

Correction Elements that Influence the Capacity

Pressure Drop in High-Pressure Side Liquid Pipe

Pressure drop on high-pressure side deteriorates refrigerating capacity. Pressure drop generated between the condenser and the expansion valve leads to the generation of flush gas, and deteriorates the capacity of the expansion valve. In general, therefore, it is necessary to consider supercooling at about 1 to 3°C.

Pressure Drop Correction Factor of Pipes on Low-Pressure Side

Pressure drop in the distributor and the evaporator cause the imbalance in temperature and deterioration of capacity, and increases the static superheat at the internal equalizer type expansion valve. The correction factors shown here are for cases in which Pressure drop changes occur in the distributor and evaporator.

R134a

Evaporating Temp. (°C)	Pressure Drop (MPa)										
	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

R410A

Evaporating Temp. (°C)	Pressure Drop (MPa)										
	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

R404A

Evaporating Temp. (°C)	Pressure Drop (MPa)										
	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

R448A

Evaporating Temp. (°C)	Pressure Drop (MPa)										
	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

R407C

Evaporating Temp. (°C)	Pressure Drop (MPa)										
	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

R449A

Evaporating Temp. (°C)	Pressure Drop (MPa)										
	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

Correction Factor for Supercooling

Correction factors shown here indicate changes in capacity depending on the degree of supercooling caused by low-stage side high-pressure solution refrigerant in the two-stage compression-type refrigerating device, and heat exchange attachment device, etc. For devices with a significant degree of supercooling, the figure shown in the capacity table multiplied by the correction factor shown in the table below is the capacity of the expansion valve.

R134a

Condensing Temp (°C)	Sub-cooling ΔT							
	0	10	20	30	40	50	60	70
0	1.00	1.10	1.20	1.30	-	-	-	-
10	1.00	1.11	1.22	1.33	1.45	-	-	-
20	1.00	1.12	1.25	1.37	1.50	1.62	-	-
30	1.00	1.14	1.28	1.42	1.56	1.70	1.85	-
38	1.00	1.15	1.31	1.47	1.63	1.79	1.95	2.11
40	1.00	1.16	1.32	1.48	1.65	1.81	1.98	2.14
50	1.00	1.19	1.38	1.57	1.76	1.96	2.15	2.35
60	1.00	1.23	1.46	1.70	1.93	2.17	2.41	2.65

R404A

Condensing Temp (°C)	Sub-cooling ΔT							
	0	10	20	30	40	50	60	70
0	1.00	1.13	1.26	1.39	-	-	-	-
10	1.00	1.15	1.29	1.44	1.59	-	-	-
20	1.00	1.17	1.34	1.51	1.69	1.86	-	-
30	1.00	1.20	1.41	1.62	1.82	2.03	2.24	-
38	1.00	1.24	1.49	1.73	1.98	2.23	2.48	2.73
40	1.00	1.26	1.51	1.77	2.03	2.29	2.55	2.82
50	1.00	1.35	1.70	2.04	2.39	2.74	3.09	3.45
60	1.00	1.56	2.11	2.65	3.19	3.74	4.28	4.84

R407C

Condensing Temp (°C)	Sub-cooling ΔT							
	0	10	20	30	40	50	60	70
0	1.00	1.10	1.21	1.31	-	-	-	-
10	1.00	1.11	1.23	1.34	1.46	-	-	-
20	1.00	1.13	1.26	1.38	1.51	1.65	-	-
30	1.00	1.15	1.29	1.44	1.59	1.73	1.88	-
38	1.00	1.16	1.33	1.49	1.66	1.83	2.00	2.17
40	1.00	1.17	1.34	1.51	1.68	1.86	2.03	2.21
50	1.00	1.21	1.41	1.62	1.82	2.03	2.24	2.45
60	1.00	1.26	1.53	1.79	2.05	2.31	2.57	2.83

R410A

Condensing Temp (°C)	Sub-cooling ΔT							
	0	10	20	30	40	50	60	70
0	1.00	1.11	1.21	1.32	-	-	-	-
10	1.00	1.12	1.24	1.36	1.48	-	-	-
20	1.00	1.14	1.27	1.41	1.54	1.68	-	-
30	1.00	1.16	1.32	1.47	1.63	1.79	1.94	-
38	1.00	1.18	1.36	1.54	1.72	1.90	2.08	2.27
40	1.00	1.19	1.38	1.57	1.75	1.94	2.13	2.32
50	1.00	1.25	1.48	1.72	1.95	2.18	2.42	2.65
60	1.00	1.36	1.70	2.02	2.34	2.66	2.98	3.29

R448A

Condensing Temp (°C)	Sub-cooling ΔT							
	0	10	20	30	40	50	60	70
0	1.00	1.11	1.22	1.33	-	-	-	-
10	1.00	1.12	1.24	1.36	1.49	-	-	-
20	1.00	1.14	1.27	1.41	1.55	1.69	-	-
30	1.00	1.16	1.32	1.47	1.63	1.79	1.96	-
38	1.00	1.19	1.37	1.56	1.75	1.94	2.13	2.32
40	1.00	1.23	1.46	1.69	1.92	2.15	2.39	2.62
50	1.00	1.31	1.61	1.91	2.21	2.52	2.82	3.12
60	1.00	1.48	1.93	2.38	2.83	3.27	3.72	4.17

R449A

Condensing Temp (°C)	Sub-cooling ΔT							
	0	10	20	30	40	50	60	70
0	1.00	1.11	1.22	1.33	-	-	-	-
10	1.00	1.12	1.24	1.37	1.49	-	-	-
20	1.00	1.14	1.28	1.41	1.55	1.70	-	-
30	1.00	1.16	1.32	1.48	1.64	1.80	1.97	-
38	1.00	1.19	1.38	1.57	1.76	1.95	2.14	2.34
40	1.00	1.23	1.47	1.70	1.94	2.17	2.41	2.65
50	1.00	1.32	1.63	1.93	2.24	2.55	2.86	3.17
60	1.00	1.50	1.97	2.44	2.90	3.36	3.82	4.29

ATX Capacity table

R410A

Charge type : C <-20~10℃>

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	34006BVC 34006DVC	10	0.98 {3.46}	1.04 {3.67}	1.07 {3.76}	1.08 {3.79}	1.09 {3.83}	1.07 {3.77}
		5	1.04 {3.65}	1.08 {3.80}	1.09 {3.85}	1.10 {3.87}	1.10 {3.87}	1.07 {3.78}
		0	1.04 {3.67}	1.07 {3.77}	1.08 {3.80}	1.08 {3.80}	1.07 {3.77}	1.04 {3.66}
		-5	1.04 {3.67}	1.06 {3.74}	1.07 {3.75}	1.06 {3.74}	1.05 {3.69}	1.02 {3.57}
		-10	0.88 {3.08}	0.89 {3.12}	0.88 {3.11}	0.88 {3.10}	0.87 {3.05}	0.83 {2.93}
		-20	0.66 {2.31}	0.66 {2.31}	0.65 {2.30}	0.65 {2.29}	0.63 {2.23}	0.61 {2.13}
	34013BVC 34013DVC	10	2.08 {7.30}	2.20 {7.75}	2.26 {7.93}	2.28 {8.01}	2.30 {8.08}	2.26 {7.96}
		5	2.19 {7.71}	2.28 {8.03}	2.31 {8.14}	2.33 {8.18}	2.33 {8.18}	2.27 {7.99}
		0	2.20 {7.75}	2.26 {7.96}	2.28 {8.03}	2.29 {8.04}	2.27 {7.97}	2.20 {7.74}
		-5	2.21 {7.76}	2.25 {7.90}	2.26 {7.93}	2.25 {7.92}	2.22 {7.81}	2.14 {7.54}
		-10	1.86 {6.53}	1.88 {6.60}	1.87 {6.59}	1.87 {6.57}	1.83 {6.45}	1.77 {6.21}
		-20	1.40 {4.91}	1.40 {4.91}	1.39 {4.88}	1.38 {4.85}	1.35 {4.73}	1.29 {4.52}
	34023BVC 34023DVC	10	3.55 {12.5}	3.78 {13.3}	3.87 {13.6}	3.92 {13.8}	3.95 {13.9}	3.90 {13.7}
		5	3.75 {13.2}	3.92 {13.8}	3.98 {14.0}	4.01 {14.1}	4.01 {14.1}	3.90 {13.7}
		0	3.78 {13.3}	3.90 {13.7}	3.92 {13.8}	3.92 {13.8}	3.90 {13.7}	3.78 {13.3}
		-5	3.81 {13.4}	3.87 {13.6}	3.87 {13.6}	3.87 {13.6}	3.81 {13.4}	3.70 {13.0}
		-10	3.21 {11.3}	3.24 {11.4}	3.24 {11.4}	3.21 {11.3}	3.16 {11.1}	3.04 {10.7}
		-20	2.42 {8.51}	2.42 {8.51}	2.41 {8.46}	2.39 {8.41}	2.33 {8.19}	2.23 {7.84}
	34035BVC 34035DVC	10	5.43 {19.1}	5.74 {20.2}	5.89 {20.7}	5.94 {20.9}	6.00 {21.1}	5.92 {20.8}
		5	5.72 {20.1}	5.97 {21.0}	6.06 {21.3}	6.09 {21.4}	6.09 {21.4}	5.94 {20.9}
		0	5.77 {20.3}	5.92 {20.8}	5.97 {21.0}	5.97 {21.0}	5.94 {20.9}	5.77 {20.3}
		-5	5.77 {20.3}	5.89 {20.7}	5.92 {20.8}	5.89 {20.7}	5.80 {20.4}	5.63 {19.8}
		-10	4.89 {17.2}	4.92 {17.3}	4.92 {17.3}	4.92 {17.3}	4.83 {17.0}	4.64 {16.3}
		-20	3.70 {13.0}	3.70 {13.0}	3.67 {12.9}	3.64 {12.8}	3.55 {12.5}	3.38 {11.9}
	34045BVC 34045DVC	10	6.97 {24.5}	7.39 {26.0}	7.56 {26.6}	7.65 {26.9}	7.71 {27.1}	7.59 {26.7}
		5	7.37 {25.9}	7.65 {26.9}	7.76 {27.3}	7.82 {27.5}	7.79 {27.4}	7.62 {26.8}
		0	7.39 {26.0}	7.62 {26.8}	7.68 {27.0}	7.68 {27.0}	7.62 {26.8}	7.39 {26.0}
		-5	7.42 {26.1}	7.56 {26.6}	7.59 {26.7}	7.56 {26.6}	7.48 {26.3}	7.22 {25.4}
		-10	6.26 {22.0}	6.34 {22.3}	6.34 {22.3}	6.31 {22.2}	6.20 {21.8}	5.94 {20.9}
		-20	4.72 {16.6}	4.72 {16.6}	4.69 {16.5}	4.66 {16.4}	4.55 {16.0}	4.35 {15.3}
	57060DVC	10	9.58 {33.7}	10.2 {35.8}	10.4 {36.6}	10.5 {36.9}	10.6 {37.3}	10.4 {36.7}
		5	10.1 {35.6}	10.6 {37.1}	10.7 {37.6}	10.7 {37.8}	10.7 {37.7}	10.5 {36.9}
		0	10.2 {35.8}	10.5 {36.8}	10.6 {37.1}	10.6 {37.1}	10.5 {36.8}	10.2 {35.8}
		-5	10.2 {35.9}	10.4 {36.5}	10.4 {36.7}	10.4 {36.6}	10.3 {36.1}	9.93 {34.9}
		-10	8.62 {30.3}	8.70 {30.6}	8.70 {30.6}	8.67 {30.5}	8.50 {29.9}	8.19 {28.8}
		-20	6.51 {22.9}	6.51 {22.9}	6.48 {22.8}	6.43 {22.6}	6.29 {22.1}	6.00 {21.1}
	57080DVC	10	12.8 {45.1}	13.6 {47.9}	13.9 {49.0}	14.1 {49.5}	14.2 {50.0}	14.0 {49.2}
		5	13.5 {47.6}	14.1 {49.6}	14.3 {50.3}	14.4 {50.6}	14.4 {50.6}	14.0 {49.4}
		0	13.6 {47.9}	14.0 {49.3}	14.1 {49.6}	14.1 {49.7}	14.0 {49.3}	13.6 {47.9}
		-5	13.7 {48.0}	13.9 {48.9}	14.0 {49.1}	13.9 {49.0}	13.7 {48.3}	13.3 {46.7}
		-10	11.5 {40.5}	11.6 {40.9}	11.6 {40.9}	11.6 {40.7}	11.4 {40.0}	10.9 {38.5}
		-20	8.67 {30.5}	8.67 {30.5}	8.62 {30.3}	8.56 {30.1}	8.33 {29.3}	7.99 {28.1}
	71110DVC	10	17.6 {61.9}	18.7 {65.7}	19.1 {67.2}	19.3 {67.9}	19.5 {68.5}	19.2 {67.5}
		5	18.6 {65.3}	19.3 {68.0}	19.6 {69.0}	19.7 {69.3}	19.7 {69.3}	19.3 {67.7}
		0	18.7 {65.6}	19.2 {67.4}	19.3 {67.9}	19.3 {68.0}	19.2 {67.5}	18.6 {65.5}
		-5	18.7 {65.6}	19.0 {66.8}	19.1 {67.0}	19.0 {66.9}	18.8 {66.0}	18.1 {63.8}
		-10	15.6 {55.0}	15.8 {55.5}	15.8 {55.5}	15.7 {55.3}	15.4 {54.3}	14.9 {52.3}
		-20	11.7 {41.1}	11.7 {41.1}	11.6 {40.9}	11.5 {40.6}	11.3 {39.6}	10.8 {37.9}
71140DVC	10	22.3 {78.4}	23.7 {83.3}	24.2 {85.2}	24.5 {86.0}	24.7 {86.9}	24.3 {85.5}	
	5	23.5 {82.8}	24.5 {86.2}	24.9 {87.4}	25.0 {87.9}	25.0 {87.8}	24.4 {85.8}	
	0	23.7 {83.2}	24.3 {85.5}	24.5 {86.1}	24.5 {86.2}	24.3 {85.6}	23.6 {83.1}	
	-5	23.7 {83.3}	24.1 {84.8}	24.2 {85.0}	24.1 {84.9}	23.8 {83.7}	23.0 {80.9}	
	-10	19.9 {69.9}	20.1 {70.6}	20.1 {70.6}	20.0 {70.3}	19.6 {69.0}	18.9 {66.4}	
	-20	14.9 {52.4}	14.9 {52.4}	14.8 {52.1}	14.7 {51.7}	14.3 {50.4}	13.7 {48.3}	
71160DVC	10	25.7 {90.3}	27.3 {95.9}	27.9 {98.1}	28.2 {99.0}	28.4 {100}	28.0 {98.4}	
	5	27.1 {95.3}	28.2 {99.2}	28.7 {101}	28.7 {101}	28.7 {101}	28.1 {98.7}	
	0	27.2 {95.7}	28.0 {98.3}	28.2 {99.1}	28.2 {99.2}	28.0 {98.5}	27.2 {95.6}	
	-5	27.2 {95.8}	27.7 {97.5}	27.8 {97.8}	27.8 {97.7}	27.4 {96.4}	26.5 {93.1}	
	-10	22.8 {80.3}	23.1 {81.2}	23.1 {81.1}	23.0 {80.9}	22.6 {79.4}	21.7 {76.4}	
	-20	17.1 {60.2}	17.1 {60.2}	17.0 {59.9}	16.9 {59.5}	16.5 {58.0}	15.8 {55.4}	
12220DVC	10	35.3 {124}	37.5 {132}	38.4 {135}	39.0 {137}	39.2 {138}	38.7 {136}	
	5	37.3 {131}	39.0 {137}	39.5 {139}	39.5 {139}	39.5 {139}	38.7 {136}	
	0	37.5 {132}	38.7 {136}	39.0 {137}	39.0 {137}	38.7 {136}	37.5 {132}	
	-5	37.5 {132}	38.1 {134}	38.4 {135}	38.4 {135}	37.8 {133}	36.4 {128}	
	-10	31.3 {110}	31.9 {112}	31.9 {112}	31.6 {111}	31.0 {109}	29.9 {105}	
	-20	23.5 {82.5}	23.5 {82.5}	23.3 {82.1}	23.2 {81.5}	22.6 {79.5}	21.6 {76.0}	

R410A

Charge type : C <-20~10℃>

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	12270DVC	10	43.2 {152}	46.1 {162}	46.9 {165}	47.5 {167}	48.1 {169}	47.2 {166}
		5	45.8 {161}	47.5 {167}	48.3 {170}	48.6 {171}	48.3 {170}	47.5 {167}
		0	45.8 {161}	47.2 {166}	47.5 {167}	47.5 {167}	47.2 {166}	45.8 {161}
		-5	45.8 {161}	46.6 {164}	46.9 {165}	46.9 {165}	46.1 {162}	44.6 {157}
		-10	38.4 {135}	39.0 {137}	38.7 {136}	38.7 {136}	37.8 {133}	36.4 {128}
		-20	28.7 {101}	28.7 {101}	28.4 {100}	28.4 {99.7}	27.6 {97.2}	26.4 {93.0}
	12330DVC	10	52.6 {185}	55.7 {196}	57.2 {201}	57.7 {203}	58.3 {205}	57.2 {201}
		5	55.5 {195}	57.7 {203}	58.6 {206}	58.9 {207}	58.9 {207}	57.4 {202}
		0	55.7 {196}	57.2 {201}	57.7 {203}	57.7 {203}	57.2 {201}	55.7 {196}
		-5	55.7 {196}	56.6 {199}	56.9 {200}	56.9 {200}	56.0 {197}	54.0 {190}
		-10	46.6 {164}	47.2 {166}	47.2 {166}	46.9 {165}	46.1 {162}	44.4 {156}
		-20	35.0 {123}	35.0 {123}	34.7 {122}	34.4 {121}	33.6 {118}	32.1 {113}
	12420DVC	10	66.5 {234}	70.8 {249}	72.2 {254}	73.1 {257}	73.7 {259}	72.5 {255}
		5	70.2 {247}	73.1 {257}	74.2 {261}	74.5 {262}	74.5 {262}	72.8 {256}
		0	70.5 {248}	72.5 {255}	73.1 {257}	73.1 {257}	72.5 {255}	70.5 {248}
		-5	70.5 {248}	72.0 {253}	72.0 {253}	72.0 {253}	71.1 {250}	68.5 {241}
		-10	59.2 {208}	59.7 {210}	59.7 {210}	59.4 {209}	58.3 {205}	56.0 {197}
		-20	44.1 {155}	44.1 {155}	43.8 {154}	43.5 {153}	42.4 {149}	40.7 {143}
	12500DVC	10	80.2 {282}	85.0 {299}	87.0 {306}	87.9 {309}	88.7 {312}	87.3 {307}
		5	84.5 {297}	87.9 {309}	89.3 {314}	89.6 {315}	89.6 {315}	87.6 {308}
0		84.7 {298}	87.0 {306}	87.9 {309}	87.9 {309}	87.3 {307}	84.7 {298}	
-5		84.7 {298}	86.5 {304}	86.7 {305}	86.5 {304}	85.3 {300}	82.5 {290}	
-10		71.1 {250}	71.7 {252}	71.7 {252}	71.4 {251}	70.2 {247}	67.7 {238}	
-20		53.2 {187}	53.2 {187}	52.9 {186}	52.3 {184}	51.2 {180}	48.9 {172}	

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	34006BVCL	-10	0.88 {3.08}	0.89 {3.12}	0.88 {3.11}	0.88 {3.10}	0.87 {3.05}	0.83 {2.93}
		-20	0.66 {2.31}	0.66 {2.31}	0.65 {2.30}	0.65 {2.29}	0.63 {2.23}	0.61 {2.13}
	34006DVCL	-30	0.57 {2.01}	0.57 {1.99}	0.56 {1.98}	0.56 {1.96}	0.54 {1.90}	-
		-40	0.46 {1.60}	0.45 {1.59}	0.45 {1.57}	0.44 {1.55}	0.43 {1.50}	-
	34013BVCL	-10	1.86 {6.53}	1.88 {6.60}	1.87 {6.59}	1.87 {6.57}	1.83 {6.45}	1.77 {6.21}
		-20	1.40 {4.91}	1.40 {4.91}	1.39 {4.88}	1.38 {4.85}	1.35 {4.73}	1.29 {4.52}
	34013DVCL	-30	1.21 {4.26}	1.20 {4.23}	1.19 {4.19}	1.18 {4.16}	1.15 {4.03}	-
		-40	0.97 {3.40}	0.96 {3.37}	0.95 {3.33}	0.94 {3.30}	0.91 {3.19}	-
	34023BVCL	-10	3.21 {11.3}	3.24 {11.4}	3.24 {11.4}	3.21 {11.3}	3.16 {11.1}	3.04 {10.7}
		-20	2.42 {8.51}	2.42 {8.51}	2.41 {8.46}	2.39 {8.41}	2.33 {8.19}	2.23 {7.84}
	34023DVCL	-30	2.10 {7.39}	2.09 {7.35}	2.07 {7.28}	2.05 {7.22}	1.99 {7.00}	-
		-40	1.68 {5.92}	1.67 {5.86}	1.65 {5.80}	1.63 {5.74}	1.58 {5.55}	-
	34035BVCL	-10	4.89 {17.2}	4.92 {17.3}	4.92 {17.3}	4.92 {17.3}	4.83 {17.0}	4.64 {16.3}
		-20	3.70 {13.0}	3.70 {13.0}	3.67 {12.9}	3.64 {12.8}	3.55 {12.5}	3.38 {11.9}
	34035DVCL	-30	3.21 {11.3}	3.19 {11.2}	3.16 {11.1}	3.13 {11.0}	3.04 {10.7}	-
		-40	2.57 {9.02}	2.54 {8.93}	2.51 {8.83}	2.49 {8.74}	2.40 {8.45}	-
	34045BVCL	-10	6.26 {22.0}	6.34 {22.3}	6.34 {22.3}	6.31 {22.2}	6.20 {21.8}	5.94 {20.9}
		-20	4.72 {16.6}	4.72 {16.6}	4.69 {16.5}	4.66 {16.4}	4.55 {16.0}	4.35 {15.3}
	34045DVCL	-30	4.10 {14.4}	4.10 {14.4}	4.04 {14.2}	4.01 {14.1}	3.90 {13.7}	-
		-40	3.30 {11.6}	3.27 {11.5}	3.21 {11.3}	3.19 {11.2}	3.07 {10.8}	-
	57060DVCL	-10	8.62 {30.3}	8.70 {30.6}	8.70 {30.6}	8.67 {30.5}	8.50 {29.9}	8.19 {28.8}
		-20	6.51 {22.9}	6.51 {22.9}	6.48 {22.8}	6.43 {22.6}	6.29 {22.1}	6.00 {21.1}
		-30	5.66 {19.9}	5.63 {19.8}	5.57 {19.6}	5.52 {19.4}	5.35 {18.8}	-
		-40	4.52 {15.9}	4.49 {15.8}	4.44 {15.6}	4.41 {15.5}	4.24 {14.9}	-
	57080DVCL	-10	11.5 {40.5}	11.6 {40.9}	11.6 {40.9}	11.6 {40.7}	11.4 {40.0}	10.9 {38.5}
		-20	8.67 {30.5}	8.67 {30.5}	8.62 {30.3}	8.56 {30.1}	8.33 {29.3}	7.99 {28.1}
		-30	7.51 {26.4}	7.48 {26.3}	7.42 {26.1}	7.34 {25.8}	7.14 {25.1}	-
		-40	6.03 {21.2}	5.94 {20.9}	5.89 {20.7}	5.83 {20.5}	5.63 {19.8}	-
	71110DVCL	-10	15.6 {55.0}	15.8 {55.5}	15.8 {55.5}	15.7 {55.3}	15.4 {54.3}	14.9 {52.3}
		-20	11.7 {41.1}	11.7 {41.1}	11.6 {40.9}	11.5 {40.6}	11.3 {39.6}	10.8 {37.9}
		-30	10.1 {35.6}	10.1 {35.4}	10.0 {35.0}	9.87 {34.7}	9.58 {33.7}	-
		-40	8.08 {28.4}	7.99 {28.1}	7.91 {27.8}	7.82 {27.5}	7.56 {26.6}	-
	71140DVCL	-10	19.9 {69.9}	20.1 {70.6}	20.1 {70.6}	20.0 {70.3}	19.6 {69.0}	18.9 {66.4}
		-20	14.9 {52.4}	14.9 {52.4}	14.8 {52.1}	14.7 {51.7}	14.3 {50.4}	13.7 {48.3}
		-30	12.9 {45.4}	12.8 {45.1}	12.7 {44.7}	12.6 {44.3}	12.2 {43.0}	-
		-40	10.3 {36.3}	10.2 {35.9}	10.1 {35.5}	10.0 {35.1}	9.67 {34.0}	-
	71160DVCL	-10	22.8 {80.3}	23.1 {81.2}	23.1 {81.1}	23.0 {80.9}	22.6 {79.4}	21.7 {76.4}
		-20	17.1 {60.2}	17.1 {60.2}	17.0 {59.9}	16.9 {59.5}	16.5 {58.0}	15.8 {55.4}
		-30	14.8 {52.1}	14.7 {51.8}	14.6 {51.4}	14.5 {50.9}	14.0 {49.4}	-
		-40	11.8 {41.6}	11.7 {41.2}	11.6 {40.8}	11.5 {40.3}	11.1 {39.0}	-
	12220DVCL	-10	31.3 {110}	31.9 {112}	31.9 {112}	31.6 {111}	31.0 {109}	29.9 {105}
		-20	23.5 {82.5}	23.5 {82.5}	23.3 {82.1}	23.2 {81.5}	22.6 {79.5}	21.6 {76.0}
		-30	20.3 {71.4}	20.2 {71.0}	20.0 {70.4}	19.8 {69.7}	19.3 {67.7}	-
		-40	16.2 {57.0}	16.0 {56.4}	15.9 {55.8}	15.7 {55.2}	15.2 {53.4}	-
	12270DVCL	-10	38.4 {135}	39.0 {137}	38.7 {136}	38.7 {136}	37.8 {133}	36.4 {128}
		-20	28.7 {101}	28.7 {101}	28.4 {100}	28.4 {99.7}	27.6 {97.2}	26.4 {93.0}
		-30	24.9 {87.4}	24.7 {86.8}	24.5 {86.1}	24.3 {85.3}	23.5 {82.8}	-
		-40	19.8 {69.7}	19.6 {69.0}	19.4 {68.2}	19.2 {67.5}	18.6 {65.3}	-
12330DVCL	-10	46.6 {164}	47.2 {166}	47.2 {166}	46.9 {165}	46.1 {162}	44.4 {156}	
	-20	35.0 {123}	35.0 {123}	34.7 {122}	34.4 {121}	33.6 {118}	32.1 {113}	
	-30	30.1 {106}	29.9 {105}	29.9 {105}	29.6 {104}	28.7 {101}	-	
	-40	24.1 {84.6}	23.8 {83.7}	23.5 {82.8}	23.3 {82.0}	22.6 {79.3}	-	
12420DVCL	-10	59.2 {208}	59.7 {210}	59.7 {210}	59.4 {209}	58.3 {205}	56.0 {197}	
	-20	44.1 {155}	44.1 {155}	43.8 {154}	43.5 {153}	42.4 {149}	40.7 {143}	
	-30	38.1 {134}	38.1 {134}	37.5 {132}	37.3 {131}	36.1 {127}	-	
	-40	30.4 {107}	30.1 {106}	29.9 {105}	29.6 {104}	28.4 {100}	-	
12500DVCL	-10	71.1 {250}	71.7 {252}	71.7 {252}	71.4 {251}	70.2 {247}	67.7 {238}	
	-20	53.2 {187}	53.2 {187}	52.9 {186}	52.3 {184}	51.2 {180}	48.9 {172}	
	-30	46.1 {162}	45.8 {161}	45.2 {159}	44.9 {158}	43.5 {153}	-	
	-40	36.7 {129}	36.4 {128}	35.8 {126}	35.5 {125}	34.4 {121}	-	

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	34006BMS 34006DMS	10	0.67 {2.34}	0.71 {2.49}	0.73 {2.58}	0.74 {2.61}	0.78 {2.73}	0.79 {2.79}
		5	0.66 {2.33}	0.68 {2.40}	0.70 {2.46}	0.71 {2.48}	0.73 {2.55}	0.75 {2.62}
		0	0.63 {2.21}	0.65 {2.29}	0.67 {2.35}	0.67 {2.37}	0.69 {2.41}	0.69 {2.43}
		-5	0.59 {2.07}	0.61 {2.13}	0.62 {2.19}	0.63 {2.20}	0.63 {2.21}	0.63 {2.22}
		-10	0.53 {1.86}	0.55 {1.93}	0.56 {1.97}	0.56 {1.98}	0.57 {2.00}	0.56 {1.98}
		-20	0.41 {1.44}	0.43 {1.50}	0.43 {1.51}	0.43 {1.51}	0.43 {1.51}	0.42 {1.49}
		-30	0.39 {1.36}	0.39 {1.38}	0.40 {1.40}	0.40 {1.40}	0.40 {1.40}	0.39 {1.37}
	34013BMS 34013DMS	10	1.52 {5.33}	1.65 {5.79}	1.71 {6.00}	1.74 {6.11}	1.80 {6.34}	1.83 {6.43}
		5	1.44 {5.06}	1.56 {5.47}	1.60 {5.63}	1.62 {5.69}	1.66 {5.85}	1.69 {5.93}
		0	1.33 {4.66}	1.39 {4.90}	1.42 {5.01}	1.44 {5.05}	1.47 {5.16}	1.48 {5.21}
		-5	1.20 {4.22}	1.24 {4.37}	1.27 {4.45}	1.28 {4.49}	1.29 {4.54}	1.31 {4.59}
		-10	1.10 {3.88}	1.13 {3.97}	1.14 {4.02}	1.15 {4.05}	1.16 {4.07}	1.16 {4.07}
		-20	0.92 {3.22}	0.92 {3.24}	0.93 {3.28}	0.93 {3.27}	0.93 {3.28}	0.93 {3.27}
		-30	0.74 {2.59}	0.80 {2.80}	0.83 {2.93}	0.83 {2.93}	0.83 {2.93}	0.82 {2.90}
	34023BMS 34023DMS	10	2.64 {9.29}	2.87 {10.1}	2.96 {10.4}	3.01 {10.6}	3.13 {11.0}	3.21 {11.3}
		5	2.56 {9.01}	2.72 {9.58}	2.80 {9.85}	2.84 {9.98}	2.90 {10.2}	2.93 {10.3}
		0	2.37 {8.32}	2.47 {8.67}	2.54 {8.92}	2.56 {9.00}	2.61 {9.19}	2.63 {9.26}
		-5	2.15 {7.57}	2.23 {7.85}	2.27 {7.99}	2.29 {8.05}	2.31 {8.13}	2.33 {8.18}
		-10	1.91 {6.72}	1.97 {6.92}	1.99 {7.01}	2.00 {7.05}	2.02 {7.11}	2.02 {7.09}
		-20	1.66 {5.84}	1.69 {5.95}	1.71 {6.00}	1.71 {6.02}	1.71 {6.02}	1.69 {5.95}
		-30	1.52 {5.34}	1.54 {5.41}	1.55 {5.45}	1.55 {5.44}	1.55 {5.44}	1.53 {5.37}
	34035BMS 34035DMS	10	4.07 {14.3}	4.41 {15.5}	4.55 {16.0}	4.64 {16.3}	4.81 {16.9}	4.95 {17.4}
		5	3.84 {13.5}	4.07 {14.3}	4.21 {14.8}	4.24 {14.9}	4.38 {15.4}	4.44 {15.6}
		0	3.61 {12.7}	3.78 {13.3}	3.87 {13.6}	3.90 {13.7}	3.98 {14.0}	4.01 {14.1}
		-5	3.38 {11.9}	3.50 {12.3}	3.58 {12.6}	3.61 {12.7}	3.64 {12.8}	3.64 {12.8}
		-10	3.01 {10.6}	3.10 {10.9}	3.13 {11.0}	3.16 {11.1}	3.19 {11.2}	3.19 {11.2}
		-20	2.62 {9.22}	2.68 {9.42}	2.70 {9.49}	2.70 {9.51}	2.71 {9.54}	2.69 {9.47}
		-30	2.29 {8.06}	2.32 {8.15}	2.33 {8.20}	2.33 {8.19}	2.33 {8.19}	2.30 {8.08}
	34045BMS 34045DMS	10	5.26 {18.5}	5.63 {19.8}	5.86 {20.6}	5.92 {20.8}	6.14 {21.6}	6.34 {22.3}
		5	4.92 {17.3}	5.20 {18.3}	5.40 {19.0}	5.46 {19.2}	5.63 {19.8}	5.69 {20.0}
		0	4.61 {16.2}	4.83 {17.0}	4.95 {17.4}	4.95 {17.4}	5.06 {17.8}	5.12 {18.0}
		-5	4.32 {15.2}	4.46 {15.7}	4.61 {16.2}	4.61 {16.2}	4.66 {16.4}	4.66 {16.4}
		-10	3.87 {13.6}	3.98 {14.0}	4.04 {14.2}	4.01 {14.1}	4.07 {14.3}	4.07 {14.3}
		-20	3.38 {11.9}	3.44 {12.1}	3.47 {12.2}	3.47 {12.2}	3.47 {12.2}	3.47 {12.2}
		-30	3.07 {10.8}	3.10 {10.9}	3.10 {10.9}	3.13 {11.0}	3.13 {11.0}	3.10 {10.9}
	57060DMS	10	6.97 {24.5}	7.54 {26.5}	7.85 {27.6}	7.93 {27.9}	8.28 {29.1}	8.47 {29.8}
		5	6.57 {23.1}	6.94 {24.4}	7.22 {25.4}	7.28 {25.6}	7.48 {26.3}	7.59 {26.7}
		0	6.26 {22.0}	6.51 {22.9}	6.71 {23.6}	6.74 {23.7}	6.88 {24.2}	6.94 {24.4}
		-5	5.83 {20.5}	6.03 {21.2}	6.11 {21.5}	6.14 {21.6}	6.23 {21.9}	6.26 {22.0}
		-10	5.35 {18.8}	5.49 {19.3}	5.60 {19.7}	5.63 {19.8}	5.69 {20.0}	5.66 {19.9}
		-20	4.44 {15.6}	4.49 {15.8}	4.52 {15.9}	4.52 {15.9}	4.55 {16.0}	4.49 {15.8}
		-30	4.04 {14.2}	4.07 {14.3}	4.10 {14.4}	4.10 {14.4}	4.10 {14.4}	4.04 {14.2}
	57080DMS	10	9.19 {32.3}	9.93 {34.9}	10.3 {36.3}	10.5 {36.9}	10.9 {38.4}	11.2 {39.3}
		5	8.79 {30.9}	9.30 {32.7}	9.58 {33.7}	9.73 {34.2}	9.98 {35.1}	10.1 {35.6}
		0	8.25 {29.0}	8.67 {30.5}	8.87 {31.2}	8.96 {31.5}	9.10 {32.0}	9.16 {32.2}
		-5	7.68 {27.0}	7.99 {28.1}	8.13 {28.6}	8.19 {28.8}	8.30 {29.2}	8.30 {29.2}
		-10	6.97 {24.5}	7.22 {25.4}	7.31 {25.7}	7.31 {25.7}	7.34 {25.8}	7.37 {25.9}
		-20	5.89 {20.7}	6.00 {21.1}	6.06 {21.3}	6.06 {21.3}	6.06 {21.3}	6.03 {21.2}
-30		5.35 {18.8}	5.40 {19.0}	5.43 {19.1}	5.46 {19.2}	5.43 {19.1}	5.35 {18.8}	
71110DMS	10	12.4 {43.5}	13.4 {47.1}	13.9 {48.8}	14.1 {49.7}	14.7 {51.6}	15.0 {52.8}	
	5	12.1 {42.4}	12.8 {45.0}	13.2 {46.4}	13.4 {47.0}	13.8 {48.4}	14.1 {49.6}	
	0	11.4 {40.2}	11.9 {42.0}	12.2 {43.0}	12.3 {43.4}	12.6 {44.3}	12.7 {44.7}	
	-5	10.6 {37.1}	10.9 {38.5}	11.1 {39.2}	11.2 {39.5}	11.3 {39.9}	11.4 {40.0}	
	-10	9.61 {33.8}	9.90 {34.8}	10.0 {35.2}	10.1 {35.5}	10.2 {35.7}	10.1 {35.6}	
	-20	7.91 {27.8}	7.99 {28.1}	8.13 {28.6}	8.16 {28.7}	8.16 {28.7}	8.13 {28.6}	
	-30	7.28 {25.6}	7.37 {25.9}	7.42 {26.1}	7.45 {26.2}	7.42 {26.1}	7.31 {25.7}	
71140DMS	10	15.8 {55.4}	17.0 {59.9}	17.7 {62.1}	18.0 {63.3}	18.7 {65.7}	19.1 {67.1}	
	5	15.4 {54.1}	16.3 {57.3}	16.8 {59.1}	17.0 {59.8}	17.5 {61.4}	17.5 {61.6}	
	0	14.6 {51.3}	15.3 {53.7}	15.6 {54.9}	15.8 {55.5}	16.1 {56.5}	16.2 {57.0}	
	-5	13.5 {47.3}	13.9 {49.0}	14.2 {49.8}	14.2 {50.0}	14.4 {50.6}	14.5 {50.9}	
	-10	12.1 {42.6}	12.5 {43.8}	12.6 {44.4}	12.7 {44.5}	12.8 {45.0}	12.8 {44.9}	
	-20	10.2 {35.9}	10.6 {37.1}	10.6 {37.4}	10.6 {37.4}	10.6 {37.3}	10.6 {37.2}	
	-30	8.99 {31.6}	9.10 {32.0}	9.16 {32.2}	9.19 {32.3}	9.13 {32.1}	9.02 {31.7}	
71160DMS	10	18.1 {63.8}	19.7 {69.2}	20.4 {71.8}	20.7 {72.9}	21.3 {75.0}	21.7 {76.2}	
	5	17.5 {61.6}	18.7 {65.6}	19.2 {67.5}	19.5 {68.4}	19.7 {69.2}	19.9 {69.8}	
	0	16.6 {58.4}	17.4 {61.3}	17.8 {62.6}	18.0 {63.3}	18.3 {64.4}	18.4 {64.7}	
	-5	15.2 {53.6}	15.8 {55.7}	16.1 {56.6}	16.2 {57.1}	16.4 {57.7}	16.7 {58.6}	
	-10	13.8 {48.5}	14.3 {50.2}	14.5 {50.9}	14.6 {51.2}	14.7 {51.6}	14.6 {51.4}	
	-20	11.7 {41.3}	12.0 {42.1}	12.1 {42.6}	12.1 {42.6}	12.1 {42.7}	12.0 {42.1}	
	-30	10.3 {36.2}	10.4 {36.5}	10.5 {36.8}	10.5 {36.9}	10.5 {36.8}	10.3 {36.3}	

R134a

Charge type : S <-30~10℃> Superheat change 4~5℃

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	12220DMS	10	25.8 {90.8}	28.0 {98.4}	29.0 {102}	29.6 {104}	30.7 {108}	31.3 {110}
		5	24.1 {84.8}	25.6 {90.0}	26.4 {92.8}	26.7 {94.0}	27.4 {96.5}	27.8 {97.9}
		0	22.6 {79.4}	23.7 {83.5}	24.2 {85.2}	24.5 {86.2}	25.0 {87.9}	25.2 {88.5}
		-5	21.0 {73.9}	21.8 {76.8}	22.2 {78.0}	22.4 {78.7}	22.6 {79.4}	22.7 {79.8}
		-10	19.1 {67.1}	19.7 {69.1}	19.9 {69.9}	20.0 {70.4}	20.2 {70.9}	20.1 {70.8}
		-20	15.9 {55.8}	16.4 {57.6}	16.6 {58.2}	16.9 {59.5}	16.6 {58.3}	16.2 {57.1}
		-30	14.5 {51.1}	14.7 {51.8}	14.8 {52.1}	14.8 {52.1}	14.5 {51.0}	14.6 {51.3}
	12270DMS	10	31.0 {109}	33.3 {117}	34.7 {122}	35.3 {124}	36.7 {129}	37.8 {133}
		5	29.6 {104}	31.6 {111}	32.4 {114}	32.7 {115}	33.8 {119}	34.1 {120}
		0	27.8 {97.8}	29.0 {102}	29.9 {105}	30.1 {106}	30.7 {108}	31.0 {109}
		-5	25.7 {90.5}	26.7 {94.0}	27.2 {95.6}	27.4 {96.3}	27.7 {97.3}	27.8 {97.8}
		-10	23.3 {81.8}	24.1 {84.7}	24.4 {85.7}	24.5 {86.3}	24.7 {87.0}	24.7 {86.8}
		-20	19.5 {68.5}	19.9 {69.9}	20.0 {70.5}	20.1 {70.6}	20.1 {70.8}	19.9 {70.1}
		-30	17.8 {62.6}	18.0 {63.3}	18.1 {63.7}	18.1 {63.8}	18.1 {63.6}	17.9 {62.8}
	12330DMS	10	38.1 {134}	40.7 {143}	42.4 {149}	42.9 {151}	44.9 {158}	46.1 {162}
		5	36.4 {128}	38.4 {135}	39.8 {140}	40.1 {141}	41.0 {144}	41.8 {147}
		0	34.1 {120}	35.8 {126}	36.4 {128}	36.7 {129}	37.3 {131}	37.8 {133}
		-5	31.6 {111}	32.7 {115}	33.3 {117}	33.8 {119}	34.1 {120}	34.1 {120}
		-10	28.4 {100}	29.3 {103}	29.9 {105}	29.9 {105}	30.1 {106}	30.1 {106}
		-20	23.9 {84.0}	24.3 {85.6}	24.5 {86.3}	24.6 {86.5}	24.6 {86.6}	24.4 {85.9}
		-30	21.8 {76.6}	22.1 {77.6}	22.2 {78.0}	22.2 {78.2}	22.2 {77.9}	21.9 {76.9}
	12420DMS	10	48.9 {172}	52.6 {185}	54.9 {193}	55.5 {195}	58.0 {204}	60.6 {213}
		5	46.1 {162}	48.9 {172}	50.3 {177}	50.9 {179}	52.3 {184}	53.2 {187}
		0	43.2 {152}	45.2 {159}	46.4 {163}	46.6 {164}	47.5 {167}	48.3 {170}
		-5	39.8 {140}	41.2 {145}	42.4 {149}	42.7 {150}	42.9 {151}	42.9 {151}
		-10	36.4 {128}	37.3 {131}	38.1 {134}	38.1 {134}	38.4 {135}	38.4 {135}
		-20	30.1 {106}	31.0 {109}	31.3 {110}	31.3 {110}	31.3 {110}	31.3 {110}
		-30	27.0 {95.0}	27.4 {96.2}	27.6 {96.9}	27.6 {97.0}	27.5 {96.6}	27.1 {95.4}
	12500DMS	10	57.4 {202}	62.3 {219}	64.8 {228}	65.4 {230}	68.5 {241}	69.7 {245}
		5	54.6 {192}	58.3 {205}	60.0 {211}	60.6 {213}	62.3 {219}	63.4 {223}
		0	52.0 {183}	54.0 {190}	55.2 {194}	55.5 {195}	56.9 {200}	57.4 {202}
		-5	48.3 {170}	50.1 {176}	50.9 {179}	51.2 {180}	51.5 {181}	52.0 {183}
		-10	44.6 {157}	45.5 {160}	46.4 {163}	46.6 {164}	46.6 {164}	46.9 {165}
		-20	36.7 {129}	37.3 {131}	37.8 {133}	37.8 {133}	37.8 {133}	37.8 {133}
		-30	32.1 {113}	32.4 {114}	32.7 {115}	32.7 {115}	32.7 {115}	32.4 {114}

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	34006BUS 34006DUS	10	0.67 {2.35}	0.69 {2.44}	0.70 {2.47}	0.70 {2.47}	0.69 {2.41}	0.66 {2.31}
		5	0.69 {2.41}	0.70 {2.45}	0.70 {2.46}	0.69 {2.44}	0.67 {2.37}	0.64 {2.24}
		0	0.63 {2.22}	0.63 {2.21}	0.63 {2.20}	0.62 {2.17}	0.59 {2.08}	0.55 {1.95}
		-5	0.59 {2.06}	0.58 {2.04}	0.57 {2.01}	0.56 {1.97}	0.53 {1.88}	0.50 {1.75}
		-10	0.53 {1.88}	0.52 {1.84}	0.51 {1.81}	0.50 {1.77}	0.47 {1.67}	0.44 {1.53}
		-20	0.44 {1.56}	0.44 {1.53}	0.43 {1.50}	0.41 {1.45}	0.39 {1.36}	0.34 {1.21}
		-30	0.36 {1.25}	0.34 {1.20}	0.33 {1.16}	0.32 {1.12}	0.30 {1.04}	-
		-40	0.27 {0.94}	0.26 {0.90}	0.25 {0.87}	0.24 {0.83}	0.22 {0.76}	-
	34013BUS 34013DUS	10	1.44 {5.08}	1.51 {5.31}	1.52 {5.36}	1.52 {5.35}	1.49 {5.23}	1.41 {4.97}
		5	1.47 {5.16}	1.50 {5.26}	1.50 {5.27}	1.49 {5.23}	1.44 {5.05}	1.35 {4.75}
		0	1.38 {4.87}	1.39 {4.89}	1.38 {4.86}	1.37 {4.81}	1.31 {4.59}	1.22 {4.28}
		-5	1.25 {4.40}	1.25 {4.38}	1.23 {4.33}	1.21 {4.26}	1.15 {4.05}	1.06 {3.74}
		-10	1.19 {4.18}	1.17 {4.12}	1.15 {4.05}	1.13 {3.97}	1.06 {3.74}	0.97 {3.42}
		-20	1.03 {3.61}	1.00 {3.51}	0.97 {3.42}	0.95 {3.34}	0.88 {3.11}	0.80 {2.80}
		-30	0.88 {3.10}	0.85 {2.99}	0.82 {2.90}	0.80 {2.82}	0.74 {2.59}	-
		-40	0.74 {2.59}	0.70 {2.45}	0.67 {2.37}	0.65 {2.30}	0.59 {2.08}	-
	34023BUS 34023DUS	10	2.65 {9.32}	2.76 {9.71}	2.79 {9.80}	2.78 {9.79}	2.72 {9.57}	2.58 {9.07}
		5	2.65 {9.32}	2.70 {9.48}	2.70 {9.49}	2.68 {9.42}	2.59 {9.11}	2.43 {8.56}
		0	2.44 {8.57}	2.45 {8.60}	2.43 {8.54}	2.40 {8.44}	2.30 {8.08}	2.15 {7.55}
		-5	2.32 {8.16}	2.30 {8.08}	2.27 {7.97}	2.24 {7.86}	2.12 {7.46}	1.96 {6.90}
		-10	2.06 {7.23}	2.02 {7.10}	1.99 {6.98}	1.95 {6.85}	1.84 {6.46}	1.69 {5.95}
		-20	1.78 {6.25}	1.73 {6.07}	1.68 {5.92}	1.64 {5.78}	1.53 {5.38}	1.39 {4.88}
		-30	1.46 {5.13}	1.40 {4.92}	1.36 {4.78}	1.32 {4.65}	1.21 {4.27}	-
		-40	1.14 {4.00}	1.08 {3.81}	1.05 {3.68}	1.01 {3.56}	0.92 {3.25}	-
	34035BUS 34035DUS	10	3.87 {13.6}	3.98 {14.0}	4.04 {14.2}	4.01 {14.1}	3.92 {13.8}	3.75 {13.2}
		5	3.92 {13.8}	3.98 {14.0}	4.01 {14.1}	3.92 {13.8}	3.81 {13.4}	3.58 {12.6}
		0	3.67 {12.9}	3.70 {13.0}	3.67 {12.9}	3.61 {12.7}	3.44 {12.1}	3.21 {11.3}
		-5	3.33 {11.7}	3.30 {11.6}	3.27 {11.5}	3.19 {11.2}	3.04 {10.7}	2.57 {9.03}
		-10	3.07 {10.8}	3.01 {10.6}	2.96 {10.4}	2.90 {10.2}	2.75 {9.67}	2.52 {8.87}
		-20	2.60 {9.14}	2.53 {8.88}	2.46 {8.65}	2.41 {8.46}	2.24 {7.87}	2.03 {7.14}
		-30	2.19 {7.69}	2.11 {7.41}	2.04 {7.19}	1.99 {6.99}	1.83 {6.44}	-
		-40	1.71 {6.01}	1.63 {5.73}	1.57 {5.53}	1.52 {5.36}	1.39 {4.88}	-
	34045BUS 34045DUS	10	4.95 {17.4}	5.12 {18.0}	5.18 {18.2}	5.15 {18.1}	5.06 {17.8}	4.81 {16.9}
		5	5.03 {17.7}	5.12 {18.0}	5.09 {17.9}	5.09 {17.9}	4.89 {17.2}	4.64 {16.3}
		0	4.72 {16.6}	4.69 {16.5}	4.69 {16.5}	4.64 {16.3}	4.44 {15.6}	4.12 {14.5}
		-5	4.27 {15.0}	4.24 {14.9}	4.21 {14.8}	4.12 {14.5}	3.92 {13.8}	3.61 {12.7}
		-10	3.92 {13.8}	3.87 {13.6}	3.81 {13.4}	3.73 {13.1}	3.53 {12.4}	3.24 {11.4}
		-20	3.33 {11.7}	3.21 {11.3}	3.16 {11.1}	3.07 {10.8}	2.87 {10.1}	2.61 {9.18}
		-30	2.81 {9.88}	2.71 {9.52}	2.62 {9.23}	2.55 {8.98}	2.35 {8.27}	-
		-40	2.20 {7.72}	2.10 {7.37}	2.02 {7.10}	1.96 {6.89}	1.78 {6.27}	-
	57060DUS	10	6.54 {23.0}	6.80 {23.9}	6.88 {24.2}	6.85 {24.1}	6.71 {23.6}	6.37 {22.4}
		5	6.65 {23.4}	6.83 {24.0}	6.80 {23.9}	6.80 {23.9}	6.57 {23.1}	6.11 {21.5}
		0	6.31 {22.2}	6.31 {22.2}	6.29 {22.1}	6.20 {21.8}	5.94 {20.9}	5.55 {19.5}
		-5	5.83 {20.5}	5.80 {20.4}	5.72 {20.1}	5.60 {19.7}	5.35 {18.8}	4.95 {17.4}
		-10	5.46 {19.2}	5.37 {18.9}	5.29 {18.6}	5.18 {18.2}	4.89 {17.2}	4.49 {15.8}
		-20	4.64 {16.3}	4.52 {15.9}	4.41 {15.5}	4.29 {15.1}	3.98 {14.0}	3.61 {12.7}
		-30	3.92 {13.8}	3.78 {13.3}	3.67 {12.9}	3.55 {12.5}	3.27 {11.5}	-
		-40	3.27 {11.5}	3.13 {11.0}	3.04 {10.7}	2.93 {10.3}	2.68 {9.42}	-
57080DUS	10	8.79 {30.9}	9.13 {32.1}	9.24 {32.5}	9.21 {32.4}	9.02 {31.7}	8.56 {30.1}	
	5	9.02 {31.7}	9.10 {32.0}	9.10 {32.0}	9.02 {31.7}	8.73 {30.7}	8.22 {28.9}	
	0	8.50 {29.9}	8.50 {29.9}	8.47 {29.8}	8.36 {29.4}	8.02 {28.2}	7.48 {26.3}	
	-5	7.76 {27.3}	7.71 {27.1}	7.62 {26.8}	7.48 {26.3}	7.11 {25.0}	6.60 {23.2}	
	-10	7.31 {25.7}	7.22 {25.4}	7.08 {24.9}	6.97 {24.5}	6.57 {23.1}	6.00 {21.1}	
	-20	6.20 {21.8}	6.03 {21.2}	5.89 {20.7}	5.72 {20.1}	5.35 {18.8}	4.83 {17.0}	
	-30	5.26 {18.5}	5.06 {17.8}	4.92 {17.3}	4.78 {16.8}	4.38 {15.4}	-	
	-40	4.38 {15.4}	4.21 {14.8}	4.07 {14.3}	3.92 {13.8}	3.55 {12.5}	-	
71110DUS	10	12.3 {43.4}	12.9 {45.3}	13.0 {45.7}	13.0 {45.6}	12.7 {44.6}	12.0 {42.3}	
	5	12.3 {43.2}	12.5 {44.1}	12.5 {44.0}	12.4 {43.7}	12.0 {42.2}	11.3 {39.7}	
	0	11.8 {41.6}	11.9 {41.7}	11.8 {41.4}	11.6 {40.9}	11.2 {39.2}	10.4 {36.6}	
	-5	11.0 {38.7}	10.9 {38.4}	10.8 {38.0}	10.6 {37.3}	10.1 {35.5}	9.30 {32.7}	
	-10	10.1 {35.5}	9.81 {34.5}	9.67 {34.0}	9.47 {33.3}	8.93 {31.4}	8.28 {29.1}	
	-20	8.93 {31.4}	8.67 {30.5}	8.45 {29.7}	8.22 {28.9}	7.68 {27.0}	6.97 {24.5}	
	-30	7.45 {26.2}	7.14 {25.1}	6.94 {24.4}	6.74 {23.7}	6.20 {21.8}	-	
	-40	6.26 {22.0}	5.94 {20.9}	5.74 {20.2}	5.55 {19.5}	5.06 {17.8}	-	
71140DUS	10	15.5 {54.4}	16.1 {56.6}	16.3 {57.2}	16.2 {57.1}	15.9 {55.8}	15.1 {53.0}	
	5	15.7 {55.1}	16.0 {56.1}	16.0 {56.3}	15.8 {55.7}	15.3 {53.8}	14.4 {50.6}	
	0	14.8 {52.1}	14.9 {52.4}	14.8 {52.0}	14.6 {51.4}	14.0 {49.2}	13.0 {45.8}	
	-5	13.8 {48.5}	13.7 {48.2}	13.5 {47.6}	13.3 {46.8}	12.7 {44.5}	11.7 {41.1}	
	-10	13.0 {45.6}	12.8 {45.0}	12.6 {44.2}	12.3 {43.4}	11.6 {40.9}	10.7 {37.5}	
	-20	11.2 {39.3}	10.8 {38.1}	10.6 {37.2}	10.4 {36.4}	9.61 {33.8}	8.73 {30.7}	
	-30	9.36 {32.9}	8.99 {31.6}	8.73 {30.7}	8.47 {29.8}	7.79 {27.4}	-	
	-40	7.96 {28.0}	7.59 {26.7}	7.31 {25.7}	7.05 {24.8}	6.43 {22.6}	-	

R404A

Charge type : S <-40~10℃> Superheat change 4~5℃

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	71160DUS	10	17.6 {61.8}	18.3 {64.3}	18.5 {64.9}	18.4 {64.8}	18.0 {63.4}	17.1 {60.2}
		5	17.9 {63.0}	18.3 {64.2}	18.2 {64.0}	18.1 {63.7}	17.5 {61.6}	16.4 {57.8}
		0	17.0 {59.9}	17.1 {60.1}	17.0 {59.7}	16.8 {59.0}	16.1 {56.5}	15.0 {52.6}
		-5	15.7 {55.2}	15.6 {54.7}	15.4 {54.0}	15.1 {53.2}	14.4 {50.5}	13.3 {46.8}
		-10	14.7 {51.6}	14.4 {50.7}	14.2 {49.8}	13.9 {48.9}	13.1 {46.2}	12.1 {42.4}
		-20	12.7 {44.7}	12.4 {43.5}	12.1 {42.4}	11.8 {41.5}	11.0 {38.6}	9.93 {34.9}
		-30	10.6 {37.4}	10.2 {36.0}	9.78 {34.4}	9.70 {34.1}	8.87 {31.2}	-
		-40	9.07 {31.9}	8.62 {30.3}	8.39 {29.5}	8.13 {28.6}	7.34 {25.8}	-
	12220DUS	10	24.2 {85.1}	25.2 {88.6}	25.5 {89.5}	25.4 {89.3}	24.8 {87.3}	23.6 {82.9}
		5	24.6 {86.5}	25.1 {88.2}	25.1 {88.3}	24.9 {87.6}	24.1 {84.6}	22.6 {79.5}
		0	23.3 {81.9}	23.4 {82.2}	23.2 {81.7}	23.0 {80.7}	22.0 {77.3}	20.5 {72.0}
		-5	21.6 {76.0}	21.4 {75.4}	21.2 {74.5}	20.9 {73.4}	19.8 {69.6}	18.3 {64.4}
		-10	20.2 {71.1}	19.9 {70.0}	19.6 {68.8}	19.2 {67.5}	18.1 {63.7}	16.6 {58.5}
		-20	17.3 {60.7}	16.8 {59.0}	16.4 {57.5}	16.0 {56.2}	14.9 {52.3}	13.5 {47.3}
		-30	14.7 {51.7}	14.1 {49.7}	13.7 {48.2}	13.3 {46.9}	12.3 {43.1}	-
		-40	12.4 {43.7}	11.9 {41.7}	11.4 {40.2}	11.1 {38.9}	10.1 {35.4}	-
	12270DUS	10	29.9 {105}	31.0 {109}	31.3 {110}	31.3 {110}	30.4 {107}	29.0 {102}
		5	30.2 {106}	30.7 {108}	30.7 {108}	30.7 {108}	29.6 {104}	27.8 {97.6}
		0	28.7 {101}	28.7 {101}	28.7 {101}	28.3 {99.6}	27.1 {95.3}	25.3 {88.8}
		-5	26.7 {93.7}	26.5 {93.1}	26.1 {91.9}	25.7 {90.5}	24.4 {85.9}	22.6 {79.4}
		-10	24.9 {87.4}	24.5 {86.0}	24.1 {84.6}	23.6 {83.1}	22.3 {78.3}	20.4 {71.8}
		-20	21.3 {75.0}	20.7 {72.9}	20.2 {71.0}	19.8 {69.5}	18.4 {64.6}	16.6 {58.5}
		-30	18.1 {63.6}	17.4 {61.2}	16.9 {59.3}	16.4 {57.7}	15.1 {53.1}	-
		-40	15.2 {53.6}	14.5 {51.1}	14.0 {49.3}	13.6 {47.8}	12.4 {43.5}	-
	12330DUS	10	36.4 {128}	37.8 {133}	38.1 {134}	38.1 {134}	37.3 {131}	35.3 {124}
		5	37.0 {130}	37.5 {132}	37.5 {132}	37.3 {131}	36.1 {127}	33.8 {119}
		0	35.0 {123}	35.3 {124}	35.0 {123}	34.7 {122}	33.0 {116}	30.7 {108}
		-5	32.4 {114}	31.9 {112}	31.9 {112}	31.0 {109}	29.6 {104}	27.4 {96.4}
		-10	30.4 {107}	30.2 {106}	29.6 {104}	29.0 {102}	27.3 {95.9}	25.0 {88.0}
		-20	26.0 {91.5}	25.3 {88.9}	24.6 {86.6}	24.1 {84.7}	22.4 {78.8}	20.3 {71.3}
		-30	22.1 {77.6}	21.2 {74.7}	20.6 {72.4}	20.0 {70.4}	18.5 {64.9}	-
		-40	18.6 {65.4}	17.8 {62.4}	17.1 {60.1}	16.6 {58.3}	15.1 {53.1}	-
	12420DUS	10	46.1 {162}	50.1 {176}	50.6 {178}	50.1 {176}	49.2 {173}	44.9 {158}
		5	46.9 {165}	47.5 {167}	47.8 {168}	47.2 {166}	45.8 {161}	43.2 {152}
		0	45.5 {160}	45.5 {160}	45.2 {159}	44.7 {157}	42.7 {150}	40.1 {141}
		-5	42.7 {150}	42.1 {148}	41.8 {147}	41.0 {144}	39.0 {137}	36.1 {127}
		-10	40.4 {142}	39.8 {140}	39.0 {137}	38.1 {134}	36.1 {127}	33.0 {116}
		-20	34.7 {122}	33.6 {118}	33.0 {116}	32.1 {113}	30.2 {106}	27.2 {95.6}
		-30	29.6 {104}	28.4 {100}	27.6 {97.1}	26.9 {94.5}	24.7 {87.0}	-
		-40	25.2 {88.6}	24.0 {84.4}	23.2 {81.4}	22.4 {78.8}	20.4 {71.8}	-
	12500DUS	10	54.9 {193}	57.2 {201}	57.7 {203}	57.7 {203}	56.3 {198}	53.5 {188}
		5	55.7 {196}	56.9 {200}	56.9 {200}	56.3 {198}	54.3 {191}	51.5 {181}
		0	54.3 {191}	54.3 {191}	54.0 {190}	53.5 {188}	51.2 {180}	47.5 {167}
		-5	50.9 {179}	50.3 {177}	49.8 {175}	48.9 {172}	46.4 {163}	42.9 {151}
		-10	48.1 {169}	47.2 {166}	46.4 {163}	45.5 {160}	42.7 {150}	39.5 {139}
		-20	41.5 {146}	40.1 {141}	39.5 {139}	38.7 {136}	35.8 {126}	32.7 {115}
		-30	35.3 {124}	34.1 {120}	33.0 {116}	31.9 {112}	29.6 {104}	-
		-40	30.2 {106}	28.7 {101}	27.7 {97.3}	26.9 {94.4}	24.4 {85.8}	-

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}				
Type	Model		Condensing temp. (℃)				
			20	30	38	40	50
ATX-	34006BUSL 34006DUSL	-25	0.42 {1.46}	0.41 {1.43}	0.38 {1.34}	0.38 {1.32}	0.30 {1.05}
		-30	0.36 {1.28}	0.36 {1.25}	0.33 {1.16}	0.32 {1.14}	0.26 {0.90}
		-40	0.30 {1.06}	0.29 {1.02}	0.26 {0.93}	0.26 {0.91}	0.20 {0.70}
		-50	0.20 {0.71}	0.19 {0.68}	0.17 {0.61}	0.17 {0.60}	0.13 {0.45}
		-60	0.14 {0.49}	0.13 {0.46}	0.12 {0.41}	0.11 {0.40}	0.08 {0.29}
	34013BUSL 34013DUSL	-25	0.97 {3.42}	0.96 {3.37}	0.90 {3.18}	0.88 {3.09}	0.73 {2.58}
		-30	0.90 {3.18}	0.88 {3.10}	0.82 {2.90}	0.80 {2.82}	0.66 {2.33}
		-40	0.77 {2.70}	0.74 {2.59}	0.68 {2.40}	0.66 {2.32}	0.53 {1.87}
		-50	0.58 {2.04}	0.55 {1.94}	0.50 {1.77}	0.49 {1.71}	0.38 {1.35}
		-60	0.40 {1.40}	0.38 {1.32}	0.34 {1.20}	0.33 {1.15}	0.25 {0.88}
	34023BUSL 34023DUSL	-25	1.64 {5.77}	1.62 {5.68}	1.52 {5.34}	1.48 {5.20}	1.23 {4.34}
		-30	1.50 {5.26}	1.46 {5.13}	1.36 {4.78}	1.32 {4.65}	1.09 {3.84}
		-40	1.18 {4.16}	1.14 {4.00}	1.05 {3.68}	1.02 {3.57}	0.82 {2.88}
		-50	0.92 {3.24}	0.88 {3.08}	0.80 {2.81}	0.77 {2.71}	0.61 {2.13}
		-60	0.56 {1.96}	0.53 {1.85}	0.47 {1.67}	0.46 {1.61}	0.35 {1.23}
	34035BUSL 34035DUSL	-25	2.46 {8.64}	2.42 {8.51}	2.28 {8.01}	2.22 {7.80}	1.85 {6.52}
		-30	2.24 {7.88}	2.19 {7.69}	2.04 {7.19}	1.99 {6.99}	1.64 {5.77}
		-40	1.78 {6.27}	1.71 {6.02}	1.58 {5.56}	1.53 {5.39}	1.23 {4.34}
		-50	1.32 {4.64}	1.25 {4.40}	1.14 {4.02}	1.10 {3.88}	0.87 {3.06}
		-60	0.98 {3.46}	0.93 {3.27}	0.84 {2.96}	0.81 {2.85}	0.62 {2.18}
	34045BUSL 34045DUSL	-25	3.24 {11.4}	3.19 {11.2}	3.01 {10.6}	2.93 {10.3}	2.45 {8.61}
		-30	2.87 {10.1}	2.81 {9.88}	2.62 {9.23}	2.55 {8.98}	2.11 {7.42}
		-40	2.38 {8.36}	2.28 {8.02}	2.10 {7.40}	2.04 {7.17}	1.64 {5.78}
		-50	1.86 {6.55}	1.77 {6.22}	1.62 {5.68}	1.56 {5.49}	1.23 {4.32}
		-60	1.37 {4.80}	1.29 {4.53}	1.17 {4.10}	1.12 {3.95}	0.86 {3.03}
	57060DUSL	-25	4.35 {15.3}	4.29 {15.1}	4.04 {14.2}	3.92 {13.8}	3.27 {11.5}
		-30	4.04 {14.2}	3.92 {13.8}	3.67 {12.9}	3.55 {12.5}	2.93 {10.3}
		-40	3.44 {12.1}	3.30 {11.6}	3.04 {10.7}	2.93 {10.3}	2.37 {8.32}
		-50	2.62 {9.21}	2.49 {8.75}	2.28 {8.00}	2.19 {7.69}	1.72 {6.05}
		-60	1.72 {6.05}	1.62 {5.71}	1.47 {5.18}	1.41 {4.96}	1.08 {3.81}
	57080DUSL	-25	5.89 {20.7}	5.77 {20.3}	5.46 {19.2}	5.32 {18.7}	4.44 {15.6}
		-30	5.40 {19.0}	5.26 {18.5}	4.92 {17.3}	4.78 {16.8}	3.95 {13.9}
		-40	4.58 {16.1}	4.41 {15.5}	4.07 {14.3}	3.92 {13.8}	3.19 {11.2}
		-50	3.55 {12.5}	3.38 {11.9}	3.07 {10.8}	2.96 {10.4}	2.34 {8.22}
		-60	2.32 {8.15}	2.19 {7.69}	1.98 {6.96}	1.91 {6.70}	1.46 {5.14}
	71110DUSL	-25	8.30 {29.2}	8.19 {28.8}	7.68 {27.0}	7.48 {26.3}	6.26 {22.0}
		-30	7.65 {26.9}	7.45 {26.2}	6.94 {24.4}	6.74 {23.7}	5.57 {19.6}
		-40	6.51 {22.9}	6.26 {22.0}	5.77 {20.3}	5.57 {19.6}	4.49 {15.8}
		-50	4.64 {16.3}	4.41 {15.5}	4.01 {14.1}	3.87 {13.6}	3.04 {10.7}
		-60	3.10 {10.9}	2.93 {10.3}	2.64 {9.28}	2.54 {8.92}	1.95 {6.84}
	71140DUSL	-25	10.4 {36.6}	10.3 {36.1}	9.64 {33.9}	9.38 {33.0}	7.85 {27.6}
		-30	9.58 {33.7}	9.36 {32.9}	8.73 {30.7}	8.47 {29.8}	7.00 {24.6}
		-40	8.28 {29.1}	7.96 {28.0}	7.34 {25.8}	7.08 {24.9}	5.72 {20.1}
		-50	6.03 {21.2}	5.74 {20.2}	5.23 {18.4}	5.03 {17.7}	3.95 {13.9}
		-60	3.92 {13.8}	3.70 {13.0}	3.36 {11.8}	3.21 {11.3}	2.47 {8.70}
	71160DUSL	-25	11.9 {41.7}	11.7 {41.1}	11.0 {38.7}	10.8 {37.8}	8.99 {31.6}
		-30	10.9 {38.3}	10.6 {37.4}	10.0 {35.0}	9.70 {34.1}	8.02 {28.2}
		-40	8.65 {30.4}	9.07 {31.9}	8.39 {29.5}	8.13 {28.6}	6.57 {23.1}
		-50	6.91 {24.3}	6.57 {23.1}	6.00 {21.1}	5.80 {20.4}	4.58 {16.1}
		-60	4.52 {15.9}	4.27 {15.0}	3.87 {13.6}	3.73 {13.1}	2.87 {10.1}
	12220DUSL	-25	16.2 {57.1}	16.0 {56.2}	15.0 {52.8}	14.7 {51.5}	12.2 {43.0}
		-30	15.1 {53.0}	14.7 {51.7}	13.7 {48.2}	13.3 {46.9}	11.0 {38.7}
		-40	13.0 {45.6}	12.5 {43.8}	11.5 {40.4}	11.1 {39.1}	8.96 {31.5}
		-50	9.53 {33.5}	9.04 {31.8}	8.25 {29.0}	7.96 {28.0}	6.29 {22.1}
		-60	6.26 {22.0}	5.89 {20.7}	5.32 {18.7}	5.12 {18.0}	3.92 {13.8}
	12270DUSL	-25	20.0 {70.4}	19.7 {69.3}	18.5 {65.1}	18.0 {63.4}	15.1 {53.0}
		-30	18.5 {65.2}	18.1 {63.6}	16.9 {59.3}	16.4 {57.6}	13.5 {47.6}
		-40	15.9 {56.0}	15.3 {53.8}	14.1 {49.5}	13.6 {47.9}	11.0 {38.7}
		-50	11.6 {40.8}	11.0 {38.7}	10.0 {35.3}	9.67 {34.0}	7.62 {26.8}
		-60	7.56 {26.6}	7.14 {25.1}	6.43 {22.6}	6.20 {21.8}	4.75 {16.7}
	12330DUSL	-25	24.5 {86.0}	24.1 {84.7}	22.6 {79.6}	22.1 {77.6}	18.4 {64.8}
		-30	22.6 {79.5}	22.1 {77.6}	20.6 {72.4}	20.0 {70.4}	16.5 {58.1}
		-40	19.4 {68.2}	18.6 {65.5}	17.2 {60.3}	16.6 {58.4}	13.4 {47.1}
		-50	14.3 {50.1}	13.5 {47.6}	12.3 {43.4}	11.9 {41.9}	9.38 {33.0}
		-60	9.21 {32.4}	8.70 {30.6}	7.85 {27.6}	7.56 {26.6}	5.80 {20.4}
	12420DUSL	-25	32.7 {115}	32.1 {113}	30.4 {107}	29.6 {104}	24.8 {87.1}
		-30	30.2 {106}	29.6 {104}	27.6 {97.1}	26.9 {94.6}	22.2 {78.1}
		-40	26.2 {92.1}	25.1 {88.4}	23.2 {81.6}	22.6 {79.3}	18.2 {63.9}
		-50	19.6 {68.8}	18.6 {65.3}	17.0 {59.7}	16.4 {57.8}	12.9 {45.5}
		-60	13.0 {45.6}	12.2 {43.0}	11.1 {39.0}	10.7 {37.6}	8.22 {28.9}
	12500DUSL	-25	39.0 {137}	38.4 {135}	36.1 {127}	35.0 {123}	29.3 {103}
		-30	36.1 {127}	35.3 {124}	33.0 {116}	31.9 {112}	26.3 {92.5}
		-40	31.3 {110}	30.2 {106}	27.8 {97.7}	26.7 {94.0}	21.6 {75.8}
		-50	23.2 {81.4}	22.0 {77.3}	20.1 {70.7}	19.3 {67.8}	15.2 {53.3}
		-60	15.4 {54.3}	14.6 {51.3}	13.2 {46.5}	12.6 {44.4}	9.70 {34.1}

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	34006BPS 34006DPS	10	0.90 {3.16}	0.97 {3.42}	1.01 {3.54}	1.02 {3.59}	1.05 {3.69}	1.05 {3.70}
		5	0.93 {3.27}	0.98 {3.43}	1.00 {3.51}	1.01 {3.54}	1.02 {3.60}	1.03 {3.62}
		0	0.90 {3.15}	0.93 {3.27}	0.94 {3.32}	0.95 {3.34}	0.96 {3.37}	0.96 {3.36}
		-5	0.87 {3.07}	0.89 {3.13}	0.90 {3.17}	0.90 {3.18}	0.91 {3.19}	0.89 {3.14}
		-10	0.80 {2.81}	0.71 {2.49}	0.83 {2.91}	0.83 {2.91}	0.83 {2.91}	0.81 {2.86}
		-20	0.68 {2.40}	0.69 {2.43}	0.69 {2.44}	0.69 {2.43}	0.69 {2.41}	0.67 {2.37}
		-30	0.56 {1.96}	0.55 {1.95}	0.56 {1.96}	0.55 {1.95}	0.55 {1.94}	-
	-40	0.47 {1.64}	0.46 {1.61}	0.46 {1.61}	0.46 {1.61}	0.45 {1.57}	-	
	34013BPS 34013DPS	10	2.01 {7.06}	2.15 {7.56}	2.22 {7.79}	2.22 {7.79}	2.31 {8.11}	2.33 {8.18}
		5	2.05 {7.22}	2.15 {7.57}	2.20 {7.74}	2.22 {7.81}	2.26 {7.93}	2.26 {7.93}
		0	1.88 {6.62}	1.96 {6.90}	1.99 {7.01}	2.01 {7.06}	2.02 {7.12}	2.01 {7.08}
		-5	1.71 {6.03}	1.76 {6.19}	1.78 {6.27}	1.79 {6.28}	1.79 {6.30}	1.78 {6.25}
		-10	1.65 {5.80}	1.44 {5.05}	1.69 {5.93}	1.69 {5.93}	1.68 {5.92}	1.66 {5.85}
		-20	1.44 {5.08}	1.46 {5.13}	1.46 {5.15}	1.46 {5.14}	1.45 {5.10}	1.42 {4.99}
		-30	1.28 {4.50}	1.28 {4.51}	1.28 {4.51}	1.28 {4.49}	1.26 {4.43}	-
	-40	1.11 {3.90}	1.10 {3.88}	1.10 {3.88}	1.10 {3.86}	1.08 {3.79}	-	
	34023BPS 34023DPS	10	3.44 {12.1}	3.67 {12.9}	3.78 {13.3}	3.84 {13.5}	3.92 {13.8}	3.98 {14.0}
		5	3.44 {12.1}	3.64 {12.8}	3.70 {13.0}	3.73 {13.1}	3.78 {13.3}	3.81 {13.4}
		0	3.24 {11.4}	3.38 {11.9}	3.44 {12.1}	3.44 {12.1}	3.47 {12.2}	3.47 {12.2}
		-5	3.10 {10.9}	3.21 {11.3}	3.24 {11.4}	3.24 {11.4}	3.27 {11.5}	3.21 {11.3}
		-10	2.79 {9.80}	2.84 {9.99}	2.87 {10.1}	2.87 {10.1}	2.87 {10.1}	2.80 {9.86}
		-20	2.47 {8.69}	2.49 {8.75}	2.50 {8.78}	2.49 {8.75}	2.47 {8.68}	2.42 {8.51}
		-30	2.09 {7.34}	2.09 {7.34}	2.09 {7.34}	2.08 {7.31}	2.05 {7.21}	-
	-40	1.68 {5.90}	1.68 {5.90}	1.68 {5.89}	1.67 {5.86}	1.64 {5.76}	-	
	34035BPS 34035DPS	10	5.15 {18.1}	5.52 {19.4}	5.69 {20.0}	5.77 {20.3}	5.94 {20.9}	6.00 {21.1}
		5	5.26 {18.5}	5.52 {19.4}	5.69 {20.0}	5.72 {20.1}	5.80 {20.4}	5.83 {20.5}
		0	5.01 {17.6}	5.15 {18.1}	5.26 {18.5}	5.26 {18.5}	5.35 {18.8}	5.32 {18.7}
		-5	4.58 {16.1}	4.66 {16.4}	4.75 {16.7}	4.75 {16.7}	4.78 {16.8}	4.72 {16.6}
		-10	4.24 {14.9}	4.32 {15.2}	4.35 {15.3}	4.32 {15.2}	4.35 {15.3}	4.29 {15.1}
		-20	3.67 {12.9}	3.70 {13.0}	3.70 {13.0}	3.70 {13.0}	3.64 {12.8}	3.58 {12.6}
		-30	3.19 {11.2}	3.21 {11.3}	3.19 {11.2}	3.19 {11.2}	3.13 {11.0}	-
	-40	2.58 {9.07}	2.58 {9.07}	2.57 {9.05}	2.56 {9.00}	2.52 {8.85}	-	
	34045BPS 34045DPS	10	6.60 {23.2}	7.08 {24.9}	7.31 {25.7}	7.39 {26.0}	7.59 {26.7}	7.68 {27.0}
		5	6.74 {23.7}	7.08 {24.9}	7.20 {25.3}	7.31 {25.7}	7.42 {26.1}	7.48 {26.3}
		0	6.40 {22.5}	6.65 {23.4}	6.77 {23.8}	6.80 {23.9}	6.85 {24.1}	6.83 {24.0}
		-5	5.89 {20.7}	6.03 {21.2}	6.11 {21.5}	6.11 {21.5}	6.14 {21.6}	6.09 {21.4}
		-10	5.46 {19.2}	5.55 {19.5}	5.57 {19.6}	5.57 {19.6}	5.55 {19.5}	5.52 {19.4}
		-20	4.69 {16.5}	4.72 {16.6}	4.75 {16.7}	4.72 {16.6}	4.69 {16.5}	4.61 {16.2}
		-30	4.07 {14.3}	4.10 {14.4}	4.10 {14.4}	4.10 {14.4}	4.04 {14.2}	-
	-40	3.33 {11.7}	3.33 {11.7}	3.30 {11.6}	3.30 {11.6}	3.24 {11.4}	-	
	57060DPS	10	9.07 {31.9}	9.75 {34.3}	10.1 {35.4}	10.2 {35.9}	10.5 {36.8}	10.6 {37.2}
		5	9.30 {32.7}	9.75 {34.3}	9.98 {35.1}	10.1 {35.4}	10.2 {36.0}	10.3 {36.1}
		0	8.87 {31.2}	9.21 {32.4}	9.38 {33.0}	9.41 {33.1}	9.53 {33.5}	9.47 {33.3}
		-5	8.28 {29.1}	8.53 {30.0}	8.62 {30.3}	8.62 {30.3}	8.67 {30.5}	8.59 {30.2}
		-10	7.82 {27.5}	7.99 {28.1}	8.05 {28.3}	8.02 {28.2}	8.05 {28.3}	7.93 {27.9}
		-20	6.80 {23.9}	6.85 {24.1}	6.88 {24.2}	6.83 {24.0}	6.80 {23.9}	6.65 {23.4}
		-30	5.92 {20.8}	5.92 {20.8}	5.92 {20.8}	5.89 {20.7}	5.83 {20.5}	-
	-40	5.15 {18.1}	5.12 {18.0}	5.12 {18.0}	5.12 {18.0}	5.01 {17.6}	-	
57080DPS	10	12.1 {42.7}	13.0 {45.8}	13.5 {47.3}	13.7 {48.0}	14.0 {49.2}	14.2 {49.8}	
	5	12.4 {43.7}	13.1 {46.0}	13.4 {47.1}	13.5 {47.5}	13.7 {48.3}	13.7 {48.3}	
	0	11.9 {41.9}	12.4 {43.5}	12.6 {44.2}	12.6 {44.4}	12.8 {44.9}	12.7 {44.6}	
	-5	11.0 {38.7}	11.3 {39.7}	11.4 {40.2}	11.5 {40.3}	11.5 {40.4}	11.4 {40.0}	
	-10	10.5 {36.8}	10.7 {37.5}	10.8 {37.8}	10.8 {37.8}	10.7 {37.7}	10.6 {37.2}	
	-20	9.04 {31.8}	9.16 {32.2}	9.16 {32.2}	9.16 {32.2}	9.04 {31.8}	8.87 {31.2}	
	-30	7.93 {27.9}	7.96 {28.0}	7.93 {27.9}	7.91 {27.8}	7.79 {27.4}	-	
-40	6.85 {24.1}	6.83 {24.0}	6.83 {24.0}	6.80 {23.9}	6.65 {23.4}	-		
71110DPS	10	17.3 {60.7}	18.3 {64.2}	18.8 {66.2}	19.1 {67.1}	19.6 {68.9}	19.8 {69.6}	
	5	17.1 {60.0}	17.9 {63.0}	18.3 {64.3}	18.5 {65.0}	18.8 {66.2}	18.8 {66.2}	
	0	16.5 {58.1}	17.2 {60.3}	17.4 {61.3}	17.6 {61.7}	17.7 {62.1}	17.6 {61.8}	
	-5	15.5 {54.5}	15.9 {55.9}	16.1 {56.6}	16.2 {56.8}	16.2 {56.9}	16.0 {56.4}	
	-10	14.4 {50.5}	14.7 {51.5}	14.8 {51.9}	14.8 {52.0}	14.7 {51.8}	14.6 {51.2}	
	-20	13.0 {45.7}	13.1 {46.1}	13.1 {46.2}	13.1 {46.1}	13.0 {45.6}	12.7 {44.8}	
	-30	11.2 {39.3}	11.2 {39.3}	11.2 {39.3}	11.1 {39.1}	11.0 {38.6}	-	
-40	9.70 {34.1}	9.70 {34.1}	9.70 {34.1}	9.64 {33.9}	9.50 {33.4}	-		

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	71140DPS	10	21.2 {74.7}	22.8 {80.2}	23.5 {82.7}	23.9 {83.9}	24.5 {86.2}	24.7 {86.9}
		5	21.7 {76.2}	22.8 {80.1}	23.3 {81.9}	23.5 {82.6}	23.9 {83.9}	23.9 {84.1}
		0	20.7 {72.7}	21.5 {75.5}	21.8 {76.7}	21.9 {77.1}	22.1 {77.8}	22.0 {77.4}
		-5	19.4 {68.2}	19.8 {69.6}	20.0 {70.4}	20.1 {70.7}	20.2 {70.9}	20.1 {70.5}
		-10	18.4 {64.7}	18.8 {66.1}	18.9 {66.5}	18.9 {66.5}	18.9 {66.4}	18.7 {65.6}
		-20	16.2 {57.1}	16.4 {57.6}	16.4 {57.8}	16.4 {57.6}	16.2 {57.1}	15.9 {56.0}
		-30	14.0 {49.2}	14.1 {49.4}	14.1 {49.4}	14.0 {49.1}	13.8 {48.5}	-
		-40	12.3 {43.3}	12.3 {43.3}	12.3 {43.2}	12.3 {43.2}	12.0 {42.2}	-
	71160DPS	10	24.3 {85.4}	26.1 {91.7}	26.9 {94.6}	27.3 {96.0}	28.0 {98.5}	28.3 {99.4}
		5	24.9 {87.6}	26.2 {92.1}	26.8 {94.2}	27.1 {95.1}	27.5 {96.6}	27.5 {96.8}
		0	23.9 {84.0}	24.8 {87.2}	25.2 {88.5}	25.3 {89.0}	25.5 {89.8}	25.5 {89.5}
		-5	22.2 {78.1}	22.8 {80.3}	23.1 {81.2}	23.2 {81.4}	23.2 {81.6}	23.0 {80.8}
		-10	20.9 {73.6}	21.4 {75.1}	21.5 {75.7}	21.5 {75.7}	21.5 {75.5}	21.2 {74.5}
		-20	18.5 {64.9}	18.8 {66.1}	18.8 {66.2}	18.8 {66.1}	18.6 {65.4}	18.3 {64.2}
		-30	16.0 {56.3}	16.2 {56.8}	16.1 {56.5}	16.0 {56.2}	15.8 {55.5}	-
		-40	14.1 {49.6}	14.2 {49.8}	14.1 {49.5}	14.0 {49.3}	13.8 {48.4}	-
	12220DPS	10	33.6 {118}	36.1 {127}	37.3 {131}	37.8 {133}	38.7 {136}	39.0 {137}
		5	34.4 {121}	35.8 {126}	37.0 {130}	37.3 {131}	37.5 {132}	38.1 {134}
		0	32.7 {115}	34.1 {120}	34.7 {122}	34.7 {122}	35.0 {123}	35.0 {123}
		-5	30.7 {108}	31.6 {111}	31.9 {112}	31.9 {112}	32.1 {113}	31.6 {111}
		-10	29.0 {102}	29.6 {104}	29.9 {105}	29.9 {105}	29.6 {104}	29.3 {103}
		-20	25.3 {88.8}	25.5 {89.6}	25.5 {89.8}	25.5 {89.7}	25.3 {88.8}	24.7 {87.0}
		-30	22.1 {77.7}	22.2 {78.1}	22.2 {78.0}	22.1 {77.7}	21.8 {76.6}	-
		-40	19.4 {68.2}	19.4 {68.2}	19.3 {68.0}	19.3 {67.7}	18.9 {66.6}	-
	12270DPS	10	41.0 {144}	43.5 {153}	44.9 {158}	45.5 {160}	46.6 {164}	47.5 {167}
		5	41.5 {146}	43.8 {154}	44.9 {158}	45.5 {160}	45.8 {161}	46.1 {162}
		0	39.8 {140}	41.2 {145}	42.1 {148}	42.4 {149}	42.7 {150}	42.7 {150}
		-5	37.5 {132}	38.1 {134}	38.7 {136}	38.7 {136}	38.7 {136}	38.4 {135}
		-10	35.3 {124}	35.6 {125}	36.1 {127}	35.8 {126}	35.8 {126}	35.8 {126}
		-20	30.7 {108}	31.3 {110}	31.3 {110}	31.3 {110}	31.0 {109}	30.2 {106}
		-30	26.9 {94.5}	27.0 {94.9}	27.0 {94.8}	26.9 {94.4}	26.5 {93.1}	-
		-40	23.5 {82.7}	23.5 {82.7}	23.5 {82.5}	23.4 {82.1}	23.0 {80.8}	-
	12330DPS	10	49.8 {175}	53.5 {188}	55.2 {194}	56.0 {197}	57.5 {202}	58.0 {204}
		5	51.2 {180}	53.5 {188}	54.9 {193}	55.2 {194}	56.3 {198}	56.6 {199}
		0	48.9 {172}	50.6 {178}	51.8 {182}	51.8 {182}	52.3 {184}	52.0 {183}
		-5	45.8 {161}	46.6 {164}	47.5 {167}	47.5 {167}	47.8 {168}	47.2 {166}
		-10	43.2 {152}	44.1 {155}	44.7 {157}	44.4 {156}	44.4 {156}	43.8 {154}
		-20	37.8 {133}	38.4 {135}	38.4 {135}	38.1 {134}	37.8 {133}	37.3 {131}
		-30	33.0 {116}	33.3 {117}	33.0 {116}	33.0 {116}	32.4 {114}	-
		-40	28.7 {101}	28.7 {101}	28.7 {101}	28.7 {101}	28.2 {99.0}	-
	12420DPS	10	63.1 {222}	67.7 {238}	70.0 {246}	71.1 {250}	72.8 {256}	73.7 {259}
		5	64.6 {227}	67.7 {238}	69.7 {245}	70.5 {248}	71.4 {251}	71.7 {252}
		0	63.1 {222}	65.7 {231}	66.6 {234}	66.8 {235}	67.4 {237}	67.1 {236}
		-5	59.7 {210}	61.4 {216}	62.0 {218}	62.0 {218}	62.3 {219}	61.7 {217}
		-10	56.9 {200}	57.7 {203}	58.6 {206}	58.6 {206}	58.0 {204}	57.7 {203}
		-20	50.6 {178}	50.9 {179}	51.2 {180}	50.9 {179}	50.6 {178}	49.8 {175}
		-30	44.1 {155}	44.1 {155}	44.1 {155}	43.8 {154}	43.2 {152}	-
		-40	38.7 {136}	38.7 {136}	39.0 {137}	38.7 {136}	37.8 {133}	-
12500DPS	10	75.9 {267}	81.3 {286}	83.9 {295}	85.3 {300}	87.3 {307}	88.2 {310}	
	5	77.6 {273}	81.6 {287}	83.3 {293}	83.9 {295}	85.3 {300}	85.6 {301}	
	0	75.7 {266}	78.8 {277}	80.2 {282}	80.5 {283}	81.1 {285}	80.8 {284}	
	-5	72.0 {253}	73.7 {259}	74.5 {262}	74.8 {263}	75.1 {264}	74.2 {261}	
	-10	68.5 {241}	70.0 {246}	70.5 {248}	70.5 {248}	70.5 {248}	69.4 {244}	
	-20	60.9 {214}	60.9 {214}	61.4 {216}	60.9 {214}	60.6 {213}	59.4 {209}	
	-30	52.9 {186}	53.2 {187}	53.2 {187}	52.9 {186}	52.3 {184}	-	
	-40	46.9 {165}	46.6 {164}	46.6 {164}	46.4 {163}	45.5 {160}	-	

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	34006BC1S 34006DC1S	10	0.84 {2.96}	0.92 {3.23}	0.93 {3.27}	0.94 {3.31}	0.96 {3.36}	0.95 {3.33}
		5	0.89 {3.12}	0.93 {3.28}	0.94 {3.30}	0.94 {3.32}	0.94 {3.32}	0.94 {3.31}
		0	0.81 {2.84}	0.84 {2.95}	0.84 {2.96}	0.84 {2.97}	0.84 {2.96}	0.83 {2.92}
		-5	0.81 {2.86}	0.83 {2.91}	0.82 {2.90}	0.82 {2.90}	0.81 {2.86}	0.80 {2.80}
		-10	0.72 {2.53}	0.74 {2.60}	0.74 {2.59}	0.73 {2.58}	0.72 {2.54}	0.70 {2.47}
		-20	0.61 {2.16}	0.62 {2.17}	0.62 {2.17}	0.61 {2.15}	0.59 {2.09}	0.58 {2.04}
		-30	0.50 {1.75}	0.49 {1.74}	0.49 {1.73}	0.49 {1.72}	0.47 {1.67}	-
		-40	0.41 {1.45}	0.40 {1.42}	0.40 {1.41}	0.40 {1.40}	0.38 {1.34}	-
	34013BC1S 34013DC1S	10	1.78 {6.27}	1.93 {6.78}	1.95 {6.86}	1.97 {6.94}	2.00 {7.05}	2.00 {7.05}
		5	1.87 {6.57}	1.96 {6.90}	1.97 {6.94}	1.99 {6.99}	1.99 {7.00}	1.97 {6.92}
		0	1.70 {5.98}	1.78 {6.25}	1.78 {6.26}	1.79 {6.29}	1.78 {6.25}	1.75 {6.17}
		-5	1.60 {5.62}	1.64 {5.75}	1.64 {5.75}	1.63 {5.74}	1.61 {5.66}	1.58 {5.56}
		-10	1.48 {5.22}	1.50 {5.29}	1.50 {5.27}	1.50 {5.27}	1.47 {5.17}	1.44 {5.07}
		-20	1.30 {4.57}	1.31 {4.59}	1.30 {4.57}	1.29 {4.54}	1.26 {4.42}	1.23 {4.31}
		-30	1.14 {4.02}	1.14 {4.01}	1.13 {3.97}	1.12 {3.94}	1.08 {3.81}	-
		-40	0.98 {3.46}	0.97 {3.42}	0.96 {3.39}	0.96 {3.36}	0.92 {3.23}	-
	34023BC1S 34023DC1S	10	3.10 {10.9}	3.33 {11.7}	3.38 {11.9}	3.41 {12.0}	3.47 {12.2}	3.53 {12.4}
		5	3.19 {11.2}	3.36 {11.8}	3.38 {11.9}	3.38 {11.9}	3.38 {11.9}	3.38 {11.9}
		0	2.93 {10.3}	3.04 {10.7}	3.04 {10.7}	3.07 {10.8}	3.04 {10.7}	3.01 {10.6}
		-5	2.90 {10.2}	2.96 {10.4}	2.96 {10.4}	2.96 {10.4}	2.93 {10.3}	2.87 {10.1}
		-10	2.51 {8.83}	2.55 {8.98}	2.55 {8.95}	2.54 {8.93}	2.49 {8.77}	2.43 {8.55}
		-20	2.22 {7.80}	2.23 {7.84}	2.21 {7.78}	2.20 {7.74}	2.14 {7.54}	2.08 {7.33}
		-30	1.87 {6.56}	1.86 {6.53}	1.84 {6.46}	1.83 {6.42}	1.77 {6.21}	-
		-40	1.49 {5.24}	1.48 {5.21}	1.46 {5.15}	1.45 {5.10}	1.40 {4.92}	-
	34035BC1S 34035DC1S	10	4.66 {16.4}	5.03 {17.7}	5.09 {17.9}	5.18 {18.2}	5.26 {18.5}	5.26 {18.5}
		5	4.86 {17.1}	5.12 {18.0}	5.15 {18.1}	5.18 {18.2}	5.20 {18.3}	5.18 {18.2}
		0	4.52 {15.9}	4.66 {16.4}	4.69 {16.5}	4.69 {16.5}	4.69 {16.5}	4.61 {16.2}
		-5	4.27 {15.0}	4.32 {15.2}	4.35 {15.3}	4.35 {15.3}	4.27 {15.0}	4.21 {14.8}
		-10	3.81 {13.4}	3.90 {13.7}	3.87 {13.6}	3.84 {13.5}	3.78 {13.3}	3.70 {13.0}
		-20	3.27 {11.5}	3.30 {11.6}	3.30 {11.6}	3.27 {11.5}	3.16 {11.1}	3.10 {10.9}
		-30	2.83 {9.96}	2.84 {10.0}	2.80 {9.86}	2.81 {9.87}	2.69 {9.47}	-
		-40	2.29 {8.05}	2.28 {8.00}	2.25 {7.91}	2.23 {7.84}	2.15 {7.55}	-
	34045BC1S 34045DC1S	10	5.97 {21.0}	6.46 {22.7}	6.54 {23.0}	6.63 {23.3}	6.71 {23.6}	6.74 {23.7}
		5	6.23 {21.9}	6.57 {23.1}	6.63 {23.3}	6.65 {23.4}	6.65 {23.4}	6.63 {23.3}
		0	5.77 {20.3}	6.03 {21.2}	6.03 {21.2}	6.06 {21.3}	6.00 {21.1}	5.94 {20.9}
		-5	5.49 {19.3}	5.40 {19.0}	5.57 {19.6}	5.57 {19.6}	5.52 {19.4}	5.40 {19.0}
		-10	4.92 {17.3}	5.01 {17.6}	4.95 {17.4}	4.95 {17.4}	4.83 {17.0}	4.75 {16.7}
		-20	4.21 {14.8}	4.21 {14.8}	4.21 {14.8}	4.18 {14.7}	4.07 {14.3}	3.98 {14.0}
		-30	3.61 {12.7}	3.64 {12.8}	3.61 {12.7}	3.58 {12.6}	3.47 {12.2}	-
		-40	2.96 {10.4}	2.93 {10.3}	2.90 {10.2}	2.87 {10.1}	2.77 {9.75}	-
	57060DC1S	10	8.22 {28.9}	8.87 {31.2}	9.02 {31.7}	9.13 {32.1}	9.27 {32.6}	9.24 {32.5}
		5	8.62 {30.3}	9.04 {31.8}	9.10 {32.0}	9.13 {32.1}	9.19 {32.3}	9.13 {32.1}
		0	8.02 {28.2}	8.33 {29.3}	8.36 {29.4}	8.39 {29.5}	8.36 {29.4}	8.25 {29.0}
		-5	7.71 {27.1}	7.91 {27.8}	7.88 {27.7}	7.88 {27.7}	7.76 {27.3}	7.65 {26.9}
		-10	7.02 {24.7}	7.17 {25.2}	7.17 {25.2}	7.14 {25.1}	7.00 {24.6}	6.85 {24.1}
		-20	6.09 {21.4}	6.11 {21.5}	6.09 {21.4}	6.03 {21.2}	5.89 {20.7}	5.74 {20.2}
		-30	5.26 {18.5}	5.29 {18.6}	5.23 {18.4}	5.18 {18.2}	5.01 {17.6}	-
		-40	4.55 {16.0}	4.52 {15.9}	4.49 {15.8}	4.46 {15.7}	4.29 {15.1}	-
57080DC1S	10	11.0 {38.6}	11.9 {41.8}	12.0 {42.3}	12.2 {42.9}	12.4 {43.5}	12.4 {43.6}	
	5	11.5 {40.5}	12.1 {42.6}	12.2 {42.9}	12.3 {43.2}	12.3 {43.3}	12.2 {43.0}	
	0	10.8 {37.8}	11.2 {39.3}	11.2 {39.4}	11.3 {39.6}	11.2 {39.4}	11.1 {38.9}	
	-5	10.2 {36.0}	10.5 {36.8}	10.5 {36.8}	10.5 {36.8}	10.3 {36.3}	10.1 {35.6}	
	-10	9.41 {33.1}	9.58 {33.7}	9.56 {33.6}	9.53 {33.5}	9.38 {33.0}	9.19 {32.3}	
	-20	8.13 {28.6}	8.19 {28.8}	8.11 {28.5}	8.08 {28.4}	7.82 {27.5}	7.65 {26.9}	
	-30	7.08 {24.9}	7.05 {24.8}	7.00 {24.6}	6.94 {24.4}	6.71 {23.6}	-	
	-40	6.09 {21.4}	6.03 {21.2}	5.97 {21.0}	5.92 {20.8}	5.69 {20.0}	-	
71110DC1S	10	15.6 {54.9}	16.7 {58.6}	16.8 {59.2}	17.1 {60.0}	17.3 {60.9}	17.3 {60.8}	
	5	15.8 {55.6}	16.6 {58.4}	16.7 {58.8}	16.8 {59.2}	16.9 {59.4}	16.8 {58.9}	
	0	14.9 {52.5}	15.5 {54.6}	15.6 {54.7}	15.6 {54.9}	15.5 {54.5}	15.3 {53.8}	
	-5	14.5 {50.9}	14.8 {52.0}	14.7 {51.8}	14.8 {51.9}	14.5 {51.1}	14.3 {50.3}	
	-10	12.9 {45.4}	13.2 {46.3}	13.1 {46.2}	13.1 {46.2}	12.9 {45.2}	12.6 {44.3}	
	-20	11.7 {41.0}	11.7 {41.2}	11.7 {41.0}	11.6 {40.7}	11.3 {39.6}	11.0 {38.6}	
	-30	9.98 {35.1}	9.93 {34.9}	9.84 {34.6}	9.75 {34.3}	9.44 {33.2}	-	
	-40	8.59 {30.2}	8.56 {30.1}	8.47 {29.8}	8.39 {29.5}	8.11 {28.5}	-	
71140DC1S	10	19.2 {67.6}	20.8 {73.2}	21.0 {74.0}	21.3 {75.0}	21.7 {76.2}	21.6 {76.1}	
	5	20.1 {70.5}	21.1 {74.2}	21.2 {74.6}	21.4 {75.1}	21.4 {75.3}	21.2 {74.7}	
	0	18.7 {65.6}	19.5 {68.4}	19.5 {68.5}	19.5 {68.7}	19.5 {68.4}	19.2 {67.4}	
	-5	18.1 {63.6}	18.4 {64.7}	18.3 {64.5}	18.3 {64.5}	18.1 {63.7}	17.8 {62.7}	
	-10	16.6 {58.3}	16.9 {59.4}	16.8 {59.1}	16.8 {59.1}	16.5 {58.0}	16.2 {56.8}	
	-20	14.6 {51.2}	14.7 {51.6}	14.6 {51.3}	14.5 {50.9}	14.1 {49.6}	13.7 {48.3}	
	-30	12.5 {44.0}	12.5 {43.9}	12.4 {43.5}	12.3 {43.1}	11.9 {41.7}	-	
	-40	11.0 {38.5}	10.9 {38.2}	10.7 {37.7}	10.7 {37.7}	10.2 {36.0}	-	

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	71160DC1S	10	22.0 {77.3}	23.8 {83.7}	24.1 {84.8}	24.4 {85.8}	24.8 {87.2}	24.7 {86.9}
		5	23.1 {81.1}	24.3 {85.4}	24.5 {86.0}	24.6 {86.4}	24.7 {86.8}	24.5 {86.0}
		0	21.6 {75.9}	22.4 {78.9}	22.5 {79.0}	22.5 {79.2}	22.4 {78.9}	22.2 {77.9}
		-5	20.7 {72.8}	21.2 {74.5}	21.2 {74.4}	21.2 {74.4}	20.3 {71.2}	20.5 {71.9}
		-10	19.5 {68.4}	19.2 {67.6}	19.1 {67.3}	19.1 {67.2}	18.7 {65.9}	18.4 {64.6}
		-20	16.6 {58.3}	16.8 {59.1}	16.7 {58.7}	16.6 {58.4}	16.2 {56.8}	15.7 {55.3}
		-30	14.3 {50.3}	14.3 {50.2}	14.1 {49.7}	14.0 {49.3}	13.6 {47.8}	-
		-40	12.5 {44.0}	12.5 {43.8}	12.3 {43.3}	12.2 {42.9}	11.8 {41.3}	-
	12220DC1S	10	30.4 {107}	33.0 {116}	33.3 {117}	33.6 {118}	34.1 {120}	34.1 {120}
		5	31.6 {111}	33.3 {117}	33.6 {118}	33.6 {118}	33.6 {118}	33.8 {119}
		0	29.6 {104}	30.7 {108}	31.0 {109}	31.0 {109}	30.7 {108}	30.4 {107}
		-5	28.7 {101}	29.0 {102}	29.0 {102}	29.0 {102}	28.7 {101}	28.2 {99.1}
		-10	26.1 {91.7}	26.5 {93.3}	26.4 {92.7}	26.4 {92.9}	25.9 {91.2}	25.4 {89.3}
		-20	22.7 {79.7}	22.8 {80.2}	22.6 {79.6}	22.5 {79.2}	21.9 {77.0}	21.3 {75.0}
		-30	19.7 {69.4}	19.7 {69.4}	19.5 {68.7}	19.4 {68.3}	18.7 {65.9}	-
		-40	17.2 {60.5}	17.1 {60.1}	16.9 {59.4}	16.8 {58.9}	16.2 {56.8}	-
	12270DC1S	10	37.0 {130}	39.8 {140}	40.4 {142}	40.7 {143}	41.2 {145}	41.2 {145}
		5	38.4 {135}	40.7 {143}	41.2 {145}	41.2 {145}	41.0 {144}	41.0 {144}
		0	36.1 {127}	37.5 {132}	37.5 {132}	37.5 {132}	37.5 {132}	37.0 {130}
		-5	35.0 {123}	35.3 {124}	35.6 {125}	35.6 {125}	34.7 {122}	34.1 {120}
		-10	31.9 {112}	32.1 {113}	32.1 {113}	31.9 {112}	31.3 {110}	31.0 {109}
		-20	27.7 {97.4}	27.9 {98.1}	27.7 {97.5}	27.5 {96.7}	26.9 {94.7}	26.1 {91.9}
		-30	24.0 {84.4}	24.0 {84.3}	23.8 {83.5}	23.6 {82.9}	22.8 {80.2}	-
		-40	20.9 {73.4}	20.8 {73.0}	20.5 {72.1}	20.3 {71.5}	19.6 {68.9}	-
	12330DC1S	10	44.9 {158}	48.6 {171}	49.5 {174}	50.1 {176}	50.9 {179}	50.9 {179}
		5	47.2 {166}	49.5 {174}	50.1 {176}	50.3 {177}	50.3 {177}	50.3 {177}
		0	44.1 {155}	45.8 {161}	46.1 {162}	46.1 {162}	46.1 {162}	45.5 {160}
		-5	42.7 {150}	43.2 {152}	43.5 {153}	43.5 {153}	42.7 {150}	42.1 {148}
		-10	39.0 {137}	39.8 {140}	39.8 {140}	39.5 {139}	39.0 {137}	38.1 {134}
		-20	34.1 {120}	34.1 {120}	34.1 {120}	33.8 {119}	33.0 {116}	32.1 {113}
		-30	29.3 {103}	29.6 {104}	29.0 {102}	29.0 {102}	27.9 {98.1}	-
		-40	25.6 {90.0}	25.5 {89.5}	25.1 {88.4}	24.9 {87.7}	24.0 {84.4}	-
	12420DC1S	10	57.2 {201}	61.7 {217}	62.6 {220}	63.4 {223}	64.3 {226}	64.3 {226}
		5	59.7 {210}	62.9 {221}	63.4 {223}	63.7 {224}	64.0 {225}	63.7 {224}
		0	56.9 {200}	59.2 {208}	59.4 {209}	59.4 {209}	59.2 {208}	58.6 {206}
		-5	55.7 {196}	56.9 {200}	56.9 {200}	56.6 {199}	55.7 {196}	55.2 {194}
		-10	53.2 {187}	52.0 {183}	52.0 {183}	51.8 {182}	50.9 {179}	50.1 {176}
		-20	45.5 {160}	45.2 {159}	45.5 {160}	44.9 {158}	44.1 {155}	42.9 {151}
		-30	39.3 {138}	39.0 {137}	38.7 {136}	38.4 {135}	37.3 {131}	-
		-40	34.1 {120}	34.1 {120}	34.1 {120}	33.8 {119}	32.4 {114}	-
	12500DC1S	10	68.8 {242}	74.2 {261}	75.1 {264}	76.2 {268}	77.1 {271}	77.1 {271}
		5	72.0 {253}	75.7 {266}	76.2 {268}	76.2 {268}	76.8 {270}	75.9 {267}
		0	68.5 {241}	71.4 {251}	71.4 {251}	71.7 {252}	71.4 {251}	70.2 {247}
		-5	66.8 {235}	68.3 {240}	68.3 {240}	68.3 {240}	67.4 {237}	66.3 {233}
		-10	61.7 {217}	63.1 {222}	62.9 {221}	62.6 {220}	61.4 {216}	60.3 {212}
		-20	54.6 {192}	54.6 {192}	54.3 {191}	54.0 {190}	52.6 {185}	51.2 {180}
		-30	47.2 {166}	47.2 {166}	46.9 {165}	46.6 {164}	44.9 {158}	-
		-40	41.5 {146}	41.0 {144}	40.7 {143}	40.4 {142}	38.7 {136}	-

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	34006BC1C 34006DC1C	10	0.84 {2.96}	0.92 {3.23}	0.93 {3.27}	0.94 {3.31}	0.96 {3.36}	0.95 {3.33}
		5	0.89 {3.12}	0.93 {3.28}	0.94 {3.30}	0.94 {3.32}	0.94 {3.32}	0.94 {3.31}
		0	0.81 {2.84}	0.84 {2.95}	0.84 {2.96}	0.84 {2.97}	0.84 {2.96}	0.83 {2.92}
		-5	0.81 {2.86}	0.83 {2.91}	0.82 {2.90}	0.82 {2.90}	0.81 {2.86}	0.80 {2.80}
		-10	0.72 {2.53}	0.74 {2.60}	0.74 {2.59}	0.73 {2.58}	0.72 {2.54}	0.70 {2.47}
		-20	0.61 {2.16}	0.62 {2.17}	0.62 {2.17}	0.61 {2.15}	0.59 {2.09}	0.58 {2.04}
		-30	0.50 {1.75}	0.49 {1.74}	0.49 {1.73}	0.49 {1.72}	0.47 {1.67}	-
		-40	0.41 {1.45}	0.40 {1.42}	0.40 {1.41}	0.40 {1.40}	0.38 {1.34}	-
	34013BC1C 34013DC1C	10	1.78 {6.27}	1.93 {6.78}	1.95 {6.86}	1.97 {6.94}	2.00 {7.05}	2.00 {7.05}
		5	1.87 {6.57}	1.96 {6.90}	1.97 {6.94}	1.99 {6.99}	1.99 {7.00}	1.97 {6.92}
		0	1.70 {5.98}	1.78 {6.25}	1.78 {6.26}	1.79 {6.29}	1.78 {6.25}	1.75 {6.17}
		-5	1.60 {5.62}	1.64 {5.75}	1.64 {5.75}	1.63 {5.74}	1.61 {5.66}	1.58 {5.56}
		-10	1.48 {5.22}	1.50 {5.29}	1.50 {5.27}	1.50 {5.27}	1.47 {5.17}	1.44 {5.07}
		-20	1.30 {4.57}	1.31 {4.59}	1.30 {4.57}	1.29 {4.54}	1.26 {4.42}	1.23 {4.31}
		-30	1.14 {4.02}	1.14 {4.01}	1.13 {3.97}	1.12 {3.94}	1.08 {3.81}	-
		-40	0.98 {3.46}	0.97 {3.42}	0.96 {3.39}	0.96 {3.36}	0.92 {3.23}	-
	34023BC1C 34023DC1C	10	3.10 {10.9}	3.33 {11.7}	3.38 {11.9}	3.41 {12.0}	3.47 {12.2}	3.53 {12.4}
		5	3.19 {11.2}	3.36 {11.8}	3.38 {11.9}	3.38 {11.9}	3.38 {11.9}	3.38 {11.9}
		0	2.93 {10.3}	3.04 {10.7}	3.04 {10.7}	3.07 {10.8}	3.04 {10.7}	3.01 {10.6}
		-5	2.90 {10.2}	2.96 {10.4}	2.96 {10.4}	2.96 {10.4}	2.93 {10.3}	2.87 {10.1}
		-10	2.51 {8.83}	2.55 {8.98}	2.55 {8.95}	2.54 {8.93}	2.49 {8.77}	2.43 {8.55}
		-20	2.22 {7.80}	2.23 {7.84}	2.21 {7.78}	2.20 {7.74}	2.14 {7.54}	2.08 {7.33}
		-30	1.87 {6.56}	1.86 {6.53}	1.84 {6.46}	1.83 {6.42}	1.77 {6.21}	-
		-40	1.49 {5.24}	1.48 {5.21}	1.46 {5.15}	1.45 {5.10}	1.40 {4.92}	-
	34035BC1C 34035DC1C	10	4.66 {16.4}	5.03 {17.7}	5.09 {17.9}	5.18 {18.2}	5.26 {18.5}	5.26 {18.5}
		5	4.86 {17.1}	5.12 {18.0}	5.15 {18.1}	5.18 {18.2}	5.20 {18.3}	5.18 {18.2}
		0	4.52 {15.9}	4.66 {16.4}	4.65 {16.5}	4.69 {16.5}	4.69 {16.5}	4.61 {16.2}
		-5	4.27 {15.0}	4.32 {15.2}	4.35 {15.3}	4.35 {15.3}	4.27 {15.0}	4.21 {14.8}
		-10	3.81 {13.4}	3.90 {13.7}	3.87 {13.6}	3.84 {13.5}	3.78 {13.3}	3.70 {13.0}
		-20	3.27 {11.5}	3.30 {11.6}	3.30 {11.6}	3.27 {11.5}	3.16 {11.1}	3.10 {10.9}
		-30	2.83 {9.96}	2.84 {10.0}	2.80 {9.86}	2.81 {9.87}	2.69 {9.47}	-
		-40	2.29 {8.05}	2.28 {8.00}	2.25 {7.91}	2.23 {7.84}	2.15 {7.55}	-
	34045BC1C 34045DC1C	10	5.97 {21.0}	6.46 {22.7}	6.54 {23.0}	6.63 {23.3}	6.71 {23.6}	6.74 {23.7}
		5	6.23 {21.9}	6.57 {23.1}	6.63 {23.3}	6.65 {23.4}	6.65 {23.4}	6.63 {23.3}
		0	5.77 {20.3}	6.03 {21.2}	6.03 {21.2}	6.06 {21.3}	6.00 {21.1}	5.94 {20.9}
		-5	5.49 {19.3}	5.40 {19.0}	5.57 {19.6}	5.57 {19.6}	5.52 {19.4}	5.40 {19.0}
		-10	4.92 {17.3}	5.01 {17.6}	4.95 {17.4}	4.95 {17.4}	4.83 {17.0}	4.75 {16.7}
		-20	4.21 {14.8}	4.21 {14.8}	4.21 {14.8}	4.18 {14.7}	4.07 {14.3}	3.98 {14.0}
		-30	3.61 {12.7}	3.64 {12.8}	3.61 {12.7}	3.58 {12.6}	3.47 {12.2}	-
		-40	2.96 {10.4}	2.93 {10.3}	2.90 {10.2}	2.87 {10.1}	2.77 {9.75}	-
	57060DC1C	10	8.22 {28.9}	8.87 {31.2}	9.02 {31.7}	9.13 {32.1}	9.27 {32.6}	9.24 {32.5}
		5	8.62 {30.3}	9.04 {31.8}	9.10 {32.0}	9.13 {32.1}	9.19 {32.3}	9.13 {32.1}
		0	8.02 {28.2}	8.33 {29.3}	8.36 {29.4}	8.39 {29.5}	8.36 {29.4}	8.25 {29.0}
		-5	7.71 {27.1}	7.91 {27.8}	7.88 {27.7}	7.88 {27.7}	7.76 {27.3}	7.65 {26.9}
		-10	7.02 {24.7}	7.17 {25.2}	7.17 {25.2}	7.14 {25.1}	7.00 {24.6}	6.85 {24.1}
		-20	6.09 {21.4}	6.11 {21.5}	6.09 {21.4}	6.03 {21.2}	5.89 {20.7}	5.74 {20.2}
		-30	5.26 {18.5}	5.29 {18.6}	5.23 {18.4}	5.18 {18.2}	5.01 {17.6}	-
		-40	4.55 {16.0}	4.52 {15.9}	4.49 {15.8}	4.46 {15.7}	4.29 {15.1}	-
57080DC1C	10	11.0 {38.6}	11.9 {41.8}	12.0 {42.3}	12.2 {42.9}	12.4 {43.5}	12.4 {43.6}	
	5	11.5 {40.5}	12.1 {42.6}	12.2 {42.9}	12.3 {43.2}	12.3 {43.3}	12.2 {43.0}	
	0	10.8 {37.8}	11.2 {39.3}	11.2 {39.4}	11.3 {39.6}	11.2 {39.4}	11.1 {38.9}	
	-5	10.2 {36.0}	10.5 {36.8}	10.5 {36.8}	10.5 {36.8}	10.3 {36.3}	10.1 {35.6}	
	-10	9.41 {33.1}	9.58 {33.7}	9.56 {33.6}	9.53 {33.5}	9.38 {33.0}	9.19 {32.3}	
	-20	8.13 {28.6}	8.19 {28.8}	8.11 {28.5}	8.08 {28.4}	7.82 {27.5}	7.65 {26.9}	
	-30	7.08 {24.9}	7.05 {24.8}	7.00 {24.6}	6.94 {24.4}	6.71 {23.6}	-	
	-40	6.09 {21.4}	6.03 {21.2}	5.97 {21.0}	5.92 {20.8}	5.69 {20.0}	-	
71110DC1C	10	15.6 {54.9}	16.7 {58.6}	16.8 {59.2}	17.1 {60.0}	17.3 {60.9}	17.3 {60.8}	
	5	15.8 {55.6}	16.6 {58.4}	16.7 {58.8}	16.8 {59.2}	16.9 {59.4}	16.8 {58.9}	
	0	14.9 {52.5}	15.5 {54.6}	15.6 {54.7}	15.6 {54.9}	15.5 {54.5}	15.3 {53.8}	
	-5	14.5 {50.9}	14.8 {52.0}	14.7 {51.8}	14.8 {51.9}	14.5 {51.1}	14.3 {50.3}	
	-10	12.9 {45.4}	13.2 {46.3}	13.1 {46.2}	13.1 {46.2}	12.9 {45.2}	12.6 {44.3}	
	-20	11.7 {41.0}	11.7 {41.2}	11.7 {41.0}	11.6 {40.7}	11.3 {39.6}	11.0 {38.6}	
	-30	9.98 {35.1}	9.93 {34.9}	9.84 {34.6}	9.75 {34.3}	9.44 {33.2}	-	
	-40	8.59 {30.2}	8.56 {30.1}	8.47 {29.8}	8.39 {29.5}	8.11 {28.5}	-	

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	71140DC1C	10	19.2 {67.6}	20.8 {73.2}	21.0 {74.0}	21.3 {75.0}	21.7 {76.2}	21.6 {76.1}
		5	20.1 {70.5}	21.1 {74.2}	21.2 {74.6}	21.4 {75.1}	21.4 {75.3}	21.2 {74.7}
		0	18.7 {65.6}	19.5 {68.4}	19.5 {68.5}	19.5 {68.7}	19.5 {68.4}	19.2 {67.4}
		-5	18.1 {63.6}	18.4 {64.7}	18.3 {64.5}	18.3 {64.5}	18.1 {63.7}	17.8 {62.7}
		-10	16.6 {58.3}	16.9 {59.4}	16.8 {59.1}	16.8 {59.1}	16.5 {58.0}	16.2 {56.8}
		-20	14.6 {51.2}	14.7 {51.6}	14.6 {51.3}	14.5 {50.9}	14.1 {49.6}	13.7 {48.3}
		-30	12.5 {44.0}	12.5 {43.9}	12.4 {43.5}	12.3 {43.1}	11.9 {41.7}	-
		-40	11.0 {38.5}	10.9 {38.2}	10.7 {37.7}	10.7 {37.7}	10.2 {36.0}	-
	71160DC1C	10	22.0 {77.3}	23.8 {83.7}	24.1 {84.8}	24.4 {85.8}	24.8 {87.2}	24.7 {86.9}
		5	23.1 {81.1}	24.3 {85.4}	24.5 {86.0}	24.6 {86.4}	24.7 {86.8}	24.5 {86.0}
		0	21.6 {75.9}	22.4 {78.9}	22.5 {79.0}	22.5 {79.2}	22.4 {78.9}	22.2 {77.9}
		-5	20.7 {72.8}	21.2 {74.5}	21.2 {74.4}	21.2 {74.4}	20.3 {71.2}	20.5 {71.9}
		-10	19.5 {68.4}	19.2 {67.6}	19.1 {67.3}	19.1 {67.2}	18.7 {65.9}	18.4 {64.6}
		-20	16.6 {58.3}	16.8 {59.1}	16.7 {58.7}	16.6 {58.4}	16.2 {56.8}	15.7 {55.3}
		-30	14.3 {50.3}	14.3 {50.2}	14.1 {49.7}	14.0 {49.3}	13.6 {47.8}	-
		-40	12.5 {44.0}	12.5 {43.8}	12.3 {43.3}	12.2 {42.9}	11.8 {41.3}	-
	12220DC1C	10	30.4 {107}	33.0 {116}	33.3 {117}	33.6 {118}	34.1 {120}	34.1 {120}
		5	31.6 {111}	33.3 {117}	33.6 {118}	33.6 {118}	33.6 {118}	33.8 {119}
		0	29.6 {104}	30.7 {108}	31.0 {109}	31.0 {109}	30.7 {108}	30.4 {107}
		-5	28.7 {101}	29.0 {102}	29.0 {102}	29.0 {102}	28.7 {101}	28.2 {99.1}
		-10	26.1 {91.7}	26.5 {93.3}	26.4 {92.7}	26.4 {92.9}	25.9 {91.2}	25.4 {89.3}
		-20	22.7 {79.7}	22.8 {80.2}	22.6 {79.6}	22.5 {79.2}	21.9 {77.0}	21.3 {75.0}
		-30	19.7 {69.4}	19.7 {69.4}	19.5 {68.7}	19.4 {68.3}	18.7 {65.9}	-
		-40	17.2 {60.5}	17.1 {60.1}	16.9 {59.4}	16.8 {58.9}	16.2 {56.8}	-
	12270DC1C	10	37.0 {130}	39.8 {140}	40.4 {142}	40.7 {143}	41.2 {145}	41.2 {145}
		5	38.4 {135}	40.7 {143}	41.2 {145}	41.2 {145}	41.0 {144}	41.0 {144}
		0	36.1 {127}	37.5 {132}	37.5 {132}	37.5 {132}	37.5 {132}	37.0 {130}
		-5	35.0 {123}	35.3 {124}	35.6 {125}	35.6 {125}	34.7 {122}	34.1 {120}
		-10	31.9 {112}	32.1 {113}	32.1 {113}	31.9 {112}	31.3 {110}	31.0 {109}
		-20	27.7 {97.4}	27.9 {98.1}	27.7 {97.5}	27.5 {96.7}	26.9 {94.7}	26.1 {91.9}
		-30	24.0 {84.4}	24.0 {84.3}	23.8 {83.5}	23.6 {82.9}	22.8 {80.2}	-
		-40	20.9 {73.4}	20.8 {73.0}	20.5 {72.1}	20.3 {71.5}	19.6 {68.9}	-
	12330DC1C	10	44.9 {158}	48.6 {171}	49.5 {174}	50.1 {176}	50.9 {179}	50.9 {179}
		5	47.2 {166}	49.5 {174}	50.1 {176}	50.3 {177}	50.3 {177}	50.3 {177}
		0	44.1 {155}	45.8 {161}	46.1 {162}	46.1 {162}	46.1 {162}	45.5 {160}
		-5	42.7 {150}	43.2 {152}	43.5 {153}	43.5 {153}	42.7 {150}	42.1 {148}
		-10	39.0 {137}	39.8 {140}	39.8 {140}	39.5 {139}	39.0 {137}	38.1 {134}
		-20	34.1 {120}	34.1 {120}	34.1 {120}	33.8 {119}	33.0 {116}	32.1 {113}
		-30	29.3 {103}	29.6 {104}	29.0 {102}	29.0 {102}	27.9 {98.1}	-
		-40	25.6 {90.0}	25.5 {89.5}	25.1 {88.4}	24.9 {87.7}	24.0 {84.4}	-
	12420DC1C	10	57.2 {201}	61.7 {217}	62.6 {220}	63.4 {223}	64.3 {226}	64.3 {226}
		5	59.7 {210}	62.9 {221}	63.4 {223}	63.7 {224}	64.0 {225}	63.7 {224}
		0	56.9 {200}	59.2 {208}	59.4 {209}	59.4 {209}	59.2 {208}	58.6 {206}
		-5	55.7 {196}	56.9 {200}	56.9 {200}	56.6 {199}	55.7 {196}	55.2 {194}
		-10	53.2 {187}	52.0 {183}	52.0 {183}	51.8 {182}	50.9 {179}	50.1 {176}
		-20	45.5 {160}	45.2 {159}	45.5 {160}	44.9 {158}	44.1 {155}	42.9 {151}
		-30	39.3 {138}	39.0 {137}	38.7 {136}	38.4 {135}	37.3 {131}	-
		-40	34.1 {120}	34.1 {120}	34.1 {120}	33.8 {119}	32.4 {114}	-
12500DC1C	10	68.8 {242}	74.2 {261}	75.1 {264}	76.2 {268}	77.1 {271}	77.1 {271}	
	5	72.0 {253}	75.7 {266}	76.2 {268}	76.2 {268}	76.8 {270}	75.9 {267}	
	0	68.5 {241}	71.4 {251}	71.4 {251}	71.7 {252}	71.4 {251}	70.2 {247}	
	-5	66.8 {235}	68.3 {240}	68.3 {240}	68.3 {240}	67.4 {237}	66.3 {233}	
	-10	61.7 {217}	63.1 {222}	62.9 {221}	62.6 {220}	61.4 {216}	60.3 {212}	
	-20	54.6 {192}	54.6 {192}	54.3 {191}	54.0 {190}	52.6 {185}	51.2 {180}	
	-30	47.2 {166}	47.2 {166}	46.9 {165}	46.6 {164}	44.9 {158}	-	
	-40	41.5 {146}	41.0 {144}	40.7 {143}	40.4 {142}	38.7 {136}	-	

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}				
Type	Model		Condensing temp. (°C)				
			20	30	38	40	50
ATX-	34006BC1SL 34006DC1SL	-25	0.56 {1.96}	0.57 {2.02}	0.57 {2.01}	0.57 {2.00}	0.53 {1.88}
		-30	0.49 {1.74}	0.51 {1.78}	0.50 {1.76}	0.50 {1.75}	0.46 {1.63}
	-40	0.42 {1.47}	0.42 {1.49}	0.42 {1.46}	0.41 {1.45}	0.38 {1.35}	
	-50	0.29 {1.02}	0.29 {1.03}	0.29 {1.01}	0.28 {1.00}	0.26 {0.92}	
	-60	0.21 {0.73}	0.21 {0.73}	0.20 {0.72}	0.20 {0.71}	0.19 {0.66}	
	34013BC1SL 34013DC1SL	-25	1.32 {4.65}	1.36 {4.79}	1.35 {4.76}	1.35 {4.74}	1.27 {4.46}
		-30	1.24 {4.37}	1.27 {4.47}	1.26 {4.42}	1.25 {4.39}	1.17 {4.11}
		-40	1.08 {3.79}	1.09 {3.84}	1.07 {3.77}	1.07 {3.75}	0.99 {3.48}
		-50	0.84 {2.95}	0.85 {2.98}	0.83 {2.92}	0.82 {2.89}	0.76 {2.67}
	34023BC1SL 34023DC1SL	-25	2.23 {7.84}	2.30 {8.08}	2.28 {8.03}	2.27 {7.99}	2.14 {7.52}
		-30	2.05 {7.21}	2.10 {7.37}	2.07 {7.29}	2.06 {7.24}	1.93 {6.78}
		-40	1.66 {5.84}	1.68 {5.91}	1.65 {5.81}	1.64 {5.77}	1.52 {5.36}
		-50	1.33 {4.68}	1.34 {4.72}	1.31 {4.62}	1.30 {4.58}	1.21 {4.24}
	34035BC1SL 34035DC1SL	-25	3.34 {11.7}	3.45 {12.1}	3.42 {12.0}	3.41 {12.0}	3.21 {11.3}
		-30	3.07 {10.8}	3.14 {11.0}	3.11 {10.9}	3.09 {10.9}	2.89 {10.2}
		-40	2.50 {8.80}	2.53 {8.91}	2.49 {8.76}	2.47 {8.69}	2.30 {8.08}
		-50	1.90 {6.69}	1.92 {6.75}	1.88 {6.61}	1.86 {6.55}	1.72 {6.06}
	34045BC1SL 34045DC1SL	-25	4.41 {15.5}	4.55 {16.0}	4.52 {15.9}	4.50 {15.8}	4.23 {14.9}
		-30	3.95 {13.9}	4.04 {14.2}	3.99 {14.0}	3.97 {14.0}	3.72 {13.1}
		-40	3.33 {11.7}	3.37 {11.8}	3.31 {11.6}	3.29 {11.6}	3.05 {10.7}
		-50	2.69 {9.46}	2.71 {9.53}	2.66 {9.34}	2.63 {9.26}	2.43 {8.56}
	57060DC1SL	-25	5.91 {20.8}	6.10 {21.4}	6.06 {21.3}	6.03 {21.2}	5.67 {20.0}
		-30	5.52 {19.4}	5.64 {19.8}	5.58 {19.6}	5.54 {19.5}	5.19 {18.2}
		-40	4.81 {16.9}	4.87 {17.1}	4.78 {16.8}	4.75 {16.7}	4.42 {15.5}
		-50	3.79 {13.3}	3.82 {13.4}	3.74 {13.1}	3.70 {13.0}	3.43 {12.0}
	57080DC1SL	-25	7.99 {28.1}	8.24 {29.0}	8.18 {28.8}	8.14 {28.6}	7.66 {27.0}
		-30	7.41 {26.1}	7.58 {26.6}	7.49 {26.3}	7.44 {26.2}	6.97 {24.5}
		-40	6.43 {22.6}	6.51 {22.9}	6.40 {22.5}	6.35 {22.3}	5.90 {20.8}
		-50	5.12 {18.0}	5.15 {18.1}	5.05 {17.8}	5.00 {17.6}	4.63 {16.3}
	71110DC1SL	-25	10.1 {35.5}	10.4 {36.6}	10.3 {36.4}	10.3 {36.2}	9.69 {34.1}
		-30	9.37 {32.9}	9.58 {33.7}	9.47 {33.3}	9.41 {33.1}	8.81 {31.0}
		-40	8.18 {28.8}	8.28 {29.1}	8.14 {28.6}	8.07 {28.4}	7.51 {26.4}
		-50	5.99 {21.1}	6.03 {21.2}	5.91 {20.8}	5.86 {20.6}	5.42 {19.0}
	71140DC1SL	-25	14.1 {49.6}	14.6 {51.2}	14.5 {50.9}	14.4 {50.6}	13.6 {47.6}
		-30	13.1 {46.2}	13.4 {47.2}	13.3 {46.7}	13.2 {46.4}	12.4 {43.4}
		-40	11.6 {40.7}	11.7 {41.3}	11.5 {40.5}	11.4 {40.2}	10.6 {37.4}
		-50	8.71 {30.6}	8.77 {30.9}	8.59 {30.2}	8.52 {30.0}	7.88 {27.7}
	71160DC1SL	-25	19.8 {69.5}	20.4 {71.7}	20.3 {71.3}	20.2 {70.9}	19.0 {66.7}
		-30	18.4 {64.6}	18.8 {66.1}	18.6 {65.3}	18.5 {64.9}	17.3 {60.8}
		-40	16.3 {57.3}	16.5 {58.0}	16.2 {57.0}	16.1 {56.6}	15.0 {52.6}
		-50	12.3 {43.3}	12.4 {43.6}	12.2 {42.7}	12.1 {42.4}	11.1 {39.2}
	12220DC1SL	-25	25.9 {91.0}	26.7 {93.9}	26.5 {93.3}	26.4 {92.8}	24.8 {87.4}
		-30	24.3 {85.3}	24.8 {87.2}	24.5 {86.2}	24.4 {85.7}	22.8 {80.3}
		-40	21.3 {75.0}	21.6 {75.9}	21.2 {74.6}	21.1 {74.1}	19.6 {68.9}
		-50	16.2 {56.8}	16.3 {57.3}	16.0 {56.1}	15.8 {55.6}	14.6 {51.4}
	12270DC1SL	-25	31.4 {110}	32.4 {114}	32.2 {113}	32.0 {113}	30.1 {106}
		-30	29.4 {103}	30.0 {106}	29.7 {104}	29.5 {104}	27.6 {97.0}
		-40	25.8 {90.7}	26.1 {91.9}	25.7 {90.3}	25.5 {89.6}	23.7 {83.3}
		-50	19.3 {67.8}	19.4 {68.4}	19.0 {66.9}	18.9 {66.4}	17.5 {61.4}
	12330DC1SL	-25	37.9 {133}	39.1 {137}	38.8 {136}	38.6 {136}	36.4 {128}
-30		35.4 {125}	36.2 {127}	35.8 {126}	35.6 {125}	33.3 {117}	
-40		31.0 {109}	31.4 {110}	30.8 {108}	30.6 {108}	28.5 {100}	
-50		23.5 {82.5}	23.6 {83.1}	23.2 {81.4}	23.0 {80.7}	21.2 {74.6}	
12420DC1SL	-25	49.8 {175}	51.4 {181}	51.0 {179}	50.8 {178}	47.8 {168}	
	-30	46.5 {164}	47.6 {167}	47.0 {165}	46.7 {164}	43.8 {154}	
	-40	41.1 {144}	41.6 {146}	40.9 {144}	40.6 {143}	37.7 {133}	
	-50	31.7 {111}	31.9 {112}	31.3 {110}	31.0 {109}	28.7 {101}	
12500DC1SL	-25	62.7 {220}	64.6 {227}	64.2 {226}	63.9 {225}	60.1 {211}	
	-30	58.7 {206}	60.0 {211}	59.3 {208}	58.9 {207}	55.2 {194}	
	-40	52.0 {183}	52.6 {185}	51.7 {182}	51.3 {180}	47.7 {168}	
	-50	39.6 {139}	39.9 {140}	39.0 {137}	38.7 {136}	35.8 {126}	
-60	27.7 {97.5}	28.0 {98.5}	27.5 {96.6}	27.2 {95.8}	25.2 {88.6}		

Catalog No.		evaporating temp. (℃)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (℃)					
			30	35	38	40	45	50
ATX-	34006BC1S 34006DC1S	10	0.83 {2.93}	0.89 {3.14}	0.92 {3.23}	0.93 {3.26}	0.94 {3.31}	0.93 {3.28}
		5	0.86 {3.01}	0.89 {3.14}	0.91 {3.19}	0.91 {3.21}	0.92 {3.22}	0.91 {3.20}
		0	0.80 {2.80}	0.82 {2.89}	0.83 {2.92}	0.83 {2.93}	0.83 {2.93}	0.82 {2.88}
		-5	0.78 {2.73}	0.79 {2.77}	0.79 {2.78}	0.79 {2.79}	0.78 {2.76}	0.77 {2.69}
		-10	0.71 {2.50}	0.73 {2.55}	0.73 {2.55}	0.72 {2.54}	0.71 {2.51}	0.69 {2.43}
		-20	0.61 {2.13}	0.61 {2.13}	0.61 {2.13}	0.60 {2.12}	0.59 {2.07}	0.57 {2.01}
		-30	0.49 {1.73}	0.49 {1.71}	0.48 {1.70}	0.48 {1.69}	0.47 {1.65}	-
	-40	0.41 {1.43}	0.40 {1.39}	0.40 {1.39}	0.39 {1.37}	0.38 {1.33}	-	
	34013BC1S 34013DC1S	10	1.76 {6.19}	1.88 {6.60}	1.93 {6.77}	1.95 {6.85}	1.98 {6.95}	1.98 {6.95}
		5	1.80 {6.33}	1.88 {6.60}	1.91 {6.72}	1.92 {6.76}	1.93 {6.79}	1.91 {6.70}
		0	1.68 {5.91}	1.74 {6.12}	1.76 {6.18}	1.76 {6.20}	1.76 {6.18}	1.73 {6.08}
		-5	1.53 {5.37}	1.56 {5.48}	1.57 {5.51}	1.56 {5.50}	1.55 {5.46}	1.52 {5.35}
		-10	1.46 {5.15}	1.47 {5.18}	1.48 {5.20}	1.48 {5.19}	1.46 {5.12}	1.42 {4.99}
		-20	1.28 {4.50}	1.28 {4.51}	1.28 {4.50}	1.27 {4.47}	1.25 {4.38}	1.20 {4.23}
		-30	1.13 {3.96}	1.12 {3.94}	1.11 {3.91}	1.10 {3.87}	1.07 {3.77}	-
	-40	0.97 {3.41}	0.96 {3.36}	0.95 {3.33}	0.94 {3.30}	0.91 {3.19}	-	
	34023BC1S 34023DC1S	10	3.07 {10.8}	3.24 {11.4}	3.36 {11.8}	3.36 {11.8}	3.41 {12.0}	3.47 {12.2}
		5	3.07 {10.8}	3.21 {11.3}	3.27 {11.5}	3.27 {11.5}	3.27 {11.5}	3.27 {11.5}
		0	2.90 {10.2}	2.99 {10.5}	3.01 {10.6}	3.04 {10.7}	3.01 {10.6}	2.96 {10.4}
		-5	2.76 {9.72}	2.82 {9.93}	2.84 {10.0}	2.84 {10.0}	2.83 {9.95}	2.76 {9.69}
		-10	2.48 {8.71}	2.51 {8.81}	2.51 {8.82}	2.50 {8.80}	2.47 {8.67}	2.39 {8.41}
		-20	2.19 {7.70}	2.19 {7.70}	2.18 {7.67}	2.16 {7.61}	2.12 {7.46}	2.05 {7.21}
		-30	1.84 {6.46}	1.82 {6.41}	1.81 {6.36}	1.79 {6.31}	1.75 {6.14}	-
	-40	1.46 {5.15}	1.45 {5.11}	1.44 {5.06}	1.42 {5.01}	1.38 {4.86}	-	
	34035BC1S 34035DC1S	10	4.61 {16.2}	4.89 {17.2}	5.03 {17.7}	5.09 {17.9}	5.18 {18.2}	5.18 {18.2}
		5	4.69 {16.5}	4.89 {17.2}	4.98 {17.5}	5.01 {17.6}	5.03 {17.7}	5.01 {17.6}
		0	4.46 {15.7}	4.58 {16.1}	4.64 {16.3}	4.61 {16.2}	4.64 {16.3}	4.55 {16.0}
		-5	4.07 {14.3}	4.12 {14.5}	4.18 {14.7}	4.15 {14.6}	4.12 {14.5}	4.04 {14.2}
		-10	3.78 {13.3}	3.81 {13.4}	3.81 {13.4}	3.78 {13.3}	3.75 {13.2}	3.64 {12.8}
		-20	3.21 {11.3}	3.24 {11.4}	3.24 {11.4}	3.21 {11.3}	3.13 {11.0}	3.04 {10.7}
		-30	2.79 {9.82}	2.80 {9.83}	2.76 {9.71}	2.76 {9.70}	2.66 {9.37}	-
	-40	2.25 {7.92}	2.23 {7.85}	2.21 {7.77}	2.19 {7.69}	2.12 {7.46}	-	
	34045BC1S 34045DC1S	10	5.92 {20.8}	6.29 {22.1}	6.46 {22.7}	6.54 {23.0}	6.63 {23.3}	6.63 {23.3}
		5	6.03 {21.2}	6.29 {22.1}	6.40 {22.5}	6.43 {22.6}	6.46 {22.7}	6.43 {22.6}
		0	5.72 {20.1}	5.92 {20.8}	5.94 {20.9}	5.97 {21.0}	5.94 {20.9}	5.86 {20.6}
		-5	5.23 {18.4}	5.15 {18.1}	5.35 {18.8}	5.35 {18.8}	5.32 {18.7}	5.20 {18.3}
		-10	4.83 {17.0}	4.89 {17.2}	4.89 {17.2}	4.86 {17.1}	4.78 {16.8}	4.69 {16.5}
		-20	4.15 {14.6}	4.15 {14.6}	4.15 {14.6}	4.12 {14.5}	4.04 {14.2}	3.90 {13.7}
		-30	3.55 {12.5}	3.58 {12.6}	3.55 {12.5}	3.53 {12.4}	3.44 {12.1}	-
	-40	2.90 {10.2}	2.87 {10.1}	2.84 {10.0}	2.82 {9.90}	2.74 {9.63}	-	
	57060DC1S	10	8.11 {28.5}	8.65 {30.4}	8.90 {31.3}	9.02 {31.7}	9.13 {32.1}	9.10 {32.0}
		5	8.30 {29.2}	8.65 {30.4}	8.82 {31.0}	8.84 {31.1}	8.93 {31.4}	8.84 {31.1}
0		7.93 {27.9}	8.16 {28.7}	8.25 {29.0}	8.28 {29.1}	8.25 {29.0}	8.11 {28.5}	
-5		7.37 {25.9}	7.54 {26.5}	7.56 {26.6}	7.56 {26.6}	7.51 {26.4}	7.37 {25.9}	
-10		6.94 {24.4}	7.02 {24.7}	7.05 {24.8}	7.02 {24.7}	6.94 {24.4}	6.74 {23.7}	
-20		6.00 {21.1}	6.03 {21.2}	6.00 {21.1}	5.94 {20.9}	5.83 {20.5}	5.63 {19.8}	
-30		5.20 {18.3}	5.18 {18.2}	5.15 {18.1}	5.09 {17.9}	4.98 {17.5}	-	
-40	4.46 {15.7}	4.44 {15.6}	4.41 {15.5}	4.38 {15.4}	4.24 {14.9}	-		
57080DC1S	10	10.9 {38.2}	11.6 {40.7}	11.9 {41.8}	12.0 {42.3}	12.2 {42.9}	12.2 {42.9}	
	5	11.1 {39.1}	11.6 {40.8}	11.8 {41.5}	11.9 {41.8}	11.9 {42.0}	11.8 {41.6}	
	0	10.6 {37.3}	11.0 {38.5}	11.1 {38.9}	11.1 {39.0}	11.1 {38.9}	10.9 {38.3}	
	-5	9.78 {34.4}	9.98 {35.1}	10.0 {35.3}	10.0 {35.3}	9.95 {35.0}	9.73 {34.2}	
	-10	9.30 {32.7}	9.41 {33.1}	9.41 {33.1}	9.38 {33.0}	9.27 {32.6}	9.02 {31.7}	
	-20	8.02 {28.2}	8.05 {28.3}	7.99 {28.1}	7.93 {27.9}	7.76 {27.3}	7.51 {26.4}	
	-30	6.97 {24.5}	6.94 {24.4}	6.88 {24.2}	6.80 {23.9}	6.63 {23.3}	-	
-40	6.00 {21.1}	5.92 {20.8}	5.86 {20.6}	5.80 {20.4}	5.63 {19.8}	-		
71110DC1S	10	15.4 {54.3}	16.2 {57.0}	16.6 {58.5}	16.8 {59.1}	17.1 {60.1}	17.0 {59.9}	
	5	15.2 {53.6}	15.9 {55.8}	16.2 {56.9}	16.3 {57.2}	16.4 {57.6}	16.2 {57.0}	
	0	14.7 {51.8}	15.2 {53.4}	15.4 {54.0}	15.4 {54.2}	15.3 {53.9}	15.1 {53.0}	
	-5	13.8 {48.6}	14.1 {49.5}	14.1 {49.7}	14.2 {49.8}	14.0 {49.3}	13.7 {48.3}	
	-10	12.7 {44.8}	12.9 {45.4}	12.9 {45.5}	12.9 {45.5}	12.7 {44.7}	12.4 {43.6}	
	-20	11.5 {40.5}	11.5 {40.5}	11.5 {40.4}	11.4 {40.1}	11.2 {39.2}	10.8 {38.0}	
	-30	9.81 {34.5}	9.75 {34.3}	9.70 {34.1}	9.58 {33.7}	9.36 {32.9}	-	
-40	8.47 {29.8}	8.42 {29.6}	8.33 {29.3}	8.25 {29.0}	7.99 {28.1}	-		

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	71140DC1S	10	19.0 {66.8}	20.3 {71.2}	20.8 {73.1}	21.0 {74.0}	21.4 {75.1}	21.3 {74.9}
		5	19.3 {68.0}	20.2 {71.0}	20.5 {72.1}	20.7 {72.6}	20.8 {73.0}	20.6 {72.3}
		0	18.4 {64.8}	19.0 {66.9}	19.2 {67.6}	19.3 {67.7}	19.2 {67.6}	18.9 {66.4}
		-5	17.3 {60.7}	17.5 {61.6}	17.6 {61.9}	17.6 {61.9}	17.5 {61.4}	17.2 {60.3}
		-10	16.4 {57.6}	16.6 {58.3}	16.6 {58.3}	16.6 {58.2}	16.3 {57.4}	15.9 {55.9}
		-20	14.4 {50.5}	14.4 {50.7}	14.4 {50.5}	14.3 {50.1}	14.0 {49.1}	13.5 {47.5}
		-30	12.3 {43.4}	12.3 {43.1}	12.2 {42.8}	12.1 {42.4}	11.8 {41.3}	-
	-40	10.8 {37.9}	10.7 {37.5}	10.6 {37.1}	10.5 {37.0}	10.1 {35.6}	-	
	71160DC1S	10	21.7 {76.3}	23.2 {81.4}	23.8 {83.7}	24.1 {84.6}	24.4 {85.9}	24.3 {85.6}
		5	22.3 {78.3}	23.2 {81.7}	23.7 {83.2}	23.8 {83.6}	23.9 {84.1}	23.7 {83.3}
		0	21.3 {74.9}	22.0 {77.2}	22.2 {78.0}	22.2 {78.1}	22.2 {78.0}	21.8 {76.7}
		-5	19.8 {69.5}	20.2 {71.0}	20.3 {71.4}	20.3 {71.4}	19.5 {68.7}	19.7 {69.1}
		-10	19.2 {67.5}	18.9 {66.3}	18.9 {66.4}	18.8 {66.1}	18.5 {65.2}	18.1 {63.5}
		-20	16.4 {57.5}	16.5 {58.1}	16.4 {57.8}	16.4 {57.5}	16.0 {56.2}	15.5 {54.4}
		-30	14.1 {49.5}	14.0 {49.3}	13.9 {49.0}	13.8 {48.5}	13.5 {47.3}	-
	-40	12.3 {43.3}	12.2 {43.0}	12.1 {42.5}	12.0 {42.1}	11.6 {40.8}	-	
	12220DC1S	10	30.2 {106}	31.9 {112}	33.0 {116}	33.3 {117}	33.8 {119}	33.6 {118}
		5	30.4 {107}	31.9 {112}	32.4 {114}	32.4 {114}	32.7 {115}	32.7 {115}
		0	29.3 {103}	30.2 {106}	30.7 {108}	30.7 {108}	30.4 {107}	29.9 {105}
		-5	27.4 {96.3}	27.7 {97.5}	27.9 {98.2}	28.0 {98.3}	27.8 {97.7}	27.1 {95.2}
		-10	25.7 {90.5}	26.0 {91.5}	26.0 {91.4}	26.0 {91.5}	25.7 {90.2}	25.0 {87.8}
		-20	22.4 {78.6}	22.4 {78.8}	22.3 {78.4}	22.2 {78.0}	21.7 {76.3}	21.0 {73.8}
		-30	19.5 {68.4}	19.4 {68.2}	19.2 {67.6}	19.1 {67.1}	18.5 {65.2}	-
	-40	16.9 {59.5}	16.8 {59.0}	16.6 {58.4}	16.4 {57.8}	16.0 {56.1}	-	
	12270DC1S	10	36.4 {128}	38.7 {136}	39.8 {140}	40.1 {141}	40.7 {143}	40.7 {143}
		5	37.3 {131}	39.0 {137}	39.8 {140}	40.1 {141}	39.8 {140}	39.5 {139}
		0	35.6 {125}	36.7 {129}	37.0 {130}	37.0 {130}	37.3 {131}	36.4 {128}
		-5	33.6 {118}	33.6 {118}	34.1 {120}	34.1 {120}	33.6 {118}	33.0 {116}
		-10	31.3 {110}	31.6 {111}	31.6 {111}	31.3 {110}	31.0 {109}	30.4 {107}
		-20	27.3 {96.1}	27.4 {96.3}	27.3 {96.1}	27.1 {95.2}	26.7 {93.7}	25.7 {90.3}
		-30	23.7 {83.2}	23.6 {82.8}	23.4 {82.2}	23.2 {81.5}	22.6 {79.4}	-
	-40	20.6 {72.3}	20.4 {71.6}	20.1 {70.8}	20.0 {70.2}	19.4 {68.1}	-	
	12330DC1S	10	44.4 {156}	47.5 {167}	48.6 {171}	49.5 {174}	50.1 {176}	50.1 {176}
		5	45.5 {160}	47.2 {166}	48.4 {170}	48.6 {171}	48.9 {172}	48.6 {171}
		0	43.5 {153}	44.7 {157}	45.5 {160}	45.5 {160}	45.5 {160}	44.7 {157}
		-5	40.7 {143}	41.2 {145}	41.8 {147}	41.5 {146}	41.2 {145}	40.4 {142}
		-10	38.4 {135}	39.0 {137}	39.3 {138}	39.0 {137}	38.4 {135}	37.5 {132}
		-20	33.6 {118}	33.6 {118}	33.6 {118}	33.3 {117}	32.4 {114}	31.6 {111}
		-30	29.0 {102}	29.0 {102}	28.7 {101}	28.7 {101}	27.6 {97.1}	-
	-40	25.2 {88.5}	25.0 {87.8}	24.7 {86.9}	24.5 {86.0}	23.7 {83.4}	-	
	12420DC1S	10	56.3 {198}	60.0 {211}	61.7 {217}	62.6 {220}	63.4 {223}	63.4 {223}
		5	57.5 {202}	60.0 {211}	61.1 {215}	61.7 {217}	62.0 {218}	61.7 {217}
		0	56.3 {198}	58.0 {204}	58.6 {206}	58.6 {206}	58.6 {206}	57.7 {203}
		-5	53.2 {187}	54.0 {190}	54.6 {192}	54.3 {191}	53.8 {189}	52.9 {186}
		-10	52.3 {184}	50.9 {179}	51.2 {180}	50.9 {179}	50.3 {177}	49.2 {173}
		-20	44.7 {157}	44.7 {157}	44.7 {157}	44.4 {156}	43.5 {153}	42.1 {148}
		-30	38.7 {136}	38.4 {135}	38.1 {134}	37.8 {133}	36.7 {129}	-
	-40	33.6 {118}	33.6 {118}	33.3 {117}	33.0 {116}	31.9 {112}	-	
12500DC1S	10	68.0 {239}	72.2 {254}	74.2 {261}	75.1 {264}	75.9 {267}	75.9 {267}	
	5	69.4 {244}	72.2 {254}	73.7 {259}	73.7 {259}	74.5 {262}	73.7 {259}	
	0	67.7 {238}	70.0 {246}	70.5 {248}	70.5 {248}	70.5 {248}	69.4 {244}	
	-5	64.0 {225}	65.1 {229}	65.7 {231}	65.4 {230}	65.1 {229}	63.7 {224}	
	-10	61.1 {215}	61.7 {217}	62.0 {218}	61.7 {217}	60.9 {214}	59.4 {209}	
	-20	53.8 {189}	53.5 {188}	53.8 {189}	53.2 {187}	52.0 {183}	50.3 {177}	
	-30	46.6 {164}	46.4 {163}	46.1 {162}	45.8 {161}	44.7 {157}	-	
-40	41.0 {144}	40.1 {141}	39.8 {140}	39.5 {139}	38.1 {134}	-		

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	34006BC1C 34006DC1C	10	0.83 {2.93}	0.89 {3.14}	0.92 {3.23}	0.93 {3.26}	0.94 {3.31}	0.93 {3.28}
		5	0.86 {3.01}	0.89 {3.14}	0.91 {3.19}	0.91 {3.21}	0.92 {3.22}	0.91 {3.20}
		0	0.80 {2.80}	0.82 {2.89}	0.83 {2.92}	0.83 {2.93}	0.83 {2.93}	0.82 {2.88}
		-5	0.78 {2.73}	0.79 {2.77}	0.79 {2.78}	0.79 {2.79}	0.78 {2.76}	0.77 {2.69}
		-10	0.71 {2.50}	0.73 {2.55}	0.73 {2.55}	0.72 {2.54}	0.71 {2.51}	0.69 {2.43}
		-20	0.61 {2.13}	0.61 {2.13}	0.61 {2.13}	0.60 {2.12}	0.59 {2.07}	0.57 {2.01}
		-30	0.49 {1.73}	0.49 {1.71}	0.48 {1.70}	0.48 {1.69}	0.47 {1.65}	-
		-40	0.41 {1.43}	0.40 {1.39}	0.40 {1.39}	0.39 {1.37}	0.38 {1.33}	-
	34013BC1C 34013DC1C	10	1.76 {6.19}	1.88 {6.60}	1.93 {6.77}	1.95 {6.85}	1.98 {6.95}	1.98 {6.95}
		5	1.80 {6.33}	1.88 {6.60}	1.91 {6.72}	1.92 {6.76}	1.93 {6.79}	1.91 {6.70}
		0	1.68 {5.91}	1.74 {6.12}	1.76 {6.18}	1.76 {6.20}	1.76 {6.18}	1.73 {6.08}
		-5	1.53 {5.37}	1.56 {5.48}	1.57 {5.51}	1.56 {5.50}	1.55 {5.46}	1.52 {5.35}
		-10	1.46 {5.15}	1.47 {5.18}	1.48 {5.20}	1.48 {5.19}	1.46 {5.12}	1.42 {4.99}
		-20	1.28 {4.50}	1.28 {4.51}	1.28 {4.50}	1.27 {4.47}	1.25 {4.38}	1.20 {4.23}
		-30	1.13 {3.96}	1.12 {3.94}	1.11 {3.91}	1.10 {3.87}	1.07 {3.77}	-
		-40	0.97 {3.41}	0.96 {3.36}	0.95 {3.33}	0.94 {3.30}	0.91 {3.19}	-
	34023BC1C 34023DC1C	10	3.07 {10.8}	3.24 {11.4}	3.36 {11.8}	3.36 {11.8}	3.41 {12.0}	3.47 {12.2}
		5	3.07 {10.8}	3.21 {11.3}	3.27 {11.5}	3.27 {11.5}	3.27 {11.5}	3.27 {11.5}
		0	2.90 {10.2}	2.99 {10.5}	3.01 {10.6}	3.04 {10.7}	3.01 {10.6}	2.96 {10.4}
		-5	2.76 {9.72}	2.82 {9.93}	2.84 {10.0}	2.84 {10.0}	2.83 {9.95}	2.76 {9.69}
		-10	2.48 {8.71}	2.51 {8.81}	2.51 {8.82}	2.50 {8.80}	2.47 {8.67}	2.39 {8.41}
		-20	2.19 {7.70}	2.19 {7.70}	2.18 {7.67}	2.16 {7.61}	2.12 {7.46}	2.05 {7.21}
		-30	1.84 {6.46}	1.82 {6.41}	1.81 {6.36}	1.79 {6.31}	1.75 {6.14}	-
		-40	1.46 {5.15}	1.45 {5.11}	1.44 {5.06}	1.42 {5.01}	1.38 {4.86}	-
	34035BC1C 34035DC1C	10	4.61 {16.2}	4.89 {17.2}	5.03 {17.7}	5.09 {17.9}	5.18 {18.2}	5.18 {18.2}
		5	4.69 {16.5}	4.89 {17.2}	4.98 {17.5}	5.01 {17.6}	5.03 {17.7}	5.01 {17.6}
		0	4.46 {15.7}	4.58 {16.1}	4.64 {16.3}	4.61 {16.2}	4.64 {16.3}	4.55 {16.0}
		-5	4.07 {14.3}	4.12 {14.5}	4.18 {14.7}	4.15 {14.6}	4.12 {14.5}	4.04 {14.2}
		-10	3.78 {13.3}	3.81 {13.4}	3.81 {13.4}	3.78 {13.3}	3.75 {13.2}	3.64 {12.8}
		-20	3.21 {11.3}	3.24 {11.4}	3.24 {11.4}	3.21 {11.3}	3.13 {11.0}	3.04 {10.7}
		-30	2.79 {9.82}	2.80 {9.83}	2.76 {9.71}	2.76 {9.70}	2.66 {9.37}	-
		-40	2.25 {7.92}	2.23 {7.85}	2.21 {7.77}	2.19 {7.69}	2.12 {7.46}	-
	34045BC1C 34045DC1C	10	5.92 {20.8}	6.29 {22.1}	6.46 {22.7}	6.54 {23.0}	6.63 {23.3}	6.63 {23.3}
		5	6.03 {21.2}	6.29 {22.1}	6.40 {22.5}	6.43 {22.6}	6.46 {22.7}	6.43 {22.6}
		0	5.72 {20.1}	5.92 {20.8}	5.94 {20.9}	5.97 {21.0}	5.94 {20.9}	5.86 {20.6}
		-5	5.23 {18.4}	5.15 {18.1}	5.35 {18.8}	5.35 {18.8}	5.32 {18.7}	5.20 {18.3}
		-10	4.83 {17.0}	4.89 {17.2}	4.89 {17.2}	4.86 {17.1}	4.78 {16.8}	4.69 {16.5}
		-20	4.15 {14.6}	4.15 {14.6}	4.15 {14.6}	4.12 {14.5}	4.04 {14.2}	3.90 {13.7}
		-30	3.55 {12.5}	3.58 {12.6}	3.55 {12.5}	3.53 {12.4}	3.44 {12.1}	-
		-40	2.90 {10.2}	2.87 {10.1}	2.84 {10.0}	2.82 {9.90}	2.74 {9.63}	-
	57060DC1C	10	8.11 {28.5}	8.65 {30.4}	8.90 {31.3}	9.02 {31.7}	9.13 {32.1}	9.10 {32.0}
		5	8.30 {29.2}	8.65 {30.4}	8.82 {31.0}	8.84 {31.1}	8.93 {31.4}	8.84 {31.1}
		0	7.93 {27.9}	8.16 {28.7}	8.25 {29.0}	8.28 {29.1}	8.25 {29.0}	8.11 {28.5}
		-5	7.37 {25.9}	7.54 {26.5}	7.56 {26.6}	7.56 {26.6}	7.51 {26.4}	7.37 {25.9}
		-10	6.94 {24.4}	7.02 {24.7}	7.05 {24.8}	7.02 {24.7}	6.94 {24.4}	6.74 {23.7}
		-20	6.00 {21.1}	6.03 {21.2}	6.00 {21.1}	5.94 {20.9}	5.83 {20.5}	5.63 {19.8}
		-30	5.20 {18.3}	5.18 {18.2}	5.15 {18.1}	5.09 {17.9}	4.98 {17.5}	-
		-40	4.46 {15.7}	4.44 {15.6}	4.41 {15.5}	4.38 {15.4}	4.24 {14.9}	-
57080DC1C	10	10.9 {38.2}	11.6 {40.7}	11.9 {41.8}	12.0 {42.3}	12.2 {42.9}	12.2 {42.9}	
	5	11.1 {39.1}	11.6 {40.8}	11.8 {41.5}	11.9 {41.8}	11.9 {42.0}	11.8 {41.6}	
	0	10.6 {37.3}	11.0 {38.5}	11.1 {38.9}	11.1 {39.0}	11.1 {38.9}	10.9 {38.3}	
	-5	9.78 {34.4}	9.98 {35.1}	10.0 {35.3}	10.0 {35.3}	9.95 {35.0}	9.73 {34.2}	
	-10	9.30 {32.7}	9.41 {33.1}	9.41 {33.1}	9.38 {33.0}	9.27 {32.6}	9.02 {31.7}	
	-20	8.02 {28.2}	8.05 {28.3}	7.99 {28.1}	7.93 {27.9}	7.76 {27.3}	7.51 {26.4}	
	-30	6.97 {24.5}	6.94 {24.4}	6.88 {24.2}	6.80 {23.9}	6.63 {23.3}	-	
	-40	6.00 {21.1}	5.92 {20.8}	5.86 {20.6}	5.80 {20.4}	5.63 {19.8}	-	
71110DC1C	10	15.4 {54.3}	16.2 {57.0}	16.6 {58.5}	16.8 {59.1}	17.1 {60.1}	17.0 {59.9}	
	5	15.2 {53.6}	15.9 {55.8}	16.2 {56.9}	16.3 {57.2}	16.4 {57.6}	16.2 {57.0}	
	0	14.7 {51.8}	15.2 {53.4}	15.4 {54.0}	15.4 {54.2}	15.3 {53.9}	15.1 {53.0}	
	-5	13.8 {48.6}	14.1 {49.5}	14.1 {49.7}	14.2 {49.8}	14.0 {49.3}	13.7 {48.3}	
	-10	12.7 {44.8}	12.9 {45.4}	12.9 {45.5}	12.9 {45.5}	12.7 {44.7}	12.4 {43.6}	
	-20	11.5 {40.5}	11.5 {40.5}	11.5 {40.4}	11.4 {40.1}	11.2 {39.2}	10.8 {38.0}	
	-30	9.81 {34.5}	9.75 {34.3}	9.70 {34.1}	9.58 {33.7}	9.36 {32.9}	-	
	-40	8.47 {29.8}	8.42 {29.6}	8.33 {29.3}	8.25 {29.0}	7.99 {28.1}	-	

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}					
Type	Model		Condensing temp. (°C)					
			30	35	38	40	45	50
ATX-	71140DC1C	10	19.0 {66.8}	20.3 {71.2}	20.8 {73.1}	21.0 {74.0}	21.4 {75.1}	21.3 {74.9}
		5	19.3 {68.0}	20.2 {71.0}	20.5 {72.1}	20.7 {72.6}	20.8 {73.0}	20.6 {72.3}
		0	18.4 {64.8}	19.0 {66.9}	19.2 {67.6}	19.3 {67.7}	19.2 {67.6}	18.9 {66.4}
		-5	17.3 {60.7}	17.5 {61.6}	17.6 {61.9}	17.6 {61.9}	17.5 {61.4}	17.2 {60.3}
		-10	16.4 {57.6}	16.6 {58.3}	16.6 {58.3}	16.6 {58.2}	16.3 {57.4}	15.9 {55.9}
		-20	14.4 {50.5}	14.4 {50.7}	14.4 {50.5}	14.3 {50.1}	14.0 {49.1}	13.5 {47.5}
		-30	12.3 {43.4}	12.3 {43.1}	12.2 {42.8}	12.1 {42.4}	11.8 {41.3}	-
		-40	10.8 {37.9}	10.7 {37.5}	10.6 {37.1}	10.5 {37.0}	10.1 {35.6}	-
	71160DC1C	10	21.7 {76.3}	23.2 {81.4}	23.8 {83.7}	24.1 {84.6}	24.4 {85.9}	24.3 {85.6}
		5	22.3 {78.3}	23.2 {81.7}	23.7 {83.2}	23.8 {83.6}	23.9 {84.1}	23.7 {83.3}
		0	21.3 {74.9}	22.0 {77.2}	22.2 {78.0}	22.2 {78.1}	22.2 {78.0}	21.8 {76.7}
		-5	19.8 {69.5}	20.2 {71.0}	20.3 {71.4}	20.3 {71.4}	19.5 {68.7}	19.7 {69.1}
		-10	19.2 {67.5}	18.9 {66.3}	18.9 {66.4}	18.8 {66.1}	18.5 {65.2}	18.1 {63.5}
		-20	16.4 {57.5}	16.5 {58.1}	16.4 {57.8}	16.4 {57.5}	16.0 {56.2}	15.5 {54.4}
		-30	14.1 {49.5}	14.0 {49.3}	13.9 {49.0}	13.8 {48.5}	13.5 {47.3}	-
		-40	12.3 {43.3}	12.2 {43.0}	12.1 {42.5}	12.0 {42.1}	11.6 {40.8}	-
	12220DC1C	10	30.2 {106}	31.9 {112}	33.0 {116}	33.3 {117}	33.8 {119}	33.6 {118}
		5	30.4 {107}	31.9 {112}	32.4 {114}	32.4 {114}	32.7 {115}	32.7 {115}
		0	29.3 {103}	30.2 {106}	30.7 {108}	30.7 {108}	30.4 {107}	29.9 {105}
		-5	27.4 {96.3}	27.7 {97.5}	27.9 {98.2}	28.0 {98.3}	27.8 {97.7}	27.1 {95.2}
		-10	25.7 {90.5}	26.0 {91.5}	26.0 {91.4}	26.0 {91.5}	25.7 {90.2}	25.0 {87.8}
		-20	22.4 {78.6}	22.4 {78.8}	22.3 {78.4}	22.2 {78.0}	21.7 {76.3}	21.0 {73.8}
		-30	19.5 {68.4}	19.4 {68.2}	19.2 {67.6}	19.1 {67.1}	18.5 {65.2}	-
		-40	16.9 {59.5}	16.8 {59.0}	16.6 {58.4}	16.4 {57.8}	16.0 {56.1}	-
	12270DC1C	10	36.4 {128}	38.7 {136}	39.8 {140}	40.1 {141}	40.7 {143}	40.7 {143}
		5	37.3 {131}	39.0 {137}	39.8 {140}	40.1 {141}	39.8 {140}	39.5 {139}
		0	35.6 {125}	36.7 {129}	37.0 {130}	37.0 {130}	37.3 {131}	36.4 {128}
		-5	33.6 {118}	33.6 {118}	34.1 {120}	34.1 {120}	33.6 {118}	33.0 {116}
		-10	31.3 {110}	31.6 {111}	31.6 {111}	31.3 {110}	31.0 {109}	30.4 {107}
		-20	27.3 {96.1}	27.4 {96.3}	27.3 {96.1}	27.1 {95.2}	26.7 {93.7}	25.7 {90.3}
		-30	23.7 {83.2}	23.6 {82.8}	23.4 {82.2}	23.2 {81.5}	22.6 {79.4}	-
		-40	20.6 {72.3}	20.4 {71.6}	20.1 {70.8}	20.0 {70.2}	19.4 {68.1}	-
	12330DC1C	10	44.4 {156}	47.5 {167}	48.6 {171}	49.5 {174}	50.1 {176}	50.1 {176}
		5	45.5 {160}	47.2 {166}	48.4 {170}	48.6 {171}	48.9 {172}	48.6 {171}
		0	43.5 {153}	44.7 {157}	45.5 {160}	45.5 {160}	45.5 {160}	44.7 {157}
		-5	40.7 {143}	41.2 {145}	41.8 {147}	41.5 {146}	41.2 {145}	40.4 {142}
		-10	38.4 {135}	39.0 {137}	39.3 {138}	39.0 {137}	38.4 {135}	37.5 {132}
		-20	33.6 {118}	33.6 {118}	33.6 {118}	33.3 {117}	32.4 {114}	31.6 {111}
		-30	29.0 {102}	29.0 {102}	28.7 {101}	28.7 {101}	27.6 {97.1}	-
		-40	25.2 {88.5}	25.0 {87.8}	24.7 {86.9}	24.5 {86.0}	23.7 {83.4}	-
	12420DC1C	10	56.3 {198}	60.0 {211}	61.7 {217}	62.6 {220}	63.4 {223}	63.4 {223}
		5	57.5 {202}	60.0 {211}	61.1 {215}	61.7 {217}	62.0 {218}	61.7 {217}
		0	56.3 {198}	58.0 {204}	58.6 {206}	58.6 {206}	58.6 {206}	57.7 {203}
		-5	53.2 {187}	54.0 {190}	54.6 {192}	54.3 {191}	53.8 {189}	52.9 {186}
		-10	52.3 {184}	50.9 {179}	51.2 {180}	50.9 {179}	50.3 {177}	49.2 {173}
		-20	44.7 {157}	44.7 {157}	44.7 {157}	44.4 {156}	43.5 {153}	42.1 {148}
		-30	38.7 {136}	38.4 {135}	38.1 {134}	37.8 {133}	36.7 {129}	-
		-40	33.6 {118}	33.6 {118}	33.3 {117}	33.0 {116}	31.9 {112}	-
12500DC1C	10	68.0 {239}	72.2 {254}	74.2 {261}	75.1 {264}	75.9 {267}	75.9 {267}	
	5	69.4 {244}	72.2 {254}	73.7 {259}	73.7 {259}	74.5 {262}	73.7 {259}	
	0	67.7 {238}	70.0 {246}	70.5 {248}	70.5 {248}	70.5 {248}	69.4 {244}	
	-5	64.0 {225}	65.1 {229}	65.7 {231}	65.4 {230}	65.1 {229}	63.7 {224}	
	-10	61.1 {215}	61.7 {217}	62.0 {218}	61.7 {217}	60.9 {214}	59.4 {209}	
	-20	53.8 {189}	53.5 {188}	53.8 {189}	53.2 {187}	52.0 {183}	50.3 {177}	
	-30	46.6 {164}	46.4 {163}	46.1 {162}	45.8 {161}	44.7 {157}	-	
	-40	41.0 {144}	40.1 {141}	39.8 {140}	39.5 {139}	38.1 {134}	-	

Catalog No.		evaporating temp. (°C)	Capacity (U.S.R.T.) {kW}				
Type	Model		Condensing temp. (°C)				
			20	30	38	40	50
ATX-	34006BC1SL 34006DC1SL	-25	0.55 {1.94}	0.57 {1.99}	0.56 {1.98}	0.56 {1.96}	0.53 {1.85}
		-30	0.49 {1.72}	0.50 {1.75}	0.49 {1.73}	0.49 {1.72}	0.46 {1.60}
		-40	0.41 {1.45}	0.42 {1.47}	0.41 {1.44}	0.41 {1.42}	0.38 {1.32}
		-50	0.29 {1.01}	0.29 {1.01}	0.28 {0.99}	0.28 {0.98}	0.26 {0.91}
		-60	0.20 {0.71}	0.20 {0.72}	0.20 {0.70}	0.20 {0.70}	0.18 {0.64}
	34013BC1SL 34013DC1SL	-25	1.31 {4.59}	1.34 {4.72}	1.33 {4.69}	1.32 {4.66}	1.25 {4.38}
		-30	1.23 {4.32}	1.25 {4.40}	1.24 {4.35}	1.23 {4.32}	1.15 {4.04}
		-40	1.06 {3.74}	1.07 {3.78}	1.05 {3.71}	1.05 {3.68}	0.97 {3.41}
		-50	0.83 {2.91}	0.83 {2.93}	0.81 {2.87}	0.81 {2.84}	0.75 {2.62}
		-60	0.59 {2.09}	0.60 {2.10}	0.59 {2.06}	0.58 {2.04}	0.54 {1.89}
	34023BC1SL 34023DC1SL	-25	2.20 {7.74}	2.27 {7.97}	2.25 {7.91}	2.23 {7.86}	2.10 {7.39}
		-30	2.03 {7.12}	2.07 {7.27}	2.04 {7.17}	2.03 {7.12}	1.89 {6.66}
		-40	1.64 {5.76}	1.66 {5.82}	1.62 {5.71}	1.61 {5.66}	1.49 {5.25}
		-50	1.31 {4.61}	1.32 {4.64}	1.29 {4.54}	1.28 {4.50}	1.18 {4.16}
		-60	0.82 {2.90}	0.83 {2.92}	0.81 {2.86}	0.81 {2.84}	0.75 {2.62}
	34035BC1SL 34035DC1SL	-25	3.30 {11.6}	3.40 {11.9}	3.37 {11.9}	3.35 {11.8}	3.15 {11.1}
		-30	3.03 {10.7}	3.10 {10.9}	3.06 {10.7}	3.03 {10.7}	2.84 {10.0}
		-40	2.47 {8.68}	2.49 {8.77}	2.45 {8.60}	2.42 {8.53}	2.25 {7.91}
		-50	1.87 {6.59}	1.89 {6.63}	1.85 {6.49}	1.83 {6.43}	1.69 {5.94}
		-60	1.46 {5.14}	1.47 {5.18}	1.44 {5.08}	1.43 {5.03}	1.32 {4.65}
	34045BC1SL 34045DC1SL	-25	4.36 {15.3}	4.48 {15.8}	4.45 {15.6}	4.42 {15.6}	4.16 {14.6}
		-30	3.90 {13.7}	3.98 {14.0}	3.93 {13.8}	3.90 {13.7}	3.65 {12.8}
		-40	3.28 {11.5}	3.32 {11.7}	3.25 {11.4}	3.22 {11.3}	2.99 {10.5}
		-50	2.65 {9.31}	2.67 {9.37}	2.61 {9.17}	2.58 {9.09}	2.39 {8.40}
		-60	2.02 {7.11}	2.04 {7.17}	2.00 {7.02}	1.98 {6.96}	1.83 {6.43}
	57060DC1SL	-25	5.84 {20.5}	6.01 {21.1}	5.97 {21.0}	5.93 {20.8}	5.57 {19.6}
		-30	5.45 {19.2}	5.56 {19.5}	5.49 {19.3}	5.45 {19.2}	5.09 {17.9}
		-40	4.74 {16.7}	4.79 {16.8}	4.70 {16.5}	4.66 {16.4}	4.32 {15.2}
		-50	3.73 {13.1}	3.75 {13.2}	3.67 {12.9}	3.64 {12.8}	3.36 {11.8}
		-60	2.56 {9.01}	2.58 {9.08}	2.53 {8.90}	2.51 {8.82}	2.32 {8.15}
	57080DC1SL	-25	7.89 {27.7}	8.12 {28.6}	8.06 {28.3}	8.01 {28.2}	7.53 {26.5}
		-30	7.32 {25.7}	7.47 {26.3}	7.37 {25.9}	7.32 {25.7}	6.84 {24.1}
		-40	6.34 {22.3}	6.41 {22.5}	6.29 {22.1}	6.23 {21.9}	5.78 {20.3}
		-50	5.04 {17.7}	5.07 {17.8}	4.96 {17.4}	4.91 {17.3}	4.54 {16.0}
		-60	3.45 {12.1}	3.48 {12.2}	3.41 {12.0}	3.38 {11.9}	3.12 {11.0}
	71110DC1SL	-25	9.97 {35.1}	10.3 {36.1}	10.2 {35.8}	10.1 {35.6}	9.51 {33.5}
		-30	9.25 {32.5}	9.44 {33.2}	9.32 {32.8}	9.25 {32.5}	8.65 {30.4}
		-40	8.06 {28.4}	8.15 {28.6}	7.99 {28.1}	7.92 {27.9}	7.35 {25.9}
		-50	5.90 {20.7}	5.93 {20.9}	5.81 {20.4}	5.75 {20.2}	5.32 {18.7}
		-60	4.10 {14.4}	4.13 {14.5}	4.05 {14.2}	4.01 {14.1}	3.71 {13.0}
	71140DC1SL	-25	14.0 {49.0}	14.4 {50.5}	14.3 {50.1}	14.2 {49.8}	13.3 {46.8}
		-30	13.0 {45.6}	13.2 {46.5}	13.1 {46.0}	13.0 {45.6}	12.1 {42.6}
		-40	11.4 {40.2}	11.6 {40.6}	11.3 {39.8}	11.2 {39.5}	10.4 {36.6}
		-50	8.57 {30.1}	8.63 {30.3}	8.44 {29.7}	8.36 {29.4}	7.73 {27.2}
		-60	5.83 {20.5}	5.88 {20.7}	5.76 {20.2}	5.70 {20.1}	5.27 {18.5}
	71160DC1SL	-25	19.5 {68.7}	20.1 {70.7}	20.0 {70.2}	19.8 {69.7}	18.6 {65.6}
		-30	18.2 {63.8}	18.5 {65.1}	18.3 {64.3}	18.2 {63.8}	17.0 {59.7}
		-40	16.1 {56.5}	16.2 {57.1}	15.9 {56.0}	15.8 {55.5}	14.7 {51.5}
		-50	12.1 {42.6}	12.2 {42.9}	11.9 {42.0}	11.8 {41.6}	10.9 {38.4}
		-60	8.29 {29.2}	8.36 {29.4}	8.19 {28.8}	8.12 {28.5}	7.50 {26.4}
12220DC1SL	-25	25.6 {89.9}	26.3 {92.5}	26.1 {91.9}	26.0 {91.3}	24.4 {85.8}	
	-30	24.0 {84.3}	24.5 {86.0}	24.1 {84.9}	24.0 {84.3}	22.4 {78.8}	
	-40	21.0 {74.0}	21.3 {74.7}	20.9 {73.3}	20.7 {72.7}	19.2 {67.4}	
	-50	15.9 {56.0}	16.0 {56.3}	15.7 {55.1}	15.5 {54.6}	14.4 {50.5}	
	-60	10.9 {38.2}	11.0 {38.5}	10.7 {37.8}	10.6 {37.4}	9.83 {34.6}	
12270DC1SL	-25	31.0 {109}	31.9 {112}	31.7 {111}	31.5 {111}	29.6 {104}	
	-30	29.0 {102}	29.6 {104}	29.2 {103}	29.0 {102}	27.1 {95.3}	
	-40	25.5 {89.5}	25.7 {90.4}	25.2 {88.7}	25.0 {87.9}	23.2 {81.6}	
	-50	19.0 {66.8}	19.1 {67.2}	18.7 {65.8}	18.5 {65.2}	17.1 {60.2}	
	-60	13.0 {45.5}	13.1 {45.9}	12.8 {45.0}	12.7 {44.6}	11.7 {41.2}	
12330DC1SL	-25	37.4 {132}	38.5 {135}	38.2 {134}	38.0 {134}	35.7 {126}	
	-30	35.0 {123}	35.7 {126}	35.3 {124}	35.0 {123}	32.7 {115}	
	-40	30.6 {107}	30.9 {109}	30.3 {107}	30.0 {106}	27.9 {98.0}	
	-50	23.1 {81.2}	23.3 {81.8}	22.8 {80.0}	22.5 {79.3}	20.8 {73.2}	
	-60	15.5 {54.6}	15.7 {55.1}	15.4 {54.0}	15.2 {53.5}	14.1 {49.4}	
12420DC1SL	-25	49.2 {173}	50.6 {178}	50.3 {177}	49.9 {176}	46.9 {165}	
	-30	46.0 {162}	46.9 {165}	46.3 {163}	46.0 {162}	43.0 {151}	
	-40	40.5 {142}	40.9 {144}	40.2 {141}	39.8 {140}	36.9 {130}	
	-50	31.2 {110}	31.4 {110}	30.7 {108}	30.4 {107}	28.1 {98.9}	
	-60	21.5 {75.6}	21.7 {76.2}	21.3 {74.7}	21.1 {74}	19.5 {68.4}	
12500DC1SL	-25	61.9 {218}	63.7 {224}	63.2 {222}	62.8 {221}	59.1 {208}	
	-30	57.9 {204}	59.1 {208}	58.4 {205}	57.9 {204}	54.2 {190}	
	-40	51.3 {180}	51.8 {182}	50.8 {179}	50.4 {177}	46.8 {164}	
	-50	39.0 {137}	39.2 {138}	38.4 {135}	38.0 {134}	35.1 {124}	
	-60	27.1 {95.4}	27.4 {96.2}	26.8 {94.3}	26.6 {93.4}	24.5 {86.3}	