

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

压力损失 (MPa)											
蒸发温度 (°C)	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

压力损失 (MPa)											
蒸发温度 (°C)	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

压力损失 (MPa)											
蒸发温度 (°C)	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

CTX 能力表

R134a

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
形式	番号		凝縮温度 (℃)					
			30	35	38	40	45	50
CTX-	34006BM 34006DM	10	2.34	2.49	2.58	2.61	2.73	2.79
		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
	34013BM 34013DM	10	5.33	5.79	6.00	6.11	6.34	6.43
		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
	34023BM 34023DM	10	9.29	10.1	10.4	10.6	11.0	11.3
		0	8.32	9.09	8.92	9.00	9.19	9.26
		-5	7.57	7.85	7.99	8.05	7.79	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
	34035BM 34035DM	10	14.3	15.5	16.0	16.3	16.9	17.4
		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
	34045BM 34045DM	10	18.5	19.8	20.6	20.8	21.6	22.3
		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
	57060DM	10	24.5	26.5	27.6	27.9	29.1	29.8
		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
	57080DM	10	32.3	34.9	36.3	36.9	38.4	39.3
		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	27.2	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
	71110DM	10	43.5	47.1	48.8	49.7	51.6	52.8
		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
	71140DM	10	55.4	59.9	62.1	63.3	65.7	67.1
		0	51.3	53.7	54.9	55.5	56.5	57.0
		-5	47.3	49.0	49.8	50.0	50.6	50.0
		-10	42.6	43.8	44.4	44.5	45.0	44.0
		-20	35.0	37.1	37.4	37.4	37.3	37.0
		-30	31.6	32.0	32.2	32.3	32.1	31.7
	71160DM	10	63.8	69.2	71.8	72.9	75.0	76.2
		0	58.4	61.3	62.6	63.3	64.4	64.0
		-5	53.6	55.7	56.6	57.1	57.7	58.0
		-10	48.5	50.2	50.9	51.2	51.6	51.0
		-20	41.3	42.1	42.6	42.6	42.7	42.0
		-30	36.2	36.5	36.8	36.9	36.8	36.3
	12220DM	10	90.8	98.4	102	104	108	110
		0	71.2	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
	12270DM	10	109	117	122	124	129	133
		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
	12330DM	10	134	143	149	151	158	162
		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
	12420DM	10	172	185	193	195	204	213
		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
	12500DM	10	202	219	228	230	241	245
		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

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
形式	番号		凝縮温度 (℃)					
			30	35	38	40	45	50
CTX-	34006BU 34006DU	-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	—
	34013BU 34013DU	-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	—
	34023BU 34023DU	-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	—
	34035BU 34035DU	-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	—
	34045BU 34045DU	-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	—
	57060DU	-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	—
	57080DU	-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	—
	71110DU	-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	—
	71140DU	-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	—
	71160DU	-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	—
	12220DU	-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	—	
12270DU	-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	—	
12330DU	-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	—	
12420DU	-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	—	
12500DU	-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	—	

R407C

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
形式	番号		凝縮温度 (℃)					
			30	35	38	40	45	50
CTX-	34006BP 34006DP	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	-
		0	6.62	6.90	7.01	7.06	7.12	7.08
	34013BP 34013DP	-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	-
		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
	34023BP 34023DP	-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	-
		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
	34035BP 34035DP	-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	-
	34045BP 34045DP	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	-
		0	31.2	32.4	33.0	33.1	33.5	33.3
	57060DP	-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	-
	57080DP	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	-
		0	58.1	60.3	61.3	61.7	62.1	61.8
	71110DP	-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	-
	71140DP	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	-
	71160DP	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	-
	12220DP	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	-
	12270DP	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	-
	12330DP	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	-
	12420DP	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	-
	12500DP	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

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
形式	番号		凝縮温度 (℃)					
			30	35	38	40	45	50
CTX-	34006BC1 34006DC1	0	2.91	3.02	3.02	3.04	3.02	2.99
		-5	2.83	2.87	2.87	2.87	2.83	2.80
		-10	2.49	2.53	2.53	2.52	2.48	2.45
		-20	1.96	1.94	1.93	1.92	1.87	1.82
		-30	1.58	1.56	1.56	1.54	1.50	-
		-40	1.31	1.28	1.27	1.26	1.21	-
	34013BC1 34013DC1	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	5.02	5.10	5.08	5.08	4.99	4.89
		-20	4.15	4.19	4.16	4.14	4.02	3.92
		-30	3.62	3.61	3.57	3.54	3.43	-
		-40	3.12	3.08	3.05	3.03	2.91	-
	34023BC1 34023DC1	0	10.3	10.7	10.7	10.8	10.7	10.6
		-5	9.79	10.0	10.0	10.0	9.86	9.64
		-10	8.40	8.53	8.50	8.48	8.33	8.19
		-20	7.30	7.37	7.30	7.27	7.07	6.88
		-30	5.90	5.88	5.82	5.78	5.59	-
		-40	4.71	4.68	4.63	4.59	4.43	-
	34035BC1 34035DC1	0	15.7	16.3	16.4	16.4	16.4	16.1
		-5	15.5	15.7	15.7	15.7	15.5	15.2
		-10	13.3	13.4	13.4	13.3	13.1	12.9
		-20	11.7	11.7	11.6	11.6	11.2	11.0
		-30	8.97	9.01	8.87	8.88	8.52	-
		-40	7.25	7.20	7.11	7.05	6.80	-
	34045BC1 34045DC1	0	20.2	21.1	21.1	21.2	21.0	20.7
		-5	20.0	20.3	20.2	20.1	19.9	19.6
		-10	16.9	17.3	17.3	17.2	16.8	16.5
		-20	14.8	14.9	14.9	14.8	14.4	14.0
		-30	11.5	11.5	11.5	11.4	11.0	-
		-40	9.35	9.29	9.15	9.08	8.78	-
	57060DC1	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	24.4	24.7	24.6	24.5	24.0	23.7
		-20	20.0	20.2	20.0	19.9	19.4	18.9
		-30	16.7	16.7	16.5	16.4	15.9	-
		-40	14.4	14.3	14.2	14.1	13.5	-
	57080DC1	0	37.5	39.1	39.1	39.2	39.1	38.4
		-5	36.1	36.9	36.9	37.0	36.4	35.7
		-10	31.9	31.1	31.1	31.0	30.5	31.1
		-20	26.9	27.0	26.9	26.8	26.0	25.4
		-30	22.4	22.4	22.1	21.9	21.2	-
		-40	19.3	19.1	18.9	18.7	18.0	-
	71110DC1	0	51.6	53.5	53.7	53.9	53.7	53.0
		-5	49.3	50.3	50.2	50.3	49.6	48.6
		-10	43.7	44.4	44.2	44.2	43.4	42.5
		-20	36.3	36.4	36.1	35.9	34.9	34.0
		-30	31.5	31.4	31.1	30.9	29.9	-
		-40	27.2	27.1	26.8	26.6	25.6	-
	71140DC1	0	65.6	68.4	68.5	68.7	68.4	67.4
		-5	62.7	64.0	63.9	63.9	63.0	61.8
		-10	54.9	55.9	55.7	55.5	54.6	53.4
		-20	47.1	47.5	47.1	46.8	45.7	44.4
		-30	39.6	39.5	39.1	38.8	37.6	-
		-40	34.7	34.4	34.0	33.9	32.4	-
	71160DC1	0	75.3	78.5	78.5	78.8	78.5	77.4
		-5	71.8	73.5	73.2	73.3	72.3	70.9
		-10	63.3	64.5	64.2	64.2	63.0	61.6
		-20	54.0	54.3	53.9	53.6	52.1	50.8
		-30	45.2	45.2	44.8	44.4	43.0	-
		-40	39.6	39.4	38.9	38.6	37.2	-
	12220DC1	0	102	107	106	106	106	105
		-5	99	101	101	101	99.5	97.3
		-10	87.2	88.8	88.4	88.3	86.8	84.9
		-20	72.7	73.2	72.7	72.3	70.3	68.5
		-30	62.4	62.5	61.8	61.4	59.3	-
		-40	54.4	54.1	53.5	53.0	51.1	-
	12270DC1	0	125	129	130	130	130	128
		-5	120	122	122	122	120	119
		-10	105	107	108	107	105	103
		-20	88.5	89.0	88.4	88.0	85.6	83.3
		-30	76.0	75.9	75.2	74.6	72.2	-
		-40	66.1	65.7	64.9	64.3	62.0	-
	12330DC1	0	153	159	159	160	159	157
		-5	147	150	150	151	148	146
		-10	131	132	132	131	130	127
		-20	109	110	109	108	105	103
		-30	93.0	93.3	92.0	92.0	88.3	-
		-40	81.0	80.6	79.6	78.9	76.0	-
	12420DC1	0	195	202	203	203	202	200
		-5	189	193	193	193	191	188
		-10	164	167	167	167	163	160
		-20	139	139	139	138	134	131
		-30	125	124	123	122	118	-
		-40	108	108	108	107	102	-
	12500DC1	0	234	242	243	243	242	240
		-5	227	232	232	231	228	223
		-10	197	200	200	199	195	191
		-20	167	168	167	166	162	157
		-30	149	150	148	147	143	-
		-40	132	130	128	127	122	-

R449A

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
形式	番号		凝縮温度 (℃)					
			30	35	38	40	45	50
CTX-	34006BC1 34006DC1	0	2.87	2.95	2.98	3.00	2.99	2.94
		-5	2.70	2.73	2.76	2.75	2.73	2.69
		-10	2.46	2.48	2.49	2.48	2.45	2.41
		-20	1.93	1.91	1.90	1.89	1.85	1.79
		-30	1.55	1.54	1.53	1.52	1.49	-
		-40	1.29	1.25	1.25	1.23	1.19	-
	34013BC1 34013DC1	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	4.95	5.00	5.01	5.00	4.93	4.81
		-20	4.09	4.11	4.10	4.07	3.98	3.85
		-30	3.57	3.55	3.52	3.48	3.40	-
		-40	3.07	3.02	3.00	2.97	2.87	-
	34023BC1 34023DC1	0	10.2	10.5	10.6	10.7	10.6	10.4
		-5	9.35	9.47	9.55	9.56	9.51	9.27
		-10	8.29	8.36	8.37	8.36	8.24	8.05
		-20	7.20	7.24	7.20	7.16	7.00	6.77
		-30	5.82	5.77	5.73	5.68	5.53	-
		-40	4.64	4.60	4.55	4.51	4.37	-
	34035BC1 34035DC1	0	15.5	15.9	16.2	16.1	16.2	15.9
		-5	14.8	14.9	15.0	15.1	14.9	14.6
		-10	13.1	13.1	13.3	13.1	13.0	12.7
		-20	11.5	11.5	11.5	11.4	11.1	10.8
		-30	8.84	8.84	8.73	8.73	8.43	-
		-40	7.13	7.07	6.99	6.92	6.72	-
	34045BC1 34045DC1	0	20.0	20.7	20.8	20.9	20.8	20.3
		-5	19.1	19.3	19.4	19.3	19.2	18.8
		-10	16.7	16.9	17.0	17.0	16.6	16.2
		-20	14.6	14.7	14.7	14.5	14.3	13.8
		-30	11.3	11.3	11.3	11.2	10.9	-
		-40	9.20	9.11	9.00	8.91	8.67	-
	57060DC1	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	24.0	24.2	24.3	24.2	23.8	23.3
		-20	19.8	19.8	19.7	19.6	19.2	18.6
		-30	16.4	16.4	16.3	16.1	15.7	-
		-40	14.2	14.1	14.0	13.8	13.4	-
	57080DC1	0	37.0	38.2	38.6	38.6	38.7	37.9
		-5	34.5	35.2	35.4	35.5	35.1	34.4
		-10	31.5	30.5	30.6	30.5	30.2	30.6
		-20	26.5	26.6	26.5	26.4	25.7	24.9
		-30	22.1	21.9	21.8	21.6	21.0	-
		-40	19.0	18.7	18.5	18.4	17.8	-
	71110DC1	0	51.0	52.4	53.0	53.2	53.0	52.2
		-5	47.1	47.9	48.2	48.2	47.8	46.7
		-10	43.1	43.5	43.6	43.5	42.9	41.8
		-20	35.8	35.7	35.6	35.3	34.6	33.4
		-30	31.1	30.9	30.7	30.4	29.6	-
		-40	26.8	26.6	26.4	26.1	25.3	-
	71140DC1	0	64.8	66.9	67.6	67.7	67.6	66.4
		-5	59.9	60.9	61.3	61.3	60.8	59.4
		-10	54.1	54.8	54.9	54.7	54.0	52.5
		-20	46.5	46.6	46.4	46.1	45.2	43.7
		-30	39.0	38.8	38.5	38.1	37.2	-
		-40	34.1	33.7	33.4	33.3	32.0	-
	71160DC1	0	74.4	76.8	77.5	77.7	77.6	76.2
		-5	68.6	70.0	70.3	70.3	69.7	68.1
		-10	62.4	63.2	63.3	63.2	62.3	60.6
		-20	53.3	53.3	53.1	52.8	51.6	49.9
		-30	44.6	44.4	44.1	43.7	42.5	-
		-40	39.0	38.7	38.3	37.9	36.7	-
	12220DC1	0	101	104	105	105	105	103
		-5	94.4	96.6	97.3	97.4	96.0	93.5
		-10	86.0	87.1	87.2	86.9	85.8	83.5
		-20	71.8	71.9	71.6	71.1	69.6	67.3
		-30	61.5	61.3	60.8	60.4	58.7	-
		-40	53.6	53.1	52.6	52.0	50.5	-
	12270DC1	0	123	126	128	128	129	126
		-5	115	117	117	117	116	114
		-10	104	105	107	106	104	101
		-20	87.3	87.4	87.1	86.6	84.8	81.9
		-30	74.9	74.5	74.0	73.4	71.4	-
		-40	65.0	64.4	63.8	63.1	61.3	-
	12330DC1	0	151	155	157	158	157	155
		-5	141	143	144	145	143	140
		-10	129	130	130	129	128	125
		-20	107	108	108	107	104	101
		-30	91.6	91.7	90.5	90.5	87.4	-
		-40	79.7	79.1	78.2	77.4	75.1	-
	12420DC1	0	192	197	200	200	200	197
		-5	180	184	186	185	184	180
		-10	162	164	165	164	161	157
		-20	137	137	137	136	132	129
		-30	123	121	121	120	117	-
		-40	107	106	106	105	101	-
	12500DC1	0	231	237	240	239	239	237
		-5	217	220	223	222	220	214
		-10	194	196	197	196	193	188
		-20	165	165	165	163	160	155
		-30	147	147	146	145	141	-
		-40	129	127	126	125	121	-

R407H

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)					
形式	番号		凝縮温度 (℃)					
			30	35	38	40	45	50
CTX-	34006BC2 34006DC2	0	3.25	3.44	3.59	3.65	3.68	3.74
		-5	3.21	3.34	3.45	3.49	3.52	3.52
		-10	2.98	2.68	3.19	3.21	3.23	3.23
		-20	2.68	2.73	2.76	2.76	2.76	2.75
		-30	2.21	2.22	2.25	2.24	2.26	-
		-40	1.90	1.88	1.90	1.91	1.89	-
	34013BC2 34013DC2	0	6.82	7.27	7.57	7.71	7.78	7.88
		-5	6.31	6.60	6.82	6.89	6.95	7.01
		-10	6.14	5.44	6.49	6.54	6.58	6.61
		-20	5.68	5.77	5.83	5.83	5.84	5.79
		-30	5.07	5.13	5.17	5.16	5.16	-
		-40	4.51	4.54	4.58	4.57	4.56	-
	34023BC2 34023DC2	0	11.8	12.5	13.1	13.2	13.3	13.6
		-5	11.4	12.0	12.4	12.5	12.7	12.7
		-10	10.4	10.8	11.1	11.1	11.2	11.1
		-20	9.71	9.84	9.94	9.93	9.95	9.87
		-30	8.28	8.35	8.41	8.40	8.40	-
		-40	6.82	6.90	6.95	6.94	6.93	-
	34035BC2 34035DC2	0	18.1	19.1	20.0	20.2	20.6	20.8
		-5	16.9	17.5	18.2	18.3	18.5	18.6
		-10	15.8	16.4	16.7	16.8	17.0	17.1
		-20	14.4	14.6	14.7	14.8	14.7	14.6
		-30	12.6	12.9	12.8	12.9	12.8	-
		-40	10.5	10.6	10.7	10.7	10.7	-
	34045BC2 34045DC2	0	23.2	24.7	25.7	26.1	26.3	26.7
		-5	21.7	22.6	23.4	23.6	23.8	24.0
		-10	20.3	21.0	21.5	21.6	21.7	21.9
		-20	18.4	18.7	18.9	18.8	18.9	18.8
		-30	16.1	16.4	16.5	16.5	16.5	-
		-40	13.5	13.7	13.7	13.7	13.7	-
	57060DC2	0	32.2	34.1	35.7	36.1	36.6	37.1
		-5	30.5	32.0	33.0	33.3	33.6	33.9
		-10	29.1	30.3	31.0	31.1	31.4	31.5
		-20	26.7	27.1	27.4	27.2	27.4	27.1
		-30	23.5	23.7	23.8	23.8	23.9	-
		-40	20.9	21.1	21.2	21.3	21.2	-
	57080DC2	0	43.2	45.8	47.8	48.5	49.1	49.6
		-5	40.5	42.3	43.7	44.2	44.5	44.9
		-10	39.0	40.4	41.4	41.7	41.9	42.0
		-20	35.5	36.2	36.4	36.5	36.4	36.2
		-30	31.5	31.9	32.0	31.9	31.9	-
		-40	27.9	28.1	28.3	28.3	28.2	-
	71110DC2	0	59.9	63.5	66.2	67.4	67.9	68.8
		-5	57.1	59.6	61.6	62.3	62.7	63.2
		-10	53.5	55.4	56.8	57.3	57.5	57.8
		-20	51.1	51.9	52.3	52.3	52.2	51.9
		-30	44.3	44.7	45.0	44.9	45.0	-
		-40	39.4	39.9	40.2	40.1	40.2	-
	71140DC2	0	74.9	79.5	82.9	84.2	85.1	86.1
		-5	71.4	74.2	76.6	77.6	78.2	79.1
		-10	68.5	71.2	72.8	73.3	73.8	74.1
		-20	63.8	64.8	65.4	65.4	65.4	64.9
		-30	55.5	56.2	56.6	56.4	56.5	-
		-40	50.0	50.6	51.0	51.2	50.8	-
	71160DC2	0	86.6	91.9	95.6	97.2	98.2	99.6
		-5	81.8	85.6	88.3	89.3	90.0	90.6
		-10	78.0	80.9	82.9	83.5	83.9	84.1
		-20	72.5	74.3	74.9	75.0	74.9	74.4
		-30	63.5	64.6	64.7	64.6	64.7	-
		-40	57.3	58.3	58.4	58.4	58.3	-
	12220DC2	0	119	126	132	133	134	137
		-5	113	118	122	123	125	124
		-10	108	112	115	116	116	116
		-20	99.2	101	102	102	102	101
		-30	87.6	88.9	89.4	89.3	89.2	-
		-40	78.8	79.8	80.2	80.2	80.2	-
	12270DC2	0	144	153	160	163	164	167
		-5	138	143	148	149	150	151
		-10	131	135	139	139	140	142
		-20	121	124	125	125	125	123
		-30	107	108	109	108	108	-
		-40	95.6	96.7	97.3	97.2	97.3	-
	12330DC2	0	177	188	197	199	201	204
		-5	169	175	182	183	185	186
		-10	161	167	172	172	173	174
		-20	149	152	153	152	152	152
		-30	131	133	133	133	133	-
		-40	117	118	119	120	119	-
	12420DC2	0	229	243	253	257	259	263
		-5	220	230	237	239	241	243
		-10	212	219	226	227	227	229
		-20	199	201	204	203	204	203
		-30	175	176	178	177	177	-
		-40	157	159	162	161	160	-
	12500DC2	0	274	292	305	309	312	316
		-5	265	276	285	289	291	293
		-10	255	265	271	273	275	276
		-20	239	241	245	243	244	242
		-30	210	213	214	214	214	-
		-40	191	192	193	193	193	-

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)								
			入口側圧力 (MPa)								
1.32 (30℃相当)			1.70 (40℃相当)			2.22 (50℃相当)					
形式	番号		ホットガス温度 (℃)								
			60	80	100	60	80	100	60	80	100
CTX-	34006BU 34006DU	0	0.37	0.37	0.35	0.45	0.42	0.42	0.53	0.50	0.50
		-10	0.37	0.35	0.35	0.42	0.42	0.40	0.60	0.50	0.47
		-20	0.35	0.35	0.35	0.42	0.40	0.40	0.60	0.47	0.45
		-30	0.35	0.35	0.32	0.40	0.40	0.37	0.47	0.45	0.45
		-40	0.35	0.32	0.32	0.40	0.37	0.37	0.45	0.45	0.42
	34013BU 34013DU	0	0.77	0.75	0.72	0.87	0.87	0.82	1.05	1.02	1.00
		-10	0.75	0.72	0.72	0.87	0.85	0.82	1.02	1.00	0.97
		-20	0.72	0.72	0.70	0.82	0.80	0.80	1.00	0.95	0.92
		-30	0.72	0.70	0.67	0.80	0.80	0.77	0.95	0.92	0.90
		-40	0.70	0.67	0.65	0.80	0.75	0.75	0.92	0.90	0.87
	34023BU 34023DU	0	1.32	1.27	1.25	1.52	1.47	1.42	1.80	1.74	1.70
		-10	1.30	1.25	1.22	1.47	1.42	1.40	1.73	1.70	1.65
		-20	1.25	1.22	1.17	1.42	1.37	1.35	1.68	1.63	1.60
		-30	1.22	1.17	1.15	1.37	1.35	1.30	1.63	1.58	1.54
		-40	1.17	1.15	1.12	1.35	1.30	1.25	1.58	1.52	1.47
	34035BU 34035DU	0	1.87	1.82	1.78	2.14	2.07	2.02	2.52	2.47	2.39
		-10	1.82	1.78	1.73	2.07	2.02	2.68	2.44	2.39	2.32
		-20	1.78	1.73	1.68	2.02	1.95	1.92	2.37	2.32	2.24
		-30	1.73	1.68	1.63	1.95	1.9	1.85	2.29	2.22	2.17
		-40	1.68	1.63	1.58	1.9	1.82	1.78	2.22	2.14	2.07
	34045BU 34045DU	0	2.40	2.34	2.27	2.78	2.68	2.59	3.24	3.17	3.07
		-10	2.34	2.27	2.22	2.68	2.59	2.54	3.15	3.07	3.99
		-20	2.27	2.20	2.14	2.59	2.49	2.47	3.05	2.99	2.90
		-30	2.22	2.14	2.09	2.49	2.44	2.37	2.95	2.85	2.80
		-40	2.14	2.07	2.02	2.44	2.34	2.27	2.85	2.78	2.68
	57060DU	0	2.95	2.85	2.78	3.34	3.27	3.17	3.97	3.87	3.75
		-10	2.88	2.80	2.70	3.27	3.17	3.10	3.85	3.75	3.65
		-20	2.80	2.70	2.63	3.17	3.07	3.00	3.75	3.61	3.51
		-30	2.70	2.63	2.54	3.07	3.00	2.90	3.70	3.50	3.42
		-40	2.63	2.54	2.47	2.97	2.88	2.80	3.46	3.37	3.27
	57080DU	0	3.80	3.68	3.56	4.31	4.05	4.03	5.11	5.00	4.85
		-10	3.70	3.60	3.49	4.22	4.12	4.00	4.97	4.85	4.72
		-20	3.60	3.49	3.39	4.10	3.97	3.87	4.82	4.66	4.54
		-30	3.49	3.39	3.29	3.97	3.85	3.75	4.64	4.52	4.39
		-40	3.39	3.29	3.20	3.85	3.73	3.61	4.47	4.35	4.22
	71110DU	0	4.52	4.37	4.25	5.15	5.02	4.85	6.09	5.94	5.77
		-10	4.39	4.27	4.15	5.02	4.87	4.75	5.89	5.77	5.59
		-20	4.27	4.15	4.05	4.85	4.72	4.59	5.72	5.57	5.39
		-30	4.15	4.02	3.92	4.72	4.57	4.44	5.52	5.37	5.22
		-40	4.02	3.90	3.80	4.64	4.42	4.30	5.32	5.17	5.02
	71140DU	0	5.49	5.32	5.20	6.27	6.10	5.92	7.38	7.24	7.02
		-10	5.34	5.20	5.05	6.09	5.94	5.77	7.17	7.02	6.82
		-20	5.20	5.05	4.92	5.92	5.74	5.59	6.97	6.77	6.59
		-30	5.05	4.90	4.77	5.74	5.57	5.42	6.74	6.54	6.37
		-40	4.90	4.77	4.62	5.54	5.37	5.22	6.47	6.29	6.09
	71160DU	0	6.44	6.24	6.07	7.31	7.17	6.94	8.66	8.52	8.24
		-10	6.27	6.09	5.91	7.17	6.97	6.77	8.45	8.24	8.02
		-20	6.09	5.92	5.77	6.94	6.74	6.57	8.17	7.95	7.74
		-30	5.92	5.74	5.59	6.74	6.54	6.37	7.88	7.67	7.46
		-40	5.74	5.59	5.42	6.52	6.29	6.14	7.60	7.38	7.17
	12220DU	0	8.95	8.59	8.31	10.1	9.80	9.59	12.0	11.7	11.3
		-10	8.66	8.45	8.17	9.80	9.59	9.30	11.6	11.3	10.9
		-20	8.45	8.17	7.95	9.59	9.23	9.09	11.2	10.9	10.7
		-30	8.17	7.95	7.74	9.23	9.02	8.73	10.9	10.6	10.3
		-40	7.95	7.67	7.46	9.02	8.66	8.45	10.5	10.2	9.80
	12270DU	0	10.9	10.5	10.2	12.4	12.1	11.7	14.6	14.3	13.9
		-10	10.6	10.3	10.0	12.1	11.7	11.4	14.2	13.9	13.5
		-20	10.3	10.0	9.73	11.7	11.3	11.1	13.8	13.4	13.0
		-30	10.0	9.66	9.44	11.3	11.0	10.7	13.3	12.9	12.6
		-40	9.66	9.44	9.16	11.0	10.7	10.3	12.8	12.5	12.1
	12330DU	0	13.1	12.7	12.4	15.0	14.6	14.2	17.7	17.3	16.8
		-10	12.8	12.4	12.1	14.6	14.2	13.8	17.1	16.8	16.3
		-20	12.4	12.1	11.7	14.2	13.7	13.4	16.6	16.1	15.7
		-30	12.1	11.7	11.4	13.7	13.3	13.0	16.1	15.6	15.2
		-40	11.7	11.3	11.1	13.2	12.8	12.5	15.4	15.1	14.6
	12420DU	0	14.8	14.3	13.9	16.8	16.3	15.8	19.9	19.4	18.8
		-10	14.3	14.0	13.6	16.3	15.9	15.4	19.3	18.8	18.3
		-20	14.0	13.6	13.2	15.8	15.4	15.1	18.7	18.2	17.7
		-30	13.6	13.1	12.8	15.4	15.0	14.6	18.1	17.6	17.1
		-40	13.1	12.8	12.5	15.0	14.5	14.1	17.3	16.9	16.3
	12500DU	0	15.6	15.1	14.7	17.7	17.3	16.8	21.0	20.5	19.8
		-10	15.1	14.7	14.3	17.3	16.8	16.3	20.3	19.8	19.2
		-20	14.7	14.3	13.9	16.8	16.8	15.8	19.7	19.2	18.6
		-30	14.3	13.9	13.6	16.3	15.8	15.3	19.0	18.5	18.0
		-40	13.9	13.5	13.1	15.7	15.2	14.8	18.3	17.8	17.3

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)								
			入口側圧力 (MPa)								
1.32 (30℃相当)			1.70 (40℃相当)			2.22 (50℃相当)					
ホットガス温度 (℃)											
形式	番号		60	80	100	60	80	100	60	80	100
CTX-	34006BC1 34006DC1	0	0.53	0.52	0.50	0.62	0.60	0.59	0.70	0.68	0.66
		-10	0.51	0.50	0.49	0.60	0.58	0.57	0.67	0.65	0.63
		-20	0.50	0.48	0.47	0.57	0.56	0.54	0.64	0.62	0.60
		-30	0.48	0.46	0.45	0.55	0.53	0.52	0.61	0.59	0.57
		-40	0.46	0.44	0.43	0.52	0.51	0.49	0.57	0.56	0.54
	34013BC1 34013DC1	0	1.06	1.03	1.00	1.24	1.21	1.17	1.40	1.36	1.32
		-10	1.03	1.00	0.97	1.20	1.16	1.13	1.34	1.30	1.27
		-20	0.99	0.96	0.94	1.15	1.12	1.09	1.28	1.24	1.21
		-30	0.95	0.93	0.90	1.10	1.07	1.04	1.21	1.18	1.15
		-40	0.91	0.89	0.86	1.05	1.02	0.99	1.15	1.12	1.09
	34023BC1 34023DC1	0	1.80	1.75	1.70	2.10	2.04	1.98	2.36	2.29	2.23
		-10	1.74	1.69	1.64	2.02	1.96	1.91	2.26	2.20	2.14
		-20	1.68	1.63	1.59	1.94	1.89	1.84	2.16	2.10	2.04
		-30	1.61	1.57	1.52	1.86	1.80	1.76	2.05	1.99	1.94
		-40	1.55	1.50	1.46	1.77	1.72	1.67	1.94	1.89	1.84
	34035BC1 34035DC1	0	2.53	2.46	2.39	2.96	2.87	2.79	3.33	3.23	3.14
		-10	2.45	2.38	2.32	2.85	2.77	2.69	3.19	3.10	3.01
		-20	2.36	2.30	2.23	2.74	2.66	2.59	3.05	2.96	2.88
		-30	2.27	2.21	2.15	2.62	2.54	2.47	2.89	2.81	2.73
		-40	2.18	2.12	2.06	2.50	2.42	2.36	2.74	2.66	2.59
	34045BC1 34045DC1	0	3.13	3.04	2.95	3.65	3.54	3.45	4.11	3.99	3.88
		-10	3.03	2.94	2.86	3.52	3.42	3.32	3.94	3.83	3.72
		-20	2.92	2.83	2.76	3.38	3.28	3.19	3.76	3.65	3.55
		-30	2.81	2.72	2.65	3.23	3.14	3.05	3.57	3.47	3.38
		-40	2.69	2.61	2.54	3.08	2.99	2.91	3.38	3.28	3.19
	57060DC1	0	3.97	3.86	3.75	4.63	4.50	4.38	5.22	5.07	4.93
		-10	3.84	3.73	3.63	4.47	4.34	4.22	5.00	4.86	4.73
		-20	3.71	3.60	3.50	4.29	4.17	4.05	4.78	4.64	4.51
		-30	3.56	3.46	3.37	4.10	3.99	3.88	4.54	4.41	4.29
		-40	3.42	3.32	3.23	3.91	3.80	3.70	4.29	4.17	4.05
	57080DC1	0	5.11	4.96	4.83	5.97	5.80	5.64	6.72	6.52	6.35
		-10	4.95	4.80	4.67	5.75	5.59	5.43	6.44	6.25	6.08
		-20	4.77	4.63	4.51	5.52	5.37	5.22	6.15	5.97	5.81
		-30	4.59	4.46	4.33	5.28	5.13	4.99	5.84	5.67	5.52
		-40	4.40	4.27	4.15	5.04	4.89	4.76	5.52	5.36	5.22
	71110DC1	0	6.08	5.91	5.74	7.10	6.89	6.71	7.99	7.76	7.55
		-10	5.88	5.71	5.56	6.84	6.65	6.47	7.66	7.44	7.24
		-20	5.68	5.51	5.36	6.57	6.38	6.21	7.31	7.10	6.91
		-30	5.46	5.30	5.16	6.29	6.11	5.94	6.95	6.75	6.56
		-40	5.23	5.08	4.94	5.99	5.82	5.66	6.57	6.38	6.21
	71140DC1	0	7.41	7.20	7.00	8.65	8.40	8.17	9.73	9.45	9.20
		-10	7.17	6.96	6.77	8.34	8.10	7.88	9.34	9.07	8.82
		-20	6.92	6.72	6.53	8.01	7.78	7.57	8.91	8.65	8.42
		-30	6.65	6.46	6.28	7.66	7.44	7.24	8.47	8.22	8.00
		-40	6.37	6.19	6.02	7.30	7.09	6.90	8.01	7.78	7.56
	71160DC1	0	8.67	8.43	8.20	10.1	9.84	9.57	11.4	11.1	10.8
		-10	8.39	8.15	7.93	9.76	9.48	9.22	10.9	10.6	10.3
		-20	8.10	7.87	7.65	9.38	9.11	8.86	10.4	10.1	9.86
		-30	7.79	7.56	7.36	8.97	8.71	8.47	9.91	9.63	9.37
		-40	7.46	7.25	7.05	8.55	8.30	8.08	9.37	9.10	8.86
	12220DC1	0	11.9	11.6	11.3	13.9	13.5	13.2	15.7	15.2	14.8
		-10	11.6	11.2	10.9	13.4	13.1	12.7	15.0	14.6	14.2
		-20	11.1	10.8	10.5	12.9	12.5	12.2	14.4	14.0	13.6
		-30	10.7	10.4	10.1	12.3	12.0	11.7	13.6	13.3	12.9
		-40	10.3	9.98	9.71	11.8	11.4	11.1	12.9	12.5	12.2
	12270DC1	0	14.6	14.2	13.8	17.0	16.5	16.1	19.2	18.6	18.1
		-10	14.1	13.7	13.3	16.4	15.9	15.5	18.4	17.8	17.4
		-20	13.6	13.2	12.9	15.8	15.3	14.9	17.5	17.0	16.6
		-30	13.1	12.7	12.4	15.1	14.6	14.2	16.7	16.2	15.7
		-40	12.5	12.2	11.9	14.4	14.0	13.6	15.8	15.3	14.9
	12230DC1	0	17.6	17.1	16.6	20.5	20.0	19.4	23.1	22.5	21.8
		-10	17.0	16.5	16.1	19.8	19.2	18.7	22.2	21.5	21.0
		-20	16.4	16.0	15.5	19.0	18.5	18.0	21.2	20.6	20.0
		-30	15.8	15.3	14.9	18.2	17.7	17.2	20.1	19.5	19.0
		-40	15.1	14.7	14.3	17.3	16.8	16.4	19.0	18.5	18.0
	12420DC1	0	19.8	19.2	18.7	23.1	22.5	21.9	26.0	25.3	24.6
		-10	19.2	18.6	18.1	22.3	21.7	21.1	25.0	24.3	23.6
		-20	18.5	18.0	17.5	21.4	20.8	20.2	23.8	23.2	22.5
		-30	17.8	17.3	16.8	20.5	19.9	19.4	22.6	22.0	21.4
		-40	17.1	16.6	16.1	19.5	19.0	18.5	21.4	20.8	20.2
	12500DC1	0	20.9	20.3	19.7	24.4	23.7	23.0	27.4	26.6	25.9
		-10	20.2	19.6	19.1	23.5	22.8	22.2	26.3	25.6	24.9
		-20	19.5	18.9	18.4	22.6	21.9	21.3	25.1	24.4	23.7
		-30	18.7	18.2	17.7	21.6	21.0	20.4	23.9	23.2	22.5
		-40	18.0	17.4	17.0	20.6	20.0	19.4	22.6	21.9	21.3

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)								
			入口側圧力 (MPa)								
1.32 (30℃相当)			1.70 (40℃相当)			2.22 (50℃相当)					
形式	番号		ホットガス温度 (℃)								
		60	80	100	60	80	100	60	80	100	
CTX-	34006BC1 34006DC1	0	0.54	0.53	0.51	0.63	0.61	0.60	0.71	0.69	0.67
		-10	0.52	0.51	0.49	0.61	0.59	0.57	0.68	0.66	0.64
		-20	0.50	0.49	0.48	0.58	0.57	0.55	0.65	0.63	0.61
		-30	0.48	0.47	0.46	0.56	0.54	0.53	0.62	0.60	0.58
		-40	0.46	0.45	0.44	0.53	0.52	0.50	0.58	0.56	0.55
	34013BC1 34013DC1	0	1.09	1.06	1.03	1.27	1.23	1.20	1.42	1.38	1.35
		-10	1.05	1.02	0.99	1.22	1.19	1.15	1.36	1.33	1.29
		-20	1.01	0.98	0.96	1.17	1.14	1.11	1.30	1.26	1.23
		-30	0.97	0.95	0.92	1.12	1.09	1.06	1.24	1.20	1.17
		-40	0.93	0.91	0.88	1.07	1.04	1.01	1.17	1.13	1.10
	34023BC1 34023DC1	0	1.85	1.79	1.74	2.15	2.09	2.03	2.42	2.35	2.28
		-10	1.79	1.73	1.69	2.07	2.01	1.96	2.32	2.25	2.19
		-20	1.72	1.67	1.63	1.99	1.93	1.88	2.21	2.15	2.09
		-30	1.65	1.61	1.56	1.90	1.85	1.80	2.10	2.04	1.98
		-40	1.59	1.54	1.50	1.81	1.76	1.71	1.98	1.93	1.87
	34035BC1 34035DC1	0	2.60	2.53	2.46	3.03	2.94	2.86	3.41	3.31	3.22
		-10	2.52	2.44	2.38	2.92	2.84	2.76	3.27	3.17	3.09
		-20	2.43	2.36	2.29	2.80	2.72	2.65	3.12	3.03	2.94
		-30	2.33	2.26	2.20	2.68	2.60	2.53	2.96	2.87	2.79
		-40	2.23	2.17	2.11	2.55	2.48	2.41	2.79	2.71	2.64
	34045BC1 34045DC1	0	3.21	3.12	3.03	3.74	3.63	3.54	4.21	4.08	3.97
		-10	3.11	3.02	2.93	3.61	3.50	3.41	4.03	3.92	3.81
		-20	3.00	2.91	2.83	3.46	3.36	3.27	3.85	3.74	3.63
		-30	2.88	2.80	2.72	3.31	3.21	3.13	3.65	3.55	3.45
		-40	2.76	2.68	2.60	3.15	3.06	2.98	3.45	3.35	3.26
	57060DC1	0	4.08	3.96	3.85	4.75	4.62	4.49	5.34	5.19	5.05
		-10	3.94	3.83	3.73	4.58	4.45	4.33	5.12	4.97	4.84
		-20	3.80	3.69	3.59	4.40	4.27	4.15	4.88	4.74	4.62
		-30	3.66	3.55	3.45	4.20	4.08	3.97	4.64	4.50	4.38
		-40	3.50	3.40	3.31	4.00	3.89	3.78	4.38	4.25	4.14
	57080DC1	0	5.25	5.10	4.96	6.12	5.94	5.78	6.88	6.68	6.50
		-10	5.08	4.93	4.80	5.90	5.73	5.57	6.59	6.40	6.23
		-20	4.90	4.76	4.63	5.66	5.50	5.35	6.29	6.11	5.94
		-30	4.71	4.57	4.45	5.41	5.25	5.11	5.97	5.80	5.64
		-40	4.51	4.38	4.26	5.15	5.00	4.87	5.64	5.48	5.33
	71110DC1	0	6.24	6.06	5.90	7.28	7.07	6.88	8.18	7.94	7.73
		-10	6.04	5.87	5.71	7.01	6.81	6.63	7.84	7.62	7.41
		-20	5.83	5.66	5.50	6.73	6.54	6.36	7.48	7.27	7.07
		-30	5.60	5.44	5.29	6.44	6.25	6.08	7.10	6.90	6.71
		-40	5.36	5.21	5.07	6.13	5.95	5.79	6.71	6.51	6.34
	71140DC1	0	7.61	7.39	7.19	8.87	8.61	8.38	9.97	9.68	9.42
		-10	7.36	7.15	6.95	8.55	8.30	8.07	9.55	9.28	9.03
		-20	7.10	6.89	6.71	8.20	7.97	7.75	9.12	8.85	8.61
		-30	6.82	6.62	6.44	7.84	7.62	7.41	8.65	8.40	8.18
		-40	6.53	6.35	6.17	7.47	7.25	7.06	8.17	7.94	7.72
	71160DC1	0	8.91	8.65	8.42	10.4	10.1	9.81	11.7	11.3	11.0
		-10	8.62	8.37	8.14	10.0	9.72	9.45	11.2	10.9	10.6
		-20	8.31	8.07	7.85	9.61	9.33	9.08	10.7	10.4	10.1
		-30	7.99	7.76	7.55	9.18	8.92	8.68	10.1	9.84	9.57
		-40	7.65	7.43	7.23	8.74	8.49	8.26	9.57	9.29	9.04
	12220DC1	0	12.3	11.9	11.6	14.3	13.9	13.5	16.1	15.6	15.2
		-10	11.9	11.5	11.2	13.8	13.4	13.0	15.4	15.0	14.6
		-20	11.4	11.1	10.8	13.2	12.8	12.5	14.7	14.3	13.9
		-30	11.0	10.7	10.4	12.6	12.3	11.9	13.9	13.5	13.2
		-40	10.5	10.2	9.95	12.0	11.7	11.4	13.2	12.8	12.4
	12270DC1	0	15.0	14.5	14.2	17.5	17.0	16.5	19.6	19.1	18.5
		-10	14.5	14.1	13.7	16.8	16.3	15.9	18.8	18.3	17.8
		-20	14.0	13.6	13.2	16.1	15.7	15.3	17.9	17.4	17.0
		-30	13.4	13.0	12.7	15.4	15.0	14.6	17.0	16.5	16.1
		-40	12.9	12.5	12.2	14.7	14.3	13.9	16.1	15.6	15.2
	12230DC1	0	18.1	17.6	17.1	21.1	20.5	19.9	23.7	23.0	22.4
		-10	17.5	17.0	16.5	20.3	19.7	19.2	22.7	22.0	21.4
		-20	16.9	16.4	15.9	19.5	18.9	18.4	21.7	21.0	20.5
		-30	16.2	15.7	15.3	18.6	18.1	17.6	20.6	20.0	19.4
		-40	15.5	15.1	14.7	17.7	17.2	16.8	19.4	18.9	18.3
	12420DC1	0	20.4	19.8	19.2	23.7	23.0	22.4	26.7	25.9	25.2
		-10	19.7	19.1	18.6	22.9	22.2	21.6	25.6	24.8	24.1
		-20	19.0	18.4	17.9	21.9	21.3	20.7	24.4	23.7	23.0
		-30	18.2	17.7	17.2	21.0	20.4	19.8	23.1	22.5	21.9
		-40	17.5	17.0	16.5	20.0	19.4	18.9	21.9	21.2	20.7
	12500DC1	0	21.4	20.8	20.3	25.0	24.3	23.6	28.1	27.3	26.5
		-10	20.7	20.2	19.6	24.1	23.4	22.8	26.9	26.2	25.4
		-20	20.0	19.4	18.9	23.1	22.5	21.8	25.7	25.0	24.3
		-30	19.2	18.7	18.2	22.1	21.5	20.9	24.4	23.7	23.0
		-40	18.4	17.9	17.4	21.1	20.4	19.9	23.0	22.4	21.8

カタログ番号		蒸発温度 (℃)	冷凍能力 (kW)								
			入口側圧力 (MPa)								
1.32 (30℃相当)			1.70 (40℃相当)			2.22 (50℃相当)					
形式	番号		ホットガス温度 (℃)								
		60	80	100	60	80	100	60	80	100	
CTX-	34006BC1 34006DC1	0	0.59	0.57	0.56	0.70	0.68	0.66	0.81	0.79	0.76
		-10	0.57	0.56	0.54	0.68	0.66	0.64	0.78	0.76	0.74
		-20	0.56	0.54	0.53	0.66	0.64	0.62	0.75	0.73	0.71
		-30	0.54	0.52	0.51	0.64	0.62	0.60	0.72	0.70	0.68
		-40	0.52	0.50	0.49	0.61	0.59	0.58	0.69	0.67	0.65
	34013BC1 34013DC1	0	1.18	1.14	1.11	1.40	1.36	1.32	1.62	1.57	1.53
		-10	1.15	1.11	1.08	1.36	1.32	1.29	1.56	1.52	1.48
		-20	1.11	1.08	1.05	1.32	1.28	1.24	1.51	1.46	1.42
		-30	1.08	1.05	1.02	1.27	1.23	1.20	1.45	1.41	1.37
		-40	1.04	1.01	0.98	1.22	1.19	1.15	1.39	1.35	1.31
	34023BC1 34023DC1	0	1.99	1.93	1.88	2.37	2.30	2.24	2.73	2.66	2.58
		-10	1.94	1.88	1.83	2.30	2.24	2.17	2.64	2.57	2.50
		-20	1.88	1.83	1.78	2.23	2.16	2.10	2.55	2.48	2.41
		-30	1.82	1.77	1.72	2.15	2.09	2.03	2.45	2.38	2.31
		-40	1.76	1.71	1.66	2.07	2.01	1.95	2.34	2.28	2.21
	34035BC1 34035DC1	0	2.80	2.72	2.65	3.34	3.24	3.16	3.85	3.74	3.64
		-10	2.73	2.65	2.58	3.24	3.15	3.06	3.73	3.62	3.52
		-20	2.65	2.57	2.50	3.14	3.05	2.96	3.59	3.49	3.39
		-30	2.56	2.49	2.42	3.03	2.94	2.86	3.45	3.35	3.26
		-40	2.48	2.41	2.34	2.91	2.83	2.75	3.30	3.21	3.12
	34045BC1 34045DC1	0	3.46	3.36	3.27	4.12	4.00	3.90	4.75	4.62	4.49
		-10	3.37	3.27	3.18	4.00	3.89	3.78	4.60	4.47	4.35
		-20	3.27	3.18	3.09	3.87	3.76	3.66	4.43	4.31	4.19
		-30	3.17	3.08	2.99	3.74	3.63	3.53	4.26	4.14	4.02
		-40	3.06	2.97	2.89	3.59	3.49	3.40	4.07	3.96	3.85
	57060DC1	0	4.40	4.27	4.15	5.24	5.08	4.95	6.04	5.86	5.71
		-10	4.28	4.16	4.04	5.08	4.94	4.80	5.84	5.67	5.52
		-20	4.15	4.03	3.92	4.92	4.78	4.65	5.63	5.47	5.32
		-30	4.02	3.91	3.80	4.75	4.61	4.48	5.41	5.25	5.11
		-40	3.88	3.77	3.67	4.57	4.43	4.31	5.17	5.03	4.89
	57080DC1	0	5.66	5.50	5.35	6.74	6.55	6.37	7.77	7.55	7.35
		-10	5.51	5.35	5.20	6.54	6.36	6.18	7.52	7.30	7.11
		-20	5.35	5.19	5.05	6.33	6.15	5.98	7.25	7.04	6.85
		-30	5.18	5.03	4.89	6.11	5.93	5.77	6.96	6.76	6.58
		-40	5.00	4.86	4.72	5.88	5.71	5.55	6.66	6.47	6.29
	71110DC1	0	6.73	6.54	6.36	8.02	7.79	7.58	9.25	8.98	8.74
		-10	6.55	6.36	6.19	7.78	7.56	7.36	8.95	8.69	8.45
		-20	6.36	6.18	6.01	7.53	7.32	7.12	8.62	8.38	8.15
		-30	6.16	5.98	5.82	7.27	7.06	6.87	8.28	8.04	7.82
		-40	5.95	5.78	5.62	6.99	6.79	6.61	7.92	7.70	7.49
	71140DC1	0	8.20	7.97	7.75	9.77	9.49	9.23	11.3	10.9	10.6
		-10	7.98	7.76	7.54	9.49	9.21	8.96	10.9	10.6	10.3
		-20	7.75	7.53	7.32	9.18	8.92	8.67	10.5	10.2	9.93
		-30	7.50	7.29	7.09	8.86	8.60	8.37	10.1	9.80	9.53
		-40	7.25	7.04	6.85	8.52	8.27	8.05	9.66	9.38	9.12
	71160DC1	0	9.60	9.33	9.07	11.4	11.1	10.8	13.2	12.8	12.5
		-10	9.35	9.08	8.83	11.1	10.8	10.5	12.8	12.4	12.1
		-20	9.08	8.81	8.58	10.7	10.4	10.2	12.3	11.9	11.6
		-30	8.79	8.53	8.30	10.4	10.1	9.80	11.8	11.5	11.2
		-40	8.49	8.24	8.02	9.98	9.69	9.43	11.3	11.0	10.7
	12220DC1	0	13.2	12.8	12.5	15.7	15.3	14.9	18.2	17.6	17.2
		-10	12.9	12.5	12.2	15.3	14.8	14.4	17.6	17.1	16.6
		-20	12.5	12.1	11.8	14.8	14.4	14.0	16.9	16.4	16.0
		-30	12.1	11.7	11.4	14.3	13.9	13.5	16.3	15.8	15.4
		-40	11.7	11.3	11.04	13.7	13.3	13.0	15.6	15.1	14.7
	12270DC1	0	16.1	15.7	15.3	19.2	18.7	18.2	22.2	21.5	21.0
		-10	15.7	15.3	14.9	18.7	18.1	17.6	21.5	20.8	20.3
		-20	15.3	14.8	14.4	18.1	17.5	17.1	20.7	20.1	19.5
		-30	14.8	14.3	14.0	17.4	16.9	16.5	19.9	19.3	18.8
		-40	14.3	13.9	13.5	16.8	16.3	15.8	19.0	18.5	18.0
	12230DC1	0	19.5	18.9	18.4	23.2	22.5	21.9	26.8	26.0	25.3
		-10	19.0	18.4	17.9	22.5	21.9	21.3	25.9	25.2	24.5
		-20	18.4	17.9	17.4	21.8	21.2	20.6	25.0	24.2	23.6
		-30	17.8	17.3	16.8	21.0	20.4	19.9	24.0	23.3	22.6
		-40	17.2	16.7	16.3	20.2	19.7	19.1	22.9	22.3	21.7
	12420DC1	0	21.9	21.3	20.7	26.1	25.4	24.7	30.1	29.3	28.5
		-10	21.4	20.7	20.2	25.4	24.6	24.0	29.2	28.3	27.6
		-20	20.7	20.1	19.6	24.6	23.8	23.2	28.1	27.3	26.6
		-30	20.1	19.5	19.0	23.7	23.0	22.4	27.0	26.2	25.5
		-40	19.4	18.8	18.3	22.8	22.1	21.5	25.8	25.1	24.4
	12500DC1	0	23.1	22.5	21.8	27.5	26.7	26.0	31.8	30.8	30.0
		-10	22.5	21.9	21.3	26.7	26.0	25.3	30.7	29.8	29.0
		-20	21.8	21.2	20.6	25.9	25.1	24.4	29.6	28.8	28.0
		-30	21.2	20.5	20.0	25.0	24.2	23.6	28.4	27.6	26.9
		-40	20.4	19.8	19.3	24.0	23.3	22.7	27.2	26.4	25.7