

影响容量的修正因素

高压侧液管的压力损失

高压侧的压力损失会造成冷冻能力低下。从冷凝器到膨胀阀的压力损失会产生闪蒸气体，由于膨胀阀的容量低下，通常有必要考虑 1~3℃ 的过冷却度。

低压侧配管的压力损失修正系数

分配器或者蒸发器内部的压力损失会造成温度不均衡或者容量低下，此外，内部均压型膨胀阀则增加静止过热度。分配器以及蒸发器压力损失变化时的修正系数。

R134a

蒸发温度 (°C)	压力损失 (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

蒸发温度 (°C)	压力损失 (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

蒸发温度 (°C)	压力损失 (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

蒸发温度 (°C)	压力损失 (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

蒸发温度 (°C)	压力损失 (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

蒸发温度 (°C)	压力损失 (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

基于过冷度的修正系数

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

R134a

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

R404A

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

R407C

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

R410A

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

R448A

冷凝温度 (°C)	过冷度 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

冷凝温度 (°C)	过冷度 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

HEX 能力表

R134a
<-30~10℃>

型号		蒸发温度 (℃)	公称能力 (kW) [美国冷冻吨]				
型式	编号		冷凝温度 (℃)				
			20	30	38	50	60
HEX-	2333BM	10	0.77 (0.22)	1.02 (0.29)	1.16 (0.33)	1.27 (0.36)	1.27 (0.36)
		5	0.91 (0.26)	1.09 (0.31)	1.20 (0.34)	1.27 (0.36)	1.27 (0.36)
		0	0.98 (0.28)	1.16 (0.33)	1.23 (0.35)	1.30 (0.37)	1.27 (0.36)
		-5	1.06 (0.30)	1.20 (0.34)	1.27 (0.36)	1.30 (0.37)	1.27 (0.36)
		-10	1.13 (0.32)	1.23 (0.35)	1.30 (0.37)	1.30 (0.37)	1.27 (0.36)
		-20	1.20 (0.34)	1.27 (0.36)	1.30 (0.37)	1.30 (0.37)	1.23 (0.35)
		-30	1.23 (0.35)	1.30 (0.37)	1.34 (0.38)	1.30 (0.37)	1.23 (0.35)
	2335BM 2345BM	10	1.55 (0.44)	2.07 (0.59)	2.32 (0.66)	2.50 (0.71)	2.50 (0.71)
		5	1.79 (0.51)	2.22 (0.63)	2.43 (0.69)	2.53 (0.72)	2.53 (0.72)
		0	1.97 (0.56)	2.32 (0.66)	2.50 (0.71)	2.57 (0.73)	2.53 (0.72)
		-5	2.11 (0.60)	2.39 (0.68)	2.53 (0.72)	2.60 (0.74)	2.50 (0.71)
		-10	2.22 (0.63)	2.46 (0.70)	2.57 (0.73)	2.60 (0.74)	2.50 (0.71)
		-20	2.36 (0.67)	2.53 (0.72)	2.60 (0.74)	2.60 (0.74)	2.46 (0.70)
		-30	2.46 (0.70)	2.60 (0.74)	2.64 (0.75)	2.60 (0.74)	2.46 (0.70)
	2348BM	10	2.43 (0.69)	3.17 (0.90)	3.55 (1.01)	3.83 (1.09)	3.83 (1.09)
		5	2.74 (0.78)	3.38 (0.96)	3.69 (1.05)	3.94 (1.12)	3.83 (1.09)
		0	3.02 (0.86)	3.55 (1.01)	3.80 (1.08)	3.94 (1.12)	3.83 (1.09)
		-5	3.24 (0.92)	3.66 (1.04)	3.87 (1.10)	3.97 (1.13)	3.83 (1.09)
		-10	3.41 (0.97)	3.76 (1.07)	3.94 (1.12)	3.97 (1.13)	3.83 (1.09)
		-20	3.62 (1.03)	3.87 (1.10)	3.97 (1.13)	3.97 (1.13)	3.76 (1.07)
		-30	3.76 (1.07)	3.97 (1.13)	4.04 (1.15)	3.97 (1.13)	3.76 (1.07)
	2341BM	10	3.20 (0.91)	4.29 (1.22)	4.82 (1.37)	5.24 (1.49)	5.21 (1.48)
		5	3.73 (1.06)	4.61 (1.31)	5.03 (1.43)	5.31 (1.51)	5.24 (1.49)
		0	4.15 (1.18)	4.82 (1.37)	5.17 (1.47)	5.38 (1.53)	5.24 (1.49)
		-5	4.43 (1.26)	4.99 (1.42)	5.28 (1.50)	5.42 (1.54)	5.24 (1.49)
		-10	4.64 (1.32)	5.13 (1.46)	5.35 (1.52)	5.42 (1.54)	5.21 (1.48)
		-20	4.92 (1.40)	5.28 (1.50)	5.45 (1.55)	5.42 (1.54)	5.13 (1.46)
		-30	5.13 (1.46)	5.42 (1.54)	5.52 (1.57)	5.45 (1.55)	5.13 (1.46)
	2342BM	10	5.52 (1.57)	7.46 (2.12)	8.37 (2.38)	9.04 (2.57)	9.04 (2.57)
		5	6.51 (1.85)	7.98 (2.27)	8.72 (2.48)	9.21 (2.62)	9.11 (2.59)
		0	7.17 (2.04)	8.37 (2.38)	8.97 (2.55)	9.32 (2.65)	9.11 (2.59)
		-5	7.67 (2.18)	8.65 (2.46)	9.14 (2.60)	9.35 (2.66)	9.07 (2.58)
		-10	8.05 (2.29)	8.90 (2.53)	9.28 (2.64)	9.39 (2.67)	9.04 (2.57)
		-20	8.55 (2.43)	9.18 (2.61)	9.43 (2.68)	9.39 (2.67)	8.93 (2.54)
		-30	8.90 (2.53)	9.39 (2.67)	9.57 (2.72)	9.43 (2.68)	8.90 (2.53)
	2344BM 3454BM 4564BM	10	9.35 (2.66)	12.6 (3.58)	14.0 (3.98)	15.3 (4.35)	15.3 (4.35)
		5	11.0 (3.13)	13.5 (3.84)	14.7 (4.18)	15.6 (4.44)	15.4 (4.38)
		0	12.1 (3.44)	14.2 (4.04)	15.2 (4.32)	15.8 (4.49)	15.4 (4.38)
		-5	13.0 (3.70)	14.7 (4.18)	15.5 (4.41)	15.8 (4.49)	15.4 (4.38)
		-10	13.6 (3.87)	15.1 (4.29)	15.7 (4.46)	15.9 (4.52)	15.3 (4.35)
		-20	14.5 (4.12)	15.5 (4.41)	16.0 (4.55)	15.9 (4.52)	15.1 (4.29)
		-30	15.1 (4.29)	15.9 (4.52)	16.2 (4.61)	16.0 (4.55)	15.1 (4.29)
	4566BM	10	15.3 (4.35)	20.6 (5.86)	23.2 (6.60)	25.1 (7.14)	25.1 (7.14)
		5	18.0 (5.12)	22.1 (6.29)	24.1 (6.85)	25.5 (7.25)	25.2 (7.17)
		0	19.9 (5.66)	23.2 (6.60)	24.8 (7.05)	25.8 (7.34)	25.2 (7.17)
		-5	21.2 (6.03)	24.0 (6.83)	25.3 (7.20)	25.9 (7.37)	25.2 (7.17)
		-10	22.3 (6.34)	24.6 (7.00)	25.7 (7.31)	26.0 (7.39)	25.0 (7.11)
		-20	23.7 (6.74)	25.4 (7.22)	26.1 (7.42)	26.0 (7.39)	24.8 (7.05)
		-30	24.7 (7.02)	26.0 (7.39)	26.5 (7.54)	26.1 (7.42)	24.6 (7.00)
	4568BM	10	20.4 (5.80)	27.5 (7.82)	30.9 (8.79)	33.5 (9.53)	33.5 (9.53)
		5	24.0 (6.83)	29.5 (8.39)	32.2 (9.16)	34.0 (9.67)	33.6 (9.56)
		0	26.5 (7.54)	30.9 (8.79)	33.1 (9.41)	34.4 (9.78)	33.6 (9.56)
		-5	28.3 (8.05)	32.0 (9.10)	33.7 (9.58)	34.6 (9.84)	33.5 (9.53)
		-10	29.7 (8.45)	32.8 (9.33)	34.3 (9.75)	34.7 (9.87)	33.4 (9.50)
		-20	31.6 (8.99)	33.9 (9.64)	34.9 (9.93)	34.7 (9.87)	33.0 (9.38)
		-30	32.8 (9.33)	34.7 (9.87)	35.5 (10.1)	34.8 (9.90)	32.8 (9.33)
	2006EX	10	49.1 (14.0)	66.1 (18.8)	74.3 (21.1)	80.3 (22.8)	80.3 (22.8)
		5	57.6 (16.4)	70.8 (20.1)	77.3 (22.0)	81.7 (23.2)	80.7 (23.0)
		0	63.6 (18.1)	74.3 (21.1)	79.5 (22.6)	82.6 (23.5)	80.7 (23.0)
		-5	68.1 (19.4)	76.9 (21.9)	81.1 (23.1)	83.1 (23.6)	80.5 (22.9)
		-10	71.4 (20.3)	78.8 (22.4)	82.3 (23.4)	83.3 (23.7)	80.2 (22.8)
		-20	75.9 (21.6)	81.4 (23.2)	83.7 (23.8)	83.4 (23.7)	79.3 (22.6)
		-30	78.9 (22.4)	83.3 (23.7)	84.5 (24.0)	-	-
	3010EX	10	76.8 (21.8)	103 (29.3)	116 (33.0)	126 (35.8)	126 (35.8)
		5	90.0 (25.6)	111 (31.6)	121 (34.4)	128 (36.4)	126 (35.8)
		0	99.4 (28.3)	116 (33.0)	124 (35.3)	129 (36.7)	126 (35.8)
		-5	106 (30.2)	120 (34.1)	127 (36.1)	130 (37.0)	126 (35.8)
		-10	112 (31.9)	123 (35.0)	129 (36.7)	130 (37.0)	125 (35.6)
		-20	119 (33.8)	127 (36.1)	131 (37.3)	130 (37.0)	124 (35.3)
		-30	123 (35.0)	130 (37.0)	132 (37.5)	-	-
	5012EX	10	116 (33.0)	155 (44.1)	175 (49.8)	189 (53.8)	189 (53.8)
		5	135 (38.4)	166 (47.2)	182 (51.8)	192 (54.6)	190 (54.0)
		0	150 (42.7)	175 (49.8)	187 (53.2)	194 (55.2)	190 (54.0)
		-5	160 (45.5)	181 (51.5)	191 (54.3)	195 (55.5)	189 (53.8)
		-10	168 (47.8)	185 (52.6)	194 (55.2)	196 (55.7)	189 (53.8)
		-20	179 (50.9)	192 (54.6)	197 (56.0)	196 (55.7)	186 (52.9)
		-30	186 (52.9)	196 (55.7)	199 (56.6)	-	-
	7514EX	10	176 (50.1)	236 (67.1)	266 (75.7)	287 (81.6)	287 (81.6)
		5	206 (58.6)	253 (72.0)	276 (78.5)	292 (83.0)	289 (82.2)
		0	228 (64.8)	266 (75.7)	284 (80.8)	295 (83.9)	289 (82.2)
		-5	244 (69.4)	275 (78.2)	290 (82.5)	297 (84.5)	288 (81.9)
		-10	255 (72.5)	282 (80.2)	294 (83.6)	298 (84.8)	287 (81.6)
		-20	272 (77.4)	291 (82.8)	299 (85.0)	298 (84.8)	284 (80.8)
		-30	282 (80.2)	298 (84.8)	302 (85.9)	-	-
	10020EX	10	253 (72.0)	340 (96.7)	383 (109)	414 (118)	414 (118)
		5	297 (84.5)	365 (104)	398 (113)	421 (120)	416 (118)
		0	328 (93.3)	383 (109)	410 (117)	426 (121)	416 (118)
		-5	351 (99.8)	396 (113)	418 (119)	428 (122)	415 (118)
		-10	368 (105)	406 (115)	424 (121)	429 (122)	413 (117)
		-20	391 (111)	420 (119)	432 (123)	430 (122)	409 (116)
		-30	407 (116)	430 (122)	436 (124)	-	-

R404A
标准 <-40~10℃>

型号		蒸发温度 (℃)	公称能力 (kW) (美国冷冻吨)				
型式	编号		冷凝温度 (℃)				
			20	30	38	50	60
HEX-	2333BU	10	0.83 {0.24}	1.05 {0.30}	1.11 {0.32}	1.03 {0.29}	0.81 {0.23}
		5	0.98 {0.28}	1.13 {0.32}	1.15 {0.33}	1.04 {0.30}	0.80 {0.23}
		0	1.08 {0.31}	1.18 {0.34}	1.18 {0.34}	1.04 {0.30}	0.79 {0.22}
		-5	1.15 {0.33}	1.22 {0.35}	1.20 {0.34}	1.04 {0.30}	0.78 {0.22}
		-10	1.21 {0.34}	1.25 {0.36}	1.21 {0.34}	1.03 {0.29}	0.75 {0.21}
		-20	1.28 {0.36}	1.27 {0.36}	1.21 {0.34}	1.00 {0.28}	0.70 {0.20}
		-30	1.30 {0.37}	1.27 {0.36}	1.19 {0.34}	0.96 {0.27}	0.65 {0.18}
	-40	1.31 {0.37}	1.26 {0.36}	1.17 {0.33}	0.91 {0.26}	0.58 {0.16}	
	2335BU 2345BU	10	1.66 {0.47}	2.10 {0.60}	2.21 {0.63}	2.05 {0.58}	1.61 {0.46}
		5	1.95 {0.55}	2.25 {0.64}	2.29 {0.65}	2.07 {0.59}	1.60 {0.46}
		0	2.15 {0.61}	2.36 {0.67}	2.35 {0.67}	2.08 {0.59}	1.58 {0.45}
		-5	2.30 {0.65}	2.43 {0.69}	2.39 {0.68}	2.07 {0.59}	1.54 {0.44}
		-10	2.41 {0.69}	2.48 {0.71}	2.41 {0.69}	2.05 {0.58}	1.50 {0.43}
		-20	2.54 {0.72}	2.53 {0.72}	2.41 {0.69}	1.99 {0.57}	1.40 {0.40}
		-30	2.60 {0.74}	2.53 {0.72}	2.37 {0.67}	1.91 {0.54}	1.29 {0.37}
	-40	2.62 {0.75}	2.51 {0.71}	2.32 {0.66}	1.82 {0.52}	1.16 {0.33}	
	2348BU	10	2.56 {0.73}	3.24 {0.92}	3.41 {0.97}	3.16 {0.90}	2.49 {0.71}
		5	3.00 {0.85}	3.47 {0.99}	3.54 {1.01}	3.20 {0.91}	2.47 {0.70}
		0	3.32 {0.94}	3.64 {1.04}	3.63 {1.03}	3.21 {0.91}	2.43 {0.69}
		-5	3.55 {1.01}	3.76 {1.07}	3.69 {1.05}	3.20 {0.91}	2.38 {0.68}
		-10	3.72 {1.06}	3.84 {1.09}	3.72 {1.06}	3.17 {0.90}	2.32 {0.66}
		-20	3.92 {1.11}	3.91 {1.11}	3.71 {1.06}	3.07 {0.87}	2.16 {0.61}
		-30	4.01 {1.14}	3.91 {1.11}	3.66 {1.04}	2.94 {0.84}	1.99 {0.57}
	-40	4.04 {1.15}	3.88 {1.10}	3.58 {1.02}	2.81 {0.80}	1.80 {0.51}	
	2341BU	10	3.41 {0.97}	4.32 {1.23}	4.55 {1.29}	4.22 {1.20}	3.32 {0.94}
		5	4.00 {1.14}	4.63 {1.32}	4.72 {1.34}	4.26 {1.21}	3.30 {0.94}
		0	4.43 {1.26}	4.86 {1.38}	4.84 {1.38}	4.28 {1.22}	3.25 {0.92}
		-5	4.73 {1.35}	5.01 {1.42}	4.92 {1.40}	4.26 {1.21}	3.18 {0.90}
		-10	4.96 {1.41}	5.11 {1.45}	4.96 {1.41}	4.23 {1.20}	3.09 {0.88}
		-20	5.23 {1.49}	5.21 {1.48}	4.95 {1.41}	4.09 {1.16}	2.88 {0.82}
		-30	5.35 {1.52}	5.22 {1.48}	4.88 {1.39}	3.93 {1.12}	2.65 {0.75}
	-40	5.39 {1.53}	5.18 {1.47}	4.78 {1.36}	3.74 {1.06}	2.40 {0.68}	
	2342BU	10	6.10 {1.73}	7.72 {2.20}	8.12 {2.31}	7.54 {2.14}	5.94 {1.69}
		5	7.15 {2.03}	8.26 {2.35}	8.44 {2.40}	7.62 {2.17}	5.89 {1.68}
		0	7.91 {2.25}	8.66 {2.46}	8.65 {2.46}	7.64 {2.17}	5.80 {1.65}
		-5	8.46 {2.41}	8.95 {2.55}	8.79 {2.50}	7.62 {2.17}	5.68 {1.62}
		-10	8.86 {2.52}	9.14 {2.60}	8.86 {2.52}	7.55 {2.15}	5.53 {1.57}
		-20	9.34 {2.66}	9.31 {2.65}	8.85 {2.52}	7.31 {2.08}	5.15 {1.46}
		-30	9.55 {2.72}	9.32 {2.65}	8.72 {2.48}	7.02 {2.00}	4.74 {1.35}
	-40	9.63 {2.74}	9.25 {2.63}	8.54 {2.43}	6.69 {1.90}	4.28 {1.22}	
	2344BU 3454BU 4564BU	10	10.3 {2.93}	13.0 {3.70}	13.7 {3.90}	12.7 {3.61}	10.0 {2.84}
		5	12.0 {3.41}	13.9 {3.95}	14.2 {4.04}	12.8 {3.64}	9.91 {2.82}
		0	13.3 {3.78}	14.6 {4.15}	14.6 {4.15}	12.9 {3.67}	9.76 {2.78}
		-5	14.2 {4.04}	15.1 {4.29}	14.8 {4.21}	12.8 {3.64}	9.56 {2.72}
		-10	14.9 {4.24}	15.4 {4.38}	14.9 {4.24}	12.7 {3.61}	9.31 {2.65}
		-20	15.7 {4.46}	15.7 {4.46}	14.9 {4.24}	12.3 {3.50}	8.68 {2.47}
		-30	16.1 {4.58}	15.7 {4.46}	14.7 {4.18}	11.8 {3.36}	7.97 {2.27}
	-40	16.2 {4.61}	15.6 {4.44}	14.4 {4.10}	11.3 {3.21}	7.21 {2.05}	
4566BU	10	14.6 {4.15}	18.5 {5.26}	19.5 {5.55}	18.1 {5.15}	14.3 {4.07}	
	5	17.2 {4.89}	19.8 {5.63}	20.3 {5.77}	18.3 {5.20}	14.1 {4.01}	
	0	19.0 {5.40}	20.8 {5.92}	20.8 {5.92}	18.3 {5.20}	13.9 {3.95}	
	-5	20.3 {5.77}	21.5 {6.11}	21.1 {6.00}	18.3 {5.20}	13.6 {3.87}	
	-10	21.3 {6.06}	21.9 {6.23}	21.3 {6.06}	18.1 {5.15}	13.3 {3.78}	
	-20	22.4 {6.37}	22.4 {6.37}	21.2 {6.03}	17.6 {5.01}	12.4 {3.53}	
	-30	22.9 {6.51}	22.4 {6.37}	20.9 {5.94}	16.8 {4.78}	11.4 {3.24}	
-40	23.1 {6.57}	22.2 {6.31}	20.5 {5.83}	16.1 {4.58}	10.3 {2.93}		
4568BU	10	20.5 {5.83}	25.9 {7.37}	27.3 {7.76}	25.3 {7.20}	19.9 {5.66}	
	5	24.0 {6.83}	27.7 {7.88}	28.3 {8.05}	25.6 {7.28}	19.8 {5.63}	
	0	26.5 {7.54}	29.1 {8.28}	29.0 {8.25}	25.6 {7.28}	19.5 {5.55}	
	-5	28.4 {8.08}	30.0 {8.53}	29.5 {8.39}	25.6 {7.28}	19.1 {5.43}	
	-10	29.7 {8.45}	30.7 {8.73}	29.7 {8.45}	25.3 {7.20}	18.6 {5.29}	
	-20	31.3 {8.90}	31.2 {8.87}	29.7 {8.45}	24.5 {6.97}	17.3 {4.92}	
	-30	32.1 {9.13}	31.3 {8.90}	29.3 {8.33}	23.5 {6.68}	15.9 {4.52}	
-40	32.3 {9.19}	31.0 {8.82}	28.7 {8.16}	22.4 {6.37}	14.4 {4.10}		

R404A
 极低温 <-70~-10℃>

型号		蒸发温度 (℃)	公称能力 (kW) (美国冷冻吨)				
型式	编号		冷凝温度 (℃)				
			20	30	38	50	60
HEX-	2333BU	10	0.83 (0.24)	1.05 (0.30)	1.11 (0.32)	1.03 (0.29)	0.81 (0.23)
		5	0.98 (0.28)	1.13 (0.32)	1.15 (0.33)	1.04 (0.30)	0.80 (0.23)
		0	1.08 (0.31)	1.18 (0.34)	1.18 (0.34)	1.04 (0.30)	0.79 (0.22)
		-5	1.15 (0.33)	1.22 (0.35)	1.20 (0.34)	1.04 (0.30)	0.78 (0.22)
		-10	1.21 (0.34)	1.25 (0.36)	1.21 (0.34)	1.03 (0.29)	0.75 (0.21)
		-20	1.28 (0.36)	1.27 (0.36)	1.21 (0.34)	1.00 (0.28)	0.70 (0.20)
		-30	1.30 (0.37)	1.27 (0.36)	1.19 (0.34)	0.96 (0.27)	0.65 (0.18)
		-40	1.31 (0.37)	1.26 (0.36)	1.17 (0.33)	0.91 (0.26)	0.58 (0.16)
		-50	1.33 (0.38)	1.26 (0.36)	1.15 (0.33)	0.88 (0.25)	0.53 (0.15)
		-60	1.36 (0.39)	1.28 (0.36)	1.16 (0.33)	0.86 (0.24)	0.47 (0.13)
	-70	1.46 (0.42)	1.37 (0.39)	1.24 (0.35)	0.89 (0.25)	0.42 (0.12)	
	2335BU	10	1.66 (0.47)	2.10 (0.60)	2.21 (0.63)	2.05 (0.58)	1.61 (0.46)
		5	1.95 (0.55)	2.25 (0.64)	2.29 (0.65)	2.07 (0.59)	1.60 (0.46)
		0	2.15 (0.61)	2.36 (0.67)	2.35 (0.67)	2.08 (0.59)	1.58 (0.45)
		-5	2.30 (0.65)	2.43 (0.69)	2.39 (0.68)	2.07 (0.59)	1.54 (0.44)
		-10	2.41 (0.69)	2.48 (0.71)	2.41 (0.69)	2.05 (0.58)	1.50 (0.43)
		-20	2.54 (0.72)	2.53 (0.72)	2.41 (0.69)	1.99 (0.57)	1.40 (0.40)
		-30	2.60 (0.74)	2.53 (0.72)	2.37 (0.67)	1.91 (0.54)	1.29 (0.37)
		-40	2.62 (0.75)	2.51 (0.71)	2.32 (0.66)	1.82 (0.52)	1.16 (0.33)
		-50	2.64 (0.75)	2.51 (0.71)	2.29 (0.65)	1.75 (0.50)	1.05 (0.30)
		-60	2.71 (0.77)	2.55 (0.73)	2.31 (0.66)	1.71 (0.49)	0.94 (0.27)
	2345BU	10	2.90 (0.82)	2.73 (0.78)	2.46 (0.70)	1.76 (0.50)	0.84 (0.24)
		5	2.56 (0.73)	3.24 (0.92)	3.41 (0.97)	3.16 (0.90)	2.49 (0.71)
		0	3.00 (0.85)	3.47 (0.99)	3.54 (1.01)	3.20 (0.91)	2.47 (0.70)
		5	3.32 (0.94)	3.64 (1.04)	3.63 (1.03)	3.21 (0.91)	2.43 (0.69)
		-5	3.55 (1.01)	3.76 (1.07)	3.69 (1.05)	3.20 (0.91)	2.38 (0.68)
		-10	3.72 (1.06)	3.84 (1.09)	3.72 (1.06)	3.17 (0.90)	2.32 (0.66)
		-20	3.92 (1.11)	3.91 (1.11)	3.71 (1.06)	3.07 (0.87)	2.16 (0.61)
		-30	4.01 (1.14)	3.91 (1.11)	3.66 (1.04)	2.94 (0.84)	1.99 (0.57)
		-40	4.04 (1.15)	3.88 (1.10)	3.58 (1.02)	2.81 (0.80)	1.80 (0.51)
		-50	4.07 (1.16)	3.87 (1.10)	3.54 (1.01)	2.69 (0.77)	1.61 (0.46)
	2348BU	10	4.18 (1.19)	3.94 (1.12)	3.57 (1.02)	2.64 (0.75)	1.45 (0.41)
		5	4.19 (1.19)	4.22 (1.20)	3.80 (1.08)	2.72 (0.77)	1.30 (0.37)
		0	3.41 (0.97)	4.32 (1.23)	4.55 (1.29)	4.22 (1.20)	3.32 (0.94)
		5	4.00 (1.14)	4.63 (1.32)	4.72 (1.34)	4.26 (1.21)	3.30 (0.94)
		0	4.43 (1.26)	4.86 (1.38)	4.84 (1.38)	4.28 (1.22)	3.25 (0.92)
		-5	4.73 (1.35)	5.01 (1.42)	4.92 (1.40)	4.26 (1.21)	3.18 (0.90)
		-10	4.96 (1.41)	5.11 (1.45)	4.96 (1.41)	4.23 (1.20)	3.09 (0.88)
		-20	5.23 (1.49)	5.21 (1.48)	4.95 (1.41)	4.09 (1.16)	2.88 (0.82)
		-30	5.35 (1.52)	5.22 (1.48)	4.88 (1.39)	3.93 (1.12)	2.65 (0.75)
		-40	5.39 (1.53)	5.18 (1.47)	4.78 (1.36)	3.74 (1.06)	2.40 (0.68)
	2341BU	5	5.43 (1.54)	5.16 (1.47)	4.72 (1.34)	3.59 (1.02)	2.15 (0.61)
		0	5.57 (1.58)	5.25 (1.49)	4.76 (1.35)	3.52 (1.00)	1.93 (0.55)
		-5	5.98 (1.70)	5.63 (1.60)	5.07 (1.44)	3.63 (1.03)	1.73 (0.49)
		10	6.10 (1.73)	7.72 (2.20)	8.12 (2.31)	7.54 (2.14)	5.94 (1.69)
		5	7.15 (2.03)	8.26 (2.35)	8.44 (2.40)	7.62 (2.17)	5.89 (1.68)
		0	7.91 (2.25)	8.66 (2.46)	8.65 (2.46)	7.64 (2.17)	5.80 (1.65)
		-5	8.46 (2.41)	8.95 (2.55)	8.79 (2.50)	7.62 (2.17)	5.68 (1.62)
		-10	8.86 (2.52)	9.14 (2.60)	8.86 (2.52)	7.55 (2.15)	5.53 (1.57)
		-20	9.34 (2.66)	9.31 (2.65)	8.85 (2.52)	7.31 (2.08)	5.15 (1.46)
		-30	9.55 (2.72)	9.32 (2.65)	8.72 (2.48)	7.02 (2.00)	4.74 (1.35)
	2342BU	5	9.63 (2.74)	9.25 (2.63)	8.54 (2.43)	6.69 (1.90)	4.28 (1.22)
		0	9.71 (2.76)	9.22 (2.62)	8.43 (2.40)	6.42 (1.83)	3.85 (1.09)
		-5	9.95 (2.83)	9.39 (2.67)	8.51 (2.42)	6.30 (1.79)	3.45 (0.98)
		-10	10.7 (3.04)	10.1 (2.87)	9.05 (2.57)	6.48 (1.84)	3.09 (0.88)
		10	10.3 (2.93)	13.0 (3.70)	13.7 (3.90)	12.7 (3.61)	10.0 (2.84)
		5	12.0 (3.41)	13.9 (3.95)	14.2 (4.04)	12.8 (3.64)	9.91 (2.82)
		0	13.3 (3.78)	14.6 (4.15)	14.6 (4.15)	12.9 (3.67)	9.76 (2.78)
		-5	14.2 (4.04)	15.1 (4.29)	14.8 (4.21)	12.8 (3.64)	9.56 (2.72)
		-10	14.9 (4.24)	15.4 (4.38)	14.9 (4.24)	12.7 (3.61)	9.31 (2.65)
		-20	15.7 (4.46)	15.7 (4.46)	14.9 (4.24)	12.3 (3.50)	8.68 (2.47)
	2344BU 3454BU 4564BU	-30	16.1 (4.58)	15.7 (4.46)	14.7 (4.18)	11.8 (3.36)	7.97 (2.27)
		-40	16.2 (4.61)	15.6 (4.44)	14.4 (4.10)	11.3 (3.21)	7.21 (2.05)
		-50	16.3 (4.64)	15.5 (4.41)	14.2 (4.04)	10.8 (3.07)	6.48 (1.84)
		-60	16.8 (4.78)	15.8 (4.49)	14.3 (4.07)	10.6 (3.01)	5.81 (1.65)
		-70	18.0 (5.12)	16.9 (4.81)	15.2 (4.32)	10.9 (3.10)	5.21 (1.48)
		10	14.6 (4.15)	18.5 (5.26)	19.5 (5.55)	18.1 (5.15)	14.3 (4.07)
		5	17.2 (4.89)	19.8 (5.63)	20.3 (5.77)	18.3 (5.20)	14.1 (4.01)
		0	19.0 (5.40)	20.8 (5.92)	20.8 (5.92)	18.3 (5.20)	13.9 (3.95)
		-5	20.3 (5.77)	21.5 (6.11)	21.1 (6.00)	18.3 (5.20)	13.6 (3.87)
		-10	21.3 (6.06)	21.9 (6.23)	21.3 (6.06)	18.1 (5.15)	13.3 (3.78)
	4566BU	-20	22.4 (6.37)	22.4 (6.37)	21.2 (6.03)	17.6 (5.01)	12.4 (3.53)
		-30	22.9 (6.51)	22.4 (6.37)	20.9 (5.94)	16.8 (4.78)	11.4 (3.24)
		-40	23.1 (6.57)	22.2 (6.31)	20.5 (5.83)	16.1 (4.58)	10.3 (2.93)
		-50	23.3 (6.63)	22.1 (6.29)	20.2 (5.74)	15.4 (4.38)	9.23 (2.62)
		-60	23.9 (6.80)	22.5 (6.40)	20.4 (5.80)	15.1 (4.29)	8.30 (2.36)
		-70	25.6 (7.28)	24.1 (6.85)	21.7 (6.17)	15.6 (4.44)	7.43 (2.11)
		10	20.5 (5.83)	25.9 (7.37)	27.3 (7.76)	25.3 (7.20)	19.9 (5.66)
		5	24.0 (6.83)	27.7 (7.88)	28.3 (8.05)	25.6 (7.28)	19.8 (5.63)
		0	26.5 (7.54)	29.1 (8.28)	29.0 (8.25)	25.6 (7.28)	19.5 (5.55)
		-5	28.4 (8.08)	30.0 (8.53)	29.5 (8.39)	25.6 (7.28)	19.1 (5.43)
	4568BU	-10	29.7 (8.45)	30.7 (8.73)	29.7 (8.45)	25.3 (7.20)	18.6 (5.29)
		-20	31.3 (8.90)	31.2 (8.87)	29.7 (8.45)	24.5 (6.97)	17.3 (4.92)
		-30	32.1 (9.13)	31.3 (8.90)	29.3 (8.33)	23.5 (6.68)	15.9 (4.52)
		-40	32.3 (9.19)	31.0 (8.82)	28.7 (8.16)	22.4 (6.37)	14.4 (4.10)
		-50	32.6 (9.27)	30.9 (8.79)	28.3 (8.05)	21.5 (6.11)	12.9 (3.67)
		-60	33.4 (9.50)	31.5 (8.96)	28.5 (8.11)	21.1 (6.00)	11.0 (3.13)
		-70	35.9 (10.2)	33.7 (9.58)	30.4 (8.65)	21.8 (6.20)	10.4 (2.96)

R404A
<<-30~10℃>>

型号		蒸发温度 (℃)	公称能力 (kW) (美国冷冻吨)				
型式	编号		冷凝温度 (℃)				
			20	30	38	50	60
HEX-	2006EX	10	45.8 {13.0}	58.0 {16.5}	61.1 {17.4}	56.6 {16.1}	44.6 {12.7}
		5	53.8 {15.3}	62.1 {17.7}	63.4 {18.0}	57.3 {16.3}	44.3 {12.6}
		0	59.5 {16.9}	65.1 {18.5}	65.1 {18.5}	57.4 {16.3}	43.6 {12.4}
		-5	63.6 {18.1}	67.2 {19.1}	66.1 {18.8}	57.3 {16.3}	42.7 {12.1}
		-10	66.6 {18.9}	68.7 {19.5}	66.6 {18.9}	56.7 {16.1}	41.6 {11.8}
		-20	70.2 {20.0}	70.0 {19.9}	66.5 {18.9}	55.0 {15.6}	38.7 {11.0}
		-30	71.8 {20.4}	70.0 {19.9}	65.5 {18.6}	52.7 {15.0}	35.6 {10.1}
	3010EX	10	71.7 {20.4}	90.7 {25.8}	95.5 {27.2}	88.6 {25.2}	69.8 {19.9}
		5	84.1 {23.9}	97.1 {27.6}	99.2 {28.2}	89.5 {25.5}	69.2 {19.7}
		0	92.9 {26.4}	102 {29.0}	102 {29.0}	89.8 {25.5}	68.2 {19.4}
		-5	99.4 {28.3}	105 {29.9}	103 {29.3}	89.5 {25.5}	66.7 {19.0}
		-10	104 {29.6}	107 {30.4}	104 {29.6}	88.7 {25.2}	65.0 {18.5}
		-20	110 {31.3}	109 {31.0}	104 {29.6}	86.0 {24.5}	60.6 {17.2}
		-30	112 {31.9}	110 {31.3}	102 {29.0}	82.4 {23.4}	55.7 {15.8}
	5012EX	10	108 {30.7}	136 {38.7}	144 {41.0}	133 {37.8}	105 {29.9}
		5	126 {35.8}	146 {41.5}	149 {42.4}	135 {38.4}	104 {29.6}
		0	140 {39.8}	153 {43.5}	153 {43.5}	135 {38.4}	103 {29.3}
		-5	150 {42.7}	158 {44.9}	155 {44.1}	135 {38.4}	100 {28.4}
		-10	157 {44.7}	162 {46.1}	157 {44.7}	133 {37.8}	97.7 {27.8}
		-20	165 {46.9}	165 {46.9}	156 {44.4}	129 {36.7}	91.1 {25.9}
		-30	169 {48.1}	165 {46.9}	154 {43.8}	124 {35.3}	83.7 {23.8}
	7514EX	10	164 {46.6}	208 {59.2}	218 {62.0}	203 {57.7}	160 {45.5}
		5	192 {54.6}	222 {63.1}	227 {64.6}	205 {58.3}	158 {44.9}
		0	213 {60.6}	233 {66.3}	233 {66.3}	205 {58.3}	156 {44.4}
		-5	227 {64.6}	241 {68.5}	236 {67.1}	205 {58.3}	153 {43.5}
		-10	238 {67.7}	246 {70.0}	238 {67.7}	203 {57.7}	149 {42.4}
		-20	251 {71.4}	250 {71.1}	238 {67.7}	197 {56.0}	139 {39.5}
		-30	257 {73.1}	251 {71.4}	234 {66.6}	189 {53.8}	127 {36.1}
	10020EX	10	236 {67.1}	299 {85.0}	315 {89.6}	292 {83.0}	230 {65.4}
		5	277 {78.8}	320 {91.0}	327 {93.0}	295 {83.9}	228 {64.8}
0		306 {87.0}	336 {95.6}	335 {95.3}	296 {84.2}	225 {64.0}	
-5		328 {93.3}	347 {98.7}	341 {97.0}	295 {83.9}	220 {62.6}	
-10		343 {97.6}	354 {101}	343 {97.6}	293 {83.3}	214 {60.9}	
-20		362 {103}	361 {103}	343 {97.6}	283 {80.5}	200 {56.9}	
-30		370 {105}	361 {103}	338 {96.1}	272 {77.4}	184 {52.3}	

R407C
 <<-40~10℃>>

型号		蒸发温度 (℃)	公称能力 (kW) (美国冷冻吨)				
型式	编号		冷凝温度 (℃)				
			20	30	38	50	60
HEX-	2333BP	10	1.15 {0.33}	1.50 {0.43}	1.64 {0.47}	1.69 {0.48}	1.65 {0.47}
		5	1.33 {0.38}	1.60 {0.46}	1.71 {0.49}	1.76 {0.50}	1.64 {0.47}
		0	1.47 {0.42}	1.71 {0.49}	1.78 {0.51}	1.78 {0.51}	1.67 {0.47}
		-5	1.59 {0.45}	1.73 {0.49}	1.81 {0.51}	1.77 {0.50}	1.66 {0.47}
		-10	1.69 {0.48}	1.80 {0.51}	1.83 {0.52}	1.80 {0.51}	1.68 {0.48}
		-20	1.79 {0.51}	1.86 {0.53}	1.89 {0.54}	1.82 {0.52}	1.66 {0.47}
		-30	1.86 {0.53}	1.93 {0.55}	1.89 {0.54}	1.84 {0.52}	1.68 {0.48}
	-40	1.94 {0.55}	1.97 {0.56}	1.93 {0.55}	1.87 {0.53}	1.70 {0.48}	
	2335BP 2345BP	10	2.14 {0.61}	2.84 {0.81}	3.12 {0.89}	3.25 {0.92}	3.14 {0.89}
		5	2.51 {0.71}	3.05 {0.87}	3.25 {0.92}	3.31 {0.94}	3.16 {0.90}
		0	2.80 {0.80}	3.19 {0.91}	3.35 {0.95}	3.36 {0.96}	3.17 {0.90}
		-5	3.02 {0.86}	3.33 {0.95}	3.44 {0.98}	3.42 {0.97}	3.19 {0.91}
		-10	3.20 {0.91}	3.43 {0.98}	3.50 {1.00}	3.43 {0.98}	3.18 {0.90}
		-20	3.40 {0.97}	3.55 {1.01}	3.59 {1.02}	3.44 {0.98}	3.15 {0.90}
		-30	3.54 {1.01}	3.65 {1.04}	3.64 {1.04}	3.51 {1.00}	3.21 {0.91}
	-40	3.66 {1.04}	3.73 {1.06}	3.68 {1.05}	3.55 {1.01}	3.23 {0.92}	
	2348BP	10	3.17 {0.90}	4.15 {1.18}	4.59 {1.31}	4.77 {1.36}	4.59 {1.31}
		5	3.73 {1.06}	4.47 {1.27}	4.79 {1.36}	4.89 {1.39}	4.63 {1.32}
		0	4.13 {1.17}	4.72 {1.34}	4.95 {1.41}	4.97 {1.41}	4.68 {1.33}
		-5	4.46 {1.27}	4.92 {1.40}	5.07 {1.44}	5.01 {1.42}	4.69 {1.33}
		-10	4.71 {1.34}	5.05 {1.44}	5.16 {1.47}	5.03 {1.43}	4.69 {1.33}
		-20	5.01 {1.42}	5.24 {1.49}	5.27 {1.50}	5.06 {1.44}	4.65 {1.32}
		-30	5.22 {1.48}	5.37 {1.53}	5.36 {1.52}	5.17 {1.47}	4.73 {1.35}
	-40	5.37 {1.53}	5.52 {1.57}	5.44 {1.55}	5.23 {1.49}	4.76 {1.35}	
	2341BP	10	4.31 {1.23}	5.64 {1.60}	6.23 {1.77}	6.49 {1.85}	6.25 {1.78}
		5	5.06 {1.44}	6.07 {1.73}	6.50 {1.85}	6.64 {1.89}	6.31 {1.79}
		0	5.61 {1.60}	6.42 {1.83}	6.73 {1.91}	6.72 {1.91}	6.35 {1.81}
		-5	6.05 {1.72}	6.66 {1.89}	6.88 {1.96}	6.79 {1.93}	6.35 {1.81}
		-10	6.36 {1.81}	6.85 {1.95}	7.00 {1.99}	6.83 {1.94}	6.35 {1.81}
		-20	6.80 {1.93}	7.10 {2.02}	7.16 {2.04}	6.88 {1.96}	6.28 {1.79}
		-30	7.08 {2.01}	7.29 {2.07}	7.25 {2.06}	7.01 {1.99}	6.41 {1.82}
	-40	7.31 {2.08}	7.45 {2.12}	7.40 {2.10}	7.10 {2.02}	6.46 {1.84}	
	2342BP	10	8.36 {2.38}	11.1 {3.16}	12.1 {3.44}	12.7 {3.61}	12.2 {3.47}
		5	9.86 {2.80}	11.9 {3.38}	12.7 {3.61}	12.9 {3.67}	12.3 {3.50}
		0	11.0 {3.13}	12.6 {3.58}	13.1 {3.73}	13.1 {3.73}	12.4 {3.53}
		-5	11.7 {3.33}	12.9 {3.67}	13.4 {3.81}	13.3 {3.78}	12.4 {3.53}
		-10	12.4 {3.53}	13.4 {3.81}	13.7 {3.90}	13.3 {3.78}	12.4 {3.53}
		-20	13.2 {3.75}	13.9 {3.95}	13.9 {3.95}	13.3 {3.90}	12.3 {3.50}
		-30	13.8 {3.92}	14.2 {4.04}	14.1 {4.01}	13.7 {3.90}	12.5 {3.55}
	-40	14.2 {4.04}	14.6 {4.15}	14.5 {4.12}	13.8 {3.92}	12.6 {3.58}	
	2344BP 3454BP 4564BP	10	13.5 {3.84}	17.8 {5.06}	19.7 {5.60}	20.4 {5.80}	19.7 {5.60}
		5	16.0 {4.55}	19.1 {5.43}	20.5 {5.83}	20.9 {5.94}	19.9 {5.66}
		0	17.8 {5.06}	20.2 {5.74}	21.2 {6.03}	21.2 {6.03}	20.0 {5.69}
		-5	19.1 {5.43}	21.0 {5.97}	21.7 {6.17}	21.5 {6.11}	20.0 {5.69}
		-10	20.1 {5.72}	21.7 {6.17}	22.1 {6.29}	21.6 {6.14}	20.0 {5.69}
		-20	21.4 {6.09}	22.4 {6.37}	22.6 {6.43}	21.7 {6.17}	19.9 {5.66}
		-30	22.3 {6.34}	23.0 {6.54}	22.8 {6.48}	22.1 {6.29}	20.2 {5.74}
	-40	23.1 {6.57}	23.5 {6.68}	23.4 {6.65}	22.4 {6.37}	20.4 {5.80}	
4566BP	10	21.7 {6.17}	28.6 {8.13}	31.4 {8.93}	32.8 {9.33}	31.6 {8.99}	
	5	25.5 {7.25}	30.7 {8.73}	32.9 {9.36}	33.5 {9.53}	31.9 {9.07}	
	0	28.4 {8.08}	32.4 {9.21}	33.9 {9.64}	34.0 {9.67}	32.1 {9.13}	
	-5	30.5 {8.67}	33.6 {9.56}	34.8 {9.90}	34.4 {9.78}	32.1 {9.13}	
	-10	32.1 {9.13}	34.7 {9.87}	35.4 {10.1}	34.6 {9.84}	32.0 {9.10}	
	-20	34.3 {9.75}	35.9 {10.2}	36.2 {10.3}	34.7 {9.87}	31.8 {9.04}	
	-30	35.7 {10.2}	36.8 {10.5}	36.7 {10.4}	35.4 {10.1}	32.4 {9.21}	
-40	36.9 {10.5}	37.6 {10.7}	37.5 {10.7}	35.9 {10.2}	32.6 {9.27}		
4568BP	10	29.0 {8.25}	38.2 {10.9}	41.8 {11.9}	43.8 {12.5}	42.3 {12.0}	
	5	34.1 {9.70}	41.0 {11.7}	43.8 {12.5}	44.7 {12.7}	42.7 {12.1}	
	0	38.0 {10.8}	43.4 {12.3}	45.5 {12.9}	45.5 {12.9}	42.8 {12.2}	
	-5	40.9 {11.6}	45.2 {12.9}	46.4 {13.2}	45.7 {13.0}	43.0 {12.2}	
	-10	43.0 {12.2}	46.5 {13.2}	47.4 {13.5}	46.2 {13.1}	42.7 {12.1}	
	-20	45.7 {13.0}	48.0 {13.7}	48.0 {13.7}	46.1 {13.1}	42.6 {12.1}	
	-30	47.7 {13.6}	49.3 {14.0}	49.0 {13.9}	47.3 {13.5}	43.3 {12.3}	
-40	49.3 {14.0}	50.4 {14.3}	49.8 {14.2}	47.9 {13.6}	43.6 {12.4}		

R407C
 <-30~10℃>

型号		蒸发温度 (℃)	公称能力 (kW) (美国冷冻吨)				
型式	编号		冷凝温度 (℃)				
			20	30	38	50	60
HEX-	2006EX	10	65.4 {18.6}	86.5 {24.6}	93.8 {26.7}	101 {28.7}	97.4 {27.7}
		5	77.1 {21.9}	93.2 {26.5}	98.3 {28.0}	103 {29.3}	98.5 {28.0}
		0	85.8 {24.4}	98.4 {28.0}	102 {29.0}	105 {29.9}	99.2 {28.2}
		-5	92.3 {26.3}	102 {29.0}	104 {29.6}	106 {30.2}	100 {28.4}
		-10	97.3 {27.7}	106 {30.2}	106 {30.2}	107 {30.4}	100 {28.4}
		-20	104 {29.6}	110 {31.3}	109 {31.0}	108 {30.7}	99.3 {28.2}
		-30	109 {31.0}	113 {32.1}	111 {31.6}	108 {30.7}	99.1 {28.2}
	3010EX	10	102 {29.0}	135 {38.4}	147 {41.8}	157 {44.7}	152 {43.2}
		5	121 {34.4}	146 {41.5}	154 {43.8}	161 {45.8}	154 {43.8}
		0	134 {38.1}	154 {43.8}	159 {45.2}	164 {46.6}	155 {44.1}
		-5	144 {41.0}	160 {45.5}	163 {46.4}	166 {47.2}	156 {44.4}
		-10	152 {43.2}	165 {46.9}	166 {47.2}	167 {47.5}	156 {44.4}
		-20	163 {46.4}	172 {48.9}	170 {48.4}	168 {47.8}	155 {44.1}
		-30	170 {48.4}	176 {50.1}	173 {49.2}	169 {48.1}	155 {44.1}
	5012EX	10	154 {43.8}	203 {57.7}	221 {62.9}	237 {67.4}	229 {65.1}
		5	181 {51.5}	219 {62.3}	231 {65.7}	242 {68.8}	232 {66.0}
		0	202 {57.5}	232 {66.0}	239 {68.0}	246 {70.0}	233 {66.3}
		-5	217 {61.7}	241 {68.5}	245 {69.7}	249 {70.8}	234 {66.6}
		-10	229 {65.1}	248 {70.5}	250 {71.1}	251 {71.4}	234 {66.6}
		-20	245 {69.7}	258 {73.4}	256 {72.8}	253 {72.0}	234 {66.6}
		-30	256 {72.8}	265 {75.4}	261 {74.2}	255 {72.5}	233 {66.3}
	7514EX	10	234 {66.6}	309 {87.9}	336 {95.6}	360 {102}	348 {99.0}
		5	276 {78.5}	333 {94.7}	352 {100}	368 {105}	352 {100}
		0	307 {87.3}	352 {100}	364 {104}	375 {107}	355 {101}
		-5	330 {93.9}	366 {104}	373 {106}	379 {108}	356 {101}
		-10	348 {99.0}	377 {107}	380 {108}	382 {109}	357 {102}
		-20	373 {106}	393 {112}	390 {111}	385 {109}	355 {101}
		-30	389 {111}	403 {115}	396 {113}	388 {110}	355 {101}
	10020EX	10	337 {95.8}	446 {127}	484 {138}	519 {148}	502 {143}
		5	398 {113}	481 {137}	507 {144}	531 {151}	508 {144}
0		442 {126}	507 {144}	524 {149}	540 {154}	512 {146}	
-5		476 {135}	528 {150}	538 {153}	546 {155}	513 {146}	
-10		501 {142}	544 {155}	548 {156}	551 {157}	514 {146}	
-20		537 {153}	566 {161}	561 {160}	555 {158}	512 {146}	
-30		560 {159}	581 {165}	571 {162}	559 {159}	511 {145}	