-50	111	112	110	109	101
		-60	77.3	78.1	76.6	75.9	70.2
	12500DC1SL	-25	220	227	226	225	211
		-30	206	211	208	207	194
		-40	183	185	182	180	168
		-50	139	140	137	136	126
		-60	97.5	98.5	96.6	95.8	88.6

R449A
封入方式：S <-40～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC1S 34006DC1S	10	2.93	3.14	3.23	3.26	3.31	3.28
		5	3.01	3.14	3.19	3.21	3.22	3.20
		0	2.80	2.89	2.92	2.93	2.93	2.88
		-5	2.73	2.77	2.78	2.79	2.76	2.69
		-10	2.50	2.55	2.55	2.54	2.51	2.43
		-20	2.13	2.13	2.13	2.12	2.07	2.01
		-30	1.73	1.71	1.70	1.69	1.65	–
		-40	1.43	1.39	1.39	1.37	1.33	–
	34013BC1S 34013DC1S	10	6.19	6.60	6.77	6.85	6.95	6.95
		5	6.33	6.60	6.72	6.76	6.79	6.70
		0	5.91	6.12	6.18	6.20	6.18	6.08
		-5	5.37	5.48	5.51	5.50	5.46	5.35
		-10	5.15	5.18	5.20	5.19	5.12	4.99
		-20	4.50	4.51	4.50	4.47	4.38	4.23
		-30	3.96	3.94	3.91	3.87	3.77	–
		-40	3.41	3.36	3.33	3.30	3.19	–
	34023BC1S 34023DC1S	10	10.8	11.4	11.8	11.8	12.0	12.2
		5	10.8	11.3	11.5	11.5	11.5	11.5
		0	10.2	10.5	10.6	10.7	10.6	10.4
		-5	9.72	9.93	10.0	10.0	10.0	9.69
		-10	8.71	8.81	8.82	8.80	8.67	8.41
		-20	7.70	7.70	7.67	7.61	7.46	7.21
		-30	6.46	6.41	6.36	6.31	6.14	–
		-40	5.15	5.11	5.06	5.01	4.86	–
	34035BC1S 34035DC1S	10	16.2	17.2	17.7	17.9	18.2	18.2
		5	16.5	17.2	17.5	17.6	17.7	17.6
		0	15.7	16.1	16.3	16.2	16.3	16.0
		-5	14.3	14.5	14.7	14.6	14.5	14.2
		-10	13.3	13.4	13.4	13.3	13.2	12.8
		-20	11.3	11.4	11.4	11.3	11.0	10.7
		-30	9.82	9.8	9.71	9.70	9.37	–
		-40	7.92	7.85	7.77	7.69	7.46	–
	34045BC1S 34045DC1S	10	20.8	22.1	22.7	23.0	23.3	23.3
		5	21.2	22.1	22.5	22.6	22.7	22.6
		0	20.1	20.8	20.9	21.0	20.9	20.6
		-5	18.4	18.1	18.8	18.8	18.7	18.3
		-10	17.0	17.2	17.2	17.1	16.8	16.5
		-20	14.6	14.6	14.6	14.5	14.2	13.7
		-30	12.5	12.6	12.5	12.4	12.1	–
		-40	10.2	10.1	10.0	9.90	9.63	–
	57060DC1S	10	28.5	30.4	31.3	31.7	32.1	32.0
		5	29.2	30.4	31.0	31.1	31.4	31.1
		0	27.9	28.7	29.0	29.1	29.0	28.5
		-5	25.9	26.5	26.6	26.6	26.4	25.9
		-10	24.4	24.7	24.8	24.7	24.4	23.7
		-20	21.1	21.2	21.1	20.9	20.5	19.8
		-30	18.3	18.2	18.1	17.9	17.5	–
		-40	15.7	15.6	15.5	15.4	14.9	–
	57080DC1S	10	38.2	40.7	41.8	42.3	42.9	42.9
		5	39.1	40.8	41.5	41.8	42.0	41.6
		0	37.3	38.5	38.9	39.0	38.9	38.3
		-5	34.4	35.1	35.3	35.3	35.0	34.2
		-10	32.7	33.1	33.1	33.0	32.6	31.7
		-20	28.2	28.3	28.1	27.9	27.3	26.4
		-30	24.5	24.4	24.2	23.9	23.3	–
		-40	21.1	20.8	20.6	20.4	19.8	–
	71110DC1S	10	54.3	57.0	58.5	59.1	60.1	59.9
		5	53.6	55.8	56.9	57.2	57.6	57.0
		0	51.8	53.4	54.0	54.2	53.9	53.0
		-5	48.6	49.5	49.7	49.8	49.3	48.3
		-10	44.8	45.4	45.5	45.5	44.7	43.6
		-20	40.5	40.5	40.4	40.1	39.2	38.0
		-30	34.5	34.3	34.1	33.7	32.9	–
		-40	29.8	29.6	29.3	29.0	28.1	–
	71140DC1S	10	66.8	71.2	73.1	74.0	75.1	74.9
		5	68.0	71.0	72.1	72.6	73.0	72.3
		0	64.8	66.9	67.6	67.7	67.6	66.4
		-5	60.7	61.6	61.9	61.9	61.4	60.3
		-10	57.6	58.3	58.3	58.2	57.4	55.9
		-20	50.5	50.7	50.5	50.1	49.1	47.5
		-30	43.4	43.1	42.8	42.4	41.3	–
		-40	37.9	37.5	37.1	37.0	35.6	–
	71160DC1S	10	76.3	81.4	83.7	84.6	85.9	85.6
		5	78.3	81.7	83.2	83.6	84.1	83.3
		0	74.9	77.2	78.0	78.1	78.0	76.7
		-5	69.5	71.0	71.4	71.4	68.7	69.1
		-10	67.5	66.3	66.4	66.1	65.2	63.5
		-20	57.5	58.1	57.8	57.5	56.2	54.4
		-30	49.5	49.3	49.0	48.5	47.3	–
		-40	43.3	43.0	42.5	42.1	40.8	–
	12220DC1S	10	106	112	116	117	119	118
		5	107	112	114	114	115	115
		0	103	106	108	108	107	105
		-5	96.3	97.5	98.2	98.3	97.7	95.2
		-10	90.5	91.5	91.4	91.5	90.2	87.8
		-20	78.6	78.8	78.4	78.0	76.3	73.8
		-30	68.4	68.2	67.6	67.1	65.2	–
		-40	59.5	59.0	58.4	57.8	56.1	–
	12270DC1S	10	128	136	140	141	143	143
		5	131	137	140	141	140	139
		0	125	129	130	130	131	128
		-5	118	118	120	120	118	116
		-10	110	111.0	111	110	109	107
		-20	96.1	96.3	96.1	95.2	93.7	90.3
		-30	83.2	82.8	82.2	81.5	79.4	–
		-40	72.3	71.6	70.8	70.2	68.1	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW) 凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12330DC1S	10	156	167	171	174	176	176
		5	160	166	170	171	172	171
		0	153	157	160	160	160	157
		-5	143	145	147	146	145	142
		-10	135	137	138	137	135	132
		-20	118	118	118	117	114	111
		-30	102	102	101	101	97.1	–
		-40	88.5	87.8	86.9	86.0	83.4	–
	12420DC1S	10	198	211	217	220	223	223
		5	202	211	215	217	218	217
		0	198	204	206	206	206	203
		-5	187	190	192	191	189	186
		-10	184	179	180	179	177	173
		-20	157	157	157	156	153	148
		-30	136	135	134	133	129	–
		-40	118	118	117	116	112	–
	12500DC1S	10	239	254	261	264	267	267
		5	244	254	259	259	262	259
		0	238	246	248	248	248	244
		-5	225	229	231	230	229	224
		-10	215	217	218	217	214	209
		-20	189	188	189	187	183	177
		-30	164	163	162	161	157	–
		-40	144	141	140	139	134	–

R449A
封入方式：C <-40～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC1C 34006DC1C	10	2.93	3.14	3.23	3.26	3.31	3.28
		5	3.01	3.14	3.19	3.21	3.22	3.20
		0	2.80	2.89	2.92	2.93	2.93	2.88
		-5	2.73	2.77	2.78	2.79	2.76	2.69
		-10	2.50	2.55	2.55	2.54	2.51	2.43
		-20	2.13	2.13	2.13	2.12	2.07	2.01
		-30	1.73	1.71	1.70	1.69	1.65	–
		-40	1.43	1.39	1.39	1.37	1.33	–
	34013BC1C 34013DC1C	10	6.19	6.60	6.77	6.85	6.95	6.95
		5	6.33	6.60	6.72	6.76	6.79	6.70
		0	5.91	6.12	6.18	6.20	6.18	6.08
		-5	5.37	5.48	5.51	5.50	5.46	5.35
		-10	5.15	5.18	5.20	5.19	5.12	4.99
		-20	4.50	4.51	4.50	4.47	4.38	4.23
		-30	3.96	3.94	3.91	3.87	3.77	–
		-40	3.41	3.36	3.33	3.30	3.19	–
	34023BC1C 34023DC1C	10	10.8	11.4	11.8	11.8	12.0	12.2
		5	10.8	11.3	11.5	11.5	11.5	11.5
		0	10.2	10.5	10.6	10.7	10.6	10.4
		-5	9.72	9.93	10.0	10.0	9.95	9.69
		-10	8.71	8.81	8.82	8.80	8.67	8.41
		-20	7.70	7.70	7.67	7.61	7.46	7.21
		-30	6.46	6.41	6.36	6.31	6.14	–
		-40	5.15	5.11	5.06	5.01	4.86	–
	34035BC1C 34035DC1C	10	16.2	17.2	17.7	17.9	18.2	18.2
		5	16.5	17.2	17.5	17.6	17.7	17.6
		0	15.7	16.1	16.3	16.2	16.3	16.0
		-5	14.3	14.5	14.7	14.6	14.5	14.2
		-10	13.3	13.4	13.4	13.3	13.2	12.8
		-20	11.3	11.4	11.4	11.3	11.0	10.7
		-30	9.82	9.83	9.71	9.70	9.37	–
		-40	7.92	7.85	7.77	7.69	7.46	–
	34045BC1C 34045DC1C	10	20.8	22.1	22.7	23.0	23.3	23.3
		5	21.2	22.1	22.5	22.6	22.7	22.6
		0	20.1	20.8	20.9	21.0	20.9	20.6
		-5	18.4	18.1	18.8	18.8	18.7	18.3
		-10	17.0	17.2	17.2	17.1	16.8	16.5
		-20	14.6	14.6	14.6	14.5	14.2	13.7
		-30	12.5	12.6	12.5	12.4	12.1	–
		-40	10.2	10.1	10.0	9.90	9.63	–
	57060DC1C	10	28.5	30.4	31.3	31.7	32.1	32.0
		5	29.2	30.4	31.0	31.1	31.4	31.1
		0	27.9	28.7	29.0	29.1	29.0	28.5
		-5	25.9	26.5	26.6	26.6	26.4	25.9
		-10	24.4	24.7	24.8	24.7	24.4	23.7
		-20	21.1	21.2	21.1	20.9	20.5	19.8
		-30	18.3	18.2	18.1	17.9	17.5	–
		-40	15.7	15.6	15.5	15.4	14.9	–
	57080DC1C	10	38.2	40.7	41.8	42.3	42.9	42.9
		5	39.1	40.8	41.5	41.8	42.0	41.6
		0	37.3	38.5	38.9	39.0	38.9	38.3
		-5	34.4	35.1	35.3	35.3	35.0	34.2
		-10	32.7	33.1	33.1	33.0	32.6	31.7
		-20	28.2	28.3	28.1	27.9	27.3	26.4
		-30	24.5	24.4	24.2	23.9	23.3	–
		-40	21.1	20.8	20.6	20.4	19.8	–
	71110DC1C	10	54.3	57.0	58.5	59.1	60.1	59.9
		5	53.6	55.8	56.9	57.2	57.6	57.0
		0	51.8	53.4	54.0	54.2	53.9	53.0
		-5	48.6	49.5	49.7	49.8	49.3	48.3
		-10	44.8	45.4	45.5	45.5	44.7	43.6
		-20	40.5	40.5	40.4	40.1	39.2	38.0
		-30	34.5	34.3	34.1	33.7	32.9	–
		-40	29.8	29.6	29.3	29.0	28.1	–
	71140DC1C	10	66.8	71.2	73.1	74.0	75.1	74.9
		5	68.0	71.0	72.1	72.6	73.0	72.3
		0	64.8	66.9	67.6	67.7	67.6	66.4
		-5	60.7	61.6	61.9	61.9	61.4	60.3
		-10	57.6	58.3	58.3	58.2	57.4	55.9
		-20	50.5	50.7	50.5	50.1	49.1	47.5
		-30	43.4	43.1	42.8	42.4	41.3	–
		-40	37.9	37.5	37.1	37.0	35.6	–
	71160DC1C	10	76.3	81.4	83.7	84.6	85.9	85.6
		5	78.3	81.7	83.2	83.6	84.1	83.3
		0	74.9	77.2	78.0	78.1	78.0	76.7
		-5	69.5	71.0	71.4	71.4	68.7	69.1
		-10	67.5	66.3	66.4	66.1	65.2	63.5
		-20	57.5	58.1	57.8	57.5	56.2	54.4
		-30	49.5	49.3	49.0	48.5	47.3	–
		-40	43.3	43.0	42.5	42.1	40.8	–
	12220DC1C	10	106	112	116	117	119	118
		5	107	112	114	114	115	115
		0	103	106	108	108	107	105
		-5	96.3	97.5	98.2	98.3	97.7	95.2
		-10	90.5	91.5	91.4	91.5	90.2	87.8
		-20	78.6	78.8	78.4	78.0	76.3	73.8
		-30	68.4	68.2	67.6	67.1	65.2	–
		-40	59.5	59.0	58.4	57.8	56.1	–
	12270DC1C	10	128	136	140	141	143	143
		5	131	137	140	141	140	139
		0	125	129	130	130	131	128
		-5	118	118	120	120	118	116
		-10	110	111	111	111	109	107
		-20	96.1	96.3	96.1	95.2	93.7	90.3
		-30	83.2	82.8	82.2	81.5	79.4	–
		-40	72.3	71.6	70.8	70.2	68.1	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		20	30	38		40	50
ATX-	12270DC1C	10	128	136	140	141	143	143
		5	131	137	140	141	140	139
		0	125	129	130	130	131	128
		-5	118	118	120	120	118	116
		-10	110	111	111	110	109	107
		-20	96.1	96.3	96.1	95.2	93.7	90.3
		-30	83.2	82.8	82.2	81.5	79.4	–
		-40	72.3	71.6	70.8	70.2	68.1	–
	12330DC1C	10	156	167	171	174	176	176
		5	160	166	170	171	172	171
		0	153	157	160	160	160	157
		-5	143	145	147	146	145	142
		-10	135	137	138	137	135	132
		-20	118	118	118	117	114	111
		-30	102	102	101	101	97.1	–
		-40	88.5	87.8	86.9	86.0	83.4	–
	12420DC1C	10	198	211	217	220	223	223
		5	202	211	215	217	218	217
		0	198	204	206	206	206	203
		-5	187	190	192	191	189	186
		-10	184	179	180	179	177	173
		-20	157	157	157	156	153	148
		-30	136	135	134	133	129	–
		-40	118	118	117	116	112	–
	12500DC1C	10	239	254	261	264	267	267
		5	244	254	259	259	262	259
		0	238	246	248	248	248	244
		-5	225	229	231	230	229	224
		-10	215	217	218	217	214	209
		-20	189	188	189	187	183	177
		-30	164	163	162	161	157	–
		-40	144	141	140	139	134	–

R449A
封入方式：SL <-60～-25℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)				
			凝縮温度 (℃)				
形式	番号		20	30	38	40	50
ATX-	34006BC1SL 34006DC1SL	-25	1.94	1.99	1.98	1.96	1.85
		-30	1.72	1.75	1.73	1.72	1.60
		-40	1.45	1.47	1.44	1.42	1.32
		-50	1.01	1.01	0.99	0.98	0.91
		-60	0.71	0.72	0.70	0.70	0.64
	34013BC1SL 34013DC1SL	-25	4.59	4.72	4.69	4.66	4.38
		-30	4.32	4.40	4.35	4.32	4.04
		-40	3.74	3.78	3.71	3.68	3.41
		-50	2.91	2.93	2.87	2.84	2.62
		-60	2.09	2.10	2.06	2.04	1.89
	34023BC1SL 34023DC1SL	-25	7.74	7.97	7.91	7.86	7.39
		-30	7.12	7.27	7.17	7.12	6.66
		-40	5.76	5.82	5.71	5.66	5.25
		-50	4.61	4.64	4.54	4.50	4.16
		-60	2.90	2.92	2.86	2.84	2.62
	34035BC1SL 34035DC1SL	-25	11.6	11.9	11.9	11.8	11.1
		-30	10.7	10.9	10.7	10.7	10.0
		-40	8.68	8.77	8.60	8.53	7.91
		-50	6.59	6.63	6.49	6.43	5.94
		-60	5.14	5.18	5.08	5.03	4.65
	34045BC1SL 34045DC1SL	-25	15.3	15.8	15.6	15.6	14.6
		-30	13.7	14.0	13.8	13.7	12.8
		-40	11.5	11.7	11.4	11.3	10.5
		-50	9.31	9.37	9.17	9.09	8.40
		-60	7.11	7.17	7.02	6.96	6.43
	57060DC1SL	-25	20.5	21.1	21.0	20.8	19.6
		-30	19.2	19.5	19.3	19.2	17.9
		-40	16.7	16.8	16.5	16.4	15.2
		-50	13.1	13.2	12.9	12.8	11.8
		-60	9.01	9.08	8.90	8.82	8.15
	57080DC1SL	-25	27.7	28.6	28.3	28.2	26.5
		-30	25.7	26.3	25.9	25.7	24.1
		-40	22.3	22.5	22.1	21.9	20.3
		-50	17.7	17.8	17.4	17.3	16.0
		-60	12.1	12.2	12.0	11.9	11.0
	71110DC1SL	-25	35.1	36.1	35.8	35.6	33.5
		-30	32.5	33.2	32.8	32.5	30.4
		-40	28.4	28.6	28.1	27.9	25.9
		-50	20.7	20.9	20.4	20.2	18.7
		-60	14.4	14.5	14.2	14.1	13.0
	71140DC1SL	-25	49.0	50.5	50.1	49.8	46.8
		-30	45.6	46.5	46.0	45.6	42.6
		-40	40.2	40.6	39.8	39.5	36.6
		-50	30.1	30.3	29.7	29.4	27.2
		-60	20.5	20.7	20.2	20.1	18.5
	71160DC1SL	-25	68.7	70.7	70.2	69.7	65.6
		-30	63.8	65.1	64.3	63.8	59.7
		-40	56.5	57.1	56.0	55.5	51.5
		-50	42.6	42.9	42.0	41.6	38.4
		-60	29.2	29.4	28.8	28.5	26.4
	12220DC1SL	-25	89.9	92.5	91.9	91.3	85.8
		-30	84.3	86.0	84.9	84.3	78.8
		-40	74.0	74.7	73.3	72.7	67.4
		-50	56.0	56.3	55.1	54.6	50.5
		-60	38.2	38.5	37.8	37.4	34.6
	12270DC1SL	-25	109	112	111	111	104
		-30	102	104	103	102	95.3
		-40	89.5	90.4	88.7	87.9	81.6
		-50	66.8	67.2	65.8	65.2	60.2
		-60	45.5	45.9	45.0	44.6	41.2
	12330DC1SL	-25	132	135	134	134	126
		-30	123	126	124	123	115
		-40	107	109	107	106	98.0
		-50	81.2	81.8	80.0	79.3	73.2
		-60	54.6	55.1	54.0	53.5	49.4
	12420DC1SL	-25	173	178	177	176	165
		-30	162	165	163	162	151
		-40	142	144	141	140	130
		-50	110	110	108	107	98.9
		-60	75.6	76.2	74.7	74.0	68.4
	12500DC1SL	-25	218	224	222	221	208
		-30	204	208	205	204	190
		-40	180	182	179	177	164
		-50	137	138	135	134	124
		-60	95.4	96.2	94.3	93.4	86.3

R407H
封入方式：S <-40～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC2S 34006DC2S	10	3.35	3.63	3.76	3.82	3.93	3.95
		5	3.47	3.65	3.74	3.78	3.84	3.88
		0	3.35	3.48	3.54	3.57	3.60	3.60
		-5	3.27	3.34	3.39	3.40	3.42	3.37
		-10	2.99	2.66	3.11	3.12	3.12	3.08
		-20	2.57	2.61	2.62	2.61	2.60	2.56
		-30	2.10	2.10	2.11	2.11	2.10	–
		-40	1.77	1.74	1.74	1.75	1.71	–
	34013BC2S 34013DC2S	10	7.48	8.03	8.28	8.30	8.65	8.74
		5	7.66	8.05	8.24	8.33	8.47	8.49
		0	7.03	7.34	7.47	7.54	7.61	7.59
		-5	6.41	6.60	6.70	6.72	6.75	9.93
		-10	6.18	5.39	6.34	6.35	6.35	6.30
		-20	5.43	5.50	5.53	5.53	5.50	5.40
		-30	4.83	4.85	4.86	4.85	4.80	–
		-40	4.20	4.20	4.20	4.19	4.13	–
	34023BC2S 34023DC2S	10	12.8	13.7	14.1	14.4	14.7	15.0
		5	12.8	13.6	13.8	14.0	14.2	14.3
		0	12.1	12.7	12.9	12.9	13.0	13.1
		-5	11.6	12.0	12.2	12.2	12.3	12.1
		-10	10.4	9.17	10.8	10.8	10.8	10.6
		-20	9.29	9.38	9.43	9.41	9.36	9.20
		-30	7.88	7.90	7.91	7.90	7.80	–
		-40	6.36	6.38	6.38	6.36	6.27	–
	34035BC2S 34035DC2S	10	19.2	20.6	21.3	21.6	22.3	22.6
		5	19.6	20.6	21.3	21.4	21.8	21.9
		0	18.7	19.3	19.7	19.7	20.1	19.1
		-5	17.1	17.5	17.8	17.9	18.0	17.8
		-10	15.9	13.9	16.4	16.3	16.4	16.3
		-20	13.8	13.9	14.0	14.0	13.8	13.6
		-30	12.0	12.2	12.1	12.1	11.9	–
		-40	9.78	9.81	9.81	9.77	9.63	–
	34045BC2S 34045DC2S	10	24.6	26.4	27.3	27.7	28.5	28.9
		5	25.1	26.5	26.9	27.4	27.9	28.2
		0	23.9	24.9	25.4	25.5	25.8	25.7
		-5	22.0	22.6	23.0	23.0	23.1	23.0
		-10	20.5	17.8	21.0	21.0	20.9	20.9
		-20	17.6	17.8	17.9	17.9	17.8	17.5
		-30	15.3	15.5	15.5	15.6	15.4	-
		-40	12.6	12.7	12.6	12.6	12.4	-
	57060DC2S	10	33.8	36.4	37.6	38.2	39.2	39.8
		5	34.7	36.5	37.4	37.8	38.4	38.6
		0	33.1	34.5	35.2	35.3	35.8	35.7
		-5	31.0	32.0	32.4	32.4	32.7	32.4
		-10	29.3	25.7	30.3	30.2	30.4	30.0
		-20	25.6	25.8	26.0	25.8	25.8	25.3
		-30	22.3	22.4	22.4	22.4	22.2	–
		-40	19.5	19.5	19.5	19.5	19.2	–
	57080DC2S	10	45.2	48.6	50.3	51.1	52.4	53.2
		5	46.4	48.9	50.2	50.7	51.6	51.7
		0	44.5	46.3	47.1	47.4	48.0	47.8
		-5	41.2	42.3	42.9	43.1	43.3	43.0
		-10	39.2	34.5	40.4	40.5	40.5	40.0
		-20	34.0	34.5	34.6	34.6	34.3	33.7
		-30	29.9	30.1	30.1	30.0	29.7	–
		-40	26.0	26.0	26.0	25.9	25.5	–
	71110DC2S	10	64.3	68.2	70.4	71.5	73.4	74.4
		5	63.7	67.0	68.5	69.3	70.7	70.9
		0	61.7	64.2	65.3	65.9	66.4	66.2
		-5	58.0	59.6	60.4	60.7	60.9	70.2
		-10	53.8	47.3	55.5	55.7	55.6	55.1
		-20	48.9	49.4	49.6	49.6	49.1	48.4
		-30	42.2	42.3	42.4	42.2	41.8	–
		-40	36.8	36.9	37.0	36.8	36.4	–
	71140DC2S	10	79.1	85.1	87.9	89.3	91.9	92.9
		5	80.8	85.2	87.2	88.1	89.6	90.0
		0	77.2	80.4	81.8	82.3	83.2	83.0
		-5	72.5	74.2	75.2	75.6	75.9	75.7
		-10	68.9	60.7	71.1	71.3	71.3	70.6
		-20	61.1	61.8	62.1	62.0	61.5	60.6
		-30	52.8	53.2	53.3	53.0	52.5	–
		-40	46.7	46.8	46.8	46.9	45.9	–
	71160DC2S	10	90.5	97.3	101	102	105	106
		5	92.9	97.9	100	101	103	104
		0	89.2	92.8	94.3	95.0	96.0	95.9
		-5	83.1	85.6	86.7	87.1	87.4	86.8
		-10	78.4	80.2	81.0	81.1	81.0	80.2
		-20	69.4	70.9	71.1	71.1	70.5	69.4
		-30	60.4	61.1	60.9	60.7	60.1	–
		-40	53.5	53.8	53.6	53.5	52.7	–
	12220DC2S	10	125	135	139	142	145	146
		5	128	134	138	140	141	143
		0	122	128	130	130	131	132
		-5	115	118	120	120	121	119
		-10	109	95.4	112	113	112	111
		-20	95.0	96.1	96.5	96.5	95.7	94.1
		-30	83.4	84.0	84.1	83.9	82.9	–
		-40	73.5	73.7	73.7	73.5	72.5	–
	12270DC2S	10	153	162	168	170	175	178
		5	155	154	158	159	160	173
		0	149	154	158	159	160	161
		-5	140	143	145	145	146	145
		-10	132	115	136	135	135	136
		-20	115	118	118	118	117	115
		-30	101	102	102	102	101	–
		-40	89.1	89.4	89.4	89.1	87.9	–

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	12330DC2S	10	185	200	206	210	215	218
		5	191	200	206	207	211	213
		0	183	189	194	194	197	196
		-5	171	175	178	179	180	178
		-10	162	167	168	167	167	166
		-20	142	145	145	144	143	142
		-30	124	126	125	125	123	–
		-40	109	109	109	110	108	–
	12420DC2S	10	235	253	262	266	273	277
		5	241	253	261	264	268	270
		0	236	246	249	251	253	253
		-5	223	230	233	233	235	233
		-10	213	217	220	221	219	218
		-20	190	192	193	193	192	189
		-30	166	167	167	166	165	–
		-40	147	147	148	148	145	–
	12500DC2S	10	283	304	314	319	327	331
		5	290	305	312	315	320	322
		0	282	295	301	302	305	304
		-5	269	276	280	281	283	280
		-10	257	226	265	266	266	263
		-20	229	229	232	230	230	226
		-30	200	201	202	201	199	–
		-40	178	177	178	177	174	–

R463A-J
封入方式：C <-20～10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC3C 34006DC3C	10	3.52	3.74	3.82	3.85	3.88	3.82
		5	3.69	3.83	3.88	3.89	3.88	3.79
		0	3.66	3.76	3.78	3.78	3.74	3.63
		-5	3.51	3.56	3.56	3.55	3.49	3.37
		-10	2.89	2.91	2.91	2.89	2.83	2.72
		-20	2.61	2.60	2.58	2.56	2.48	2.37
	34013BC3C 34013DC3C	10	7.43	7.88	8.05	8.12	8.18	8.05
		5	7.77	8.08	8.18	8.21	8.18	8.00
		0	7.73	7.92	7.97	7.97	7.88	7.66
		-5	7.40	7.51	7.52	7.50	7.37	7.12
		-10	6.12	6.16	6.15	6.11	5.98	5.75
		-20	5.52	5.50	5.46	5.41	5.26	5.02
	34023BC3C 34023DC3C	10	12.8	13.5	13.8	13.9	14.0	13.8
		5	13.4	13.9	14.1	14.1	14.1	13.7
		0	13.3	13.6	13.7	13.7	13.6	13.2
		-5	12.8	12.9	13.0	12.9	12.7	12.3
		-10	10.6	10.6	10.6	10.6	10.3	9.95
		-20	9.56	9.53	9.45	9.38	9.10	8.70
	34035BC3C 34035DC3C	10	19.4	20.6	21.0	21.2	21.3	21.0
		5	20.3	21.1	21.4	21.5	21.4	20.9
		0	20.2	20.7	20.9	20.9	20.6	20.0
		-5	19.4	19.7	19.7	19.7	19.3	18.7
		-10	16.1	16.2	16.2	16.1	15.7	15.1
		-20	14.6	14.5	14.4	14.3	13.9	13.2
	34045BC3C 34045DC3C	10	24.9	26.4	27.0	27.2	27.4	27.0
		5	26.1	27.1	27.5	27.6	27.5	26.9
		0	26.0	26.6	26.8	26.8	26.5	25.7
		-5	24.9	25.3	25.3	25.2	24.8	24.0
		-10	20.7	20.8	20.8	20.7	20.2	19.4
		-20	18.7	18.6	18.5	18.3	17.8	17.0
	57060DC3C	10	34.3	36.3	37.1	37.4	37.7	37.1
		5	35.9	37.3	37.7	37.9	37.8	36.9
		0	35.7	36.6	36.8	36.8	36.4	35.4
		-5	34.3	34.8	34.8	34.7	34.1	33.0
		-10	28.4	28.6	28.6	28.4	27.8	26.7
		-20	25.7	25.6	25.4	25.2	24.5	23.4
	57080DC3C	10	45.9	48.7	49.7	50.2	50.5	49.8
		5	48.1	49.9	50.6	50.8	50.6	49.5
		0	47.8	49.0	49.3	49.3	48.8	47.4
		-5	45.8	46.5	46.6	46.4	45.6	44.1
		-10	37.9	38.2	38.1	37.9	37.1	35.7
		-20	34.3	34.1	33.9	33.6	32.6	31.2
	71110DC3C	10	63.0	66.8	68.2	68.8	69.3	68.3
		5	65.9	68.4	69.3	69.6	69.3	67.8
		0	65.4	67.0	67.4	67.4	66.7	64.8
		-5	62.5	63.4	63.5	63.3	62.2	60.1
		-10	51.4	51.8	51.7	51.4	50.3	48.4
		-20	46.3	46.2	45.8	45.4	44.1	42.1
	71140DC3C	10	79.8	84.6	86.5	87.2	87.8	86.5
		5	83.5	86.7	87.8	88.2	87.9	85.9
		0	83.0	85.0	85.5	85.5	84.6	82.2
		-5	79.4	80.5	80.6	80.4	79.0	76.4
		-10	65.4	65.9	65.7	65.4	64.0	61.5
		-20	59.0	58.8	58.3	57.8	56.2	53.7
	71160DC3C	10	91.9	97.4	99.5	100	101	99.6
		5	96.1	99.8	101	101	101	98.9
		0	95.5	97.8	98.4	98.4	97.4	94.6
		-5	91.3	92.6	92.7	92.5	90.9	87.8
		-10	75.2	75.7	75.6	75.2	73.5	70.8
		-20	67.8	67.6	67.0	66.5	64.5	61.7
	12220DC3C	10	127	134	137	138	139	137
		5	132	138	139	140	139	136
		0	131	135	136	136	134	130
		-5	126	127	128	127	125	121
		-10	103	104	104	103	101	97
		-20	93.0	92.7	92.0	91.2	88.5	84.6
	12270DC3C	10	155	164	168	169	171	168
		5	162	168	170	171	171	167
		0	161	165	166	166	164	159
		-5	154	156	156	156	153	148
		-10	126	127	127	126	124	119
		-20	114	113	113	112	108	104
	12330DC3C	10	188	199	204	206	207	204
		5	197	204	207	208	207	202
		0	195	200	201	201	199	193
		-5	187	189	190	189	186	180
		-10	153	154	154	153	150	144
		-20	138	138	137	135	131	126
	12420DC3C	10	238	253	258	260	262	258
		5	249	259	262	263	262	256
		0	247	253	255	255	252	245
		-5	236	240	240	239	235	227
		-10	194	196	195	194	190	183
		-20	175	174	173	172	167	159
	12500DC3C	10	287	304	310	313	315	311
		5	300	311	315	316	315	308
		0	297	305	307	307	303	295
		-5	284	288	289	288	283	273
		-10	234	235	235	234	228	220
		-20	210	210	208	206	200	191

R463A-J
封入方式：CL <-40～-10℃>

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
			凝縮温度 (℃)					
形式	番号		30	35	38	40	45	50
ATX-	34006BC3CL 34006DC3CL	-10	2.89	2.91	2.91	2.89	2.83	2.72
		-20	2.61	2.60	2.58	2.56	2.48	2.37
		-30	2.28	2.25	2.23	2.20	2.13	2.02
		-40	1.71	1.69	1.66	1.64	1.58	-
	34013BC3CL 34013DC3CL	-10	6.12	6.16	6.15	6.11	5.98	5.75
		-20	5.52	5.50	5.46	5.41	5.26	5.02
		-30	4.82	4.77	4.72	4.67	4.51	-
		-40	3.63	3.57	3.53	3.48	3.35	-
	34023BC3CL 34023DC3CL	-10	10.6	10.6	10.6	10.6	10.3	9.95
		-20	9.56	9.53	9.45	9.38	9.10	8.70
		-30	8.36	8.28	8.19	8.10	7.82	-
		-40	6.30	6.21	6.13	6.06	5.83	-
	34035BC3CL 34035DC3CL	-10	16.1	16.2	16.2	16.1	15.7	15.1
		-20	14.6	14.5	14.4	14.3	13.9	13.2
		-30	12.7	12.6	12.5	12.3	11.9	-
		-40	9.60	9.47	9.34	9.23	8.88	-
	34045BC3CL 34045DC3CL	-10	20.7	20.8	20.8	20.7	20.2	19.4
		-20	18.7	18.6	18.5	18.3	17.8	17.0
		-30	16.3	16.2	16.0	15.8	15.3	-
		-40	12.3	12.1	12.0	11.8	11.4	-
	57060DC3CL	-10	28.4	28.6	28.6	28.4	27.8	26.7
		-20	25.7	25.6	25.4	25.2	24.5	23.4
		-30	22.5	22.3	22.0	21.8	21.0	-
		-40	17.0	16.7	16.5	16.3	15.7	-
	57080DC3CL	-10	37.9	38.2	38.1	37.9	37.1	35.7
		-20	34.3	34.1	33.9	33.6	32.6	31.2
		-30	29.9	29.6	29.3	29.0	28.0	-
		-40	22.5	22.2	21.9	21.7	20.8	-
	71110DC3CL	-10	51.4	51.8	51.7	51.4	50.3	48.4
		-20	46.3	46.2	45.8	45.4	44.1	42.1
		-30	40.4	39.9	39.5	39.1	37.7	-
		-40	30.3	29.8	29.4	29.1	28.0	-
	71140DC3CL	-10	65.4	65.9	65.7	65.4	64.0	61.5
		-20	59.0	58.8	58.3	57.8	56.2	53.7
		-30	51.5	50.9	50.4	49.8	48.1	-
		-40	38.6	38.1	37.6	37.1	35.7	-
	71160DC3CL	-10	75.2	75.7	75.6	75.2	73.5	70.8
		-20	67.8	67.6	67.0	66.5	64.5	61.7
		-30	59.1	58.5	57.9	57.2	55.3	-
		-40	44.4	43.7	43.1	42.6	41.0	-
	12220DC3CL	-10	103	104	104	103	101	97.2
		-20	93.0	92.7	92.0	91.2	88.5	84.6
		-30	81.0	80.2	79.3	78.5	75.8	-
		-40	60.7	59.9	59.1	58.3	56.2	-
	12270DC3CL	-10	126	127	127	126	124	119
		-20	114	113	113	112	108	104
		-30	99.1	98.1	97.0	96.0	92.7	-
		-40	74.3	73.2	72.2	71.4	68.7	-
	12330DC3CL	-10	153	154	154	153	150	144
		-20	138	138	137	135	131	126
		-30	120	119	118	117	113	-
		-40	90.2	88.9	87.7	86.6	83.4	-
	12420DC3CL	-10	194	196	195	194	190	183
		-20	175	174	173	172	167	159
		-30	152	151	149	148	143	-
		-40	114	113	111	110	106	-
	12500DC3CL	-10	234	235	235	234	228	220
		-20	210	210	208	206	200	191
		-30	183	181	179	177	171	-
		-40	137	135	134	132	127	-