能力表

液体管道能力

CT. 38℃ / ET. 5℃ / SC. 0K

型号	冷冻能力（kw）{美国冷冻吨}															
	R134a								R404A							
	压力差(MPa)															
	0.01		0.015		0.02		0.04		0.01		0.015		0.02		0.04	
UEV-1004BX	24	{6.9}	30	{8.4}	34	{9.7}	48	{14}	17	{4.8}	21	{5.8}	24	{6.8}	34	{9.6}
UEV-1205BX	42	{12}	52	{15}	60	{17}	85	{24}	29	{8.4}	36	{10}	42	{12}	59	{17}
UEV-1506BX	64	{18}	78	{22}	91	{26}	128	{36}	45	{13}	55	{16}	63	{18}	89	{25}
UEV-1003GX	24	{6.9}	30	{8.4}	34	{9.7}	48	{14}	17	{4.8}	21	{5.8}	24	{6.8}	34	{9.6}
UEV-1204GX	42	{12}	52	{15}	60	{17}	85	{24}	29	{8.4}	36	{10}	42	{12}	59	{17}
UEV-1506GX	64	{18}	78	{22}	91	{26}	128	{36}	45	{13}	55	{16}	63	{18}	89	{25}
UEV-2010GX	109	{31}	133	{38}	154	{44}	218	{62}	76	{21}	93	{26}	107	{30}	151	{43}
UEV-1004DX	24	{6.9}	30	{8.4}	34	{10}	48	{14}	17	{4.8}	21	{5.8}	24	{6.8}	34	{9.6}
UEV-1205DX	42	{12}	52	{15}	60	{17}	85	{24}	29	{8.4}	36	{10}	42	{12}	59	{17}
UEV-1506DX	64	{18}	78	{22}	91	{26}	128	{36}	45	{13}	55	{16}	63	{18}	89	{25}
UEV-2007DX	109	{31}	133	{38}	154	{44}	218	{62}	76	{21}	93	{26}	107	{30}	151	{43}
UEV-2010DX	109	{31}	133	{38}	154	{44}	218	{62}	76	{21}	93	{26}	107	{30}	151	{43}
UEV-2011DX	109	{31}	133	{38}	154	{44}	218	{62}	76	{21}	93	{26}	107	{30}	151	{43}

*以冷凝温度38℃,蒸发温度5℃,过冷却度0℃　如果条件变化，请乘上辅助系数表上的系数

蒸发温度辅助系数表

蒸发温度 (℃)	系数	
	R134a	R404A
5	1	1
0	0.98	0.98
-10	0.94	0.93
-20	0.90	0.88
-30	0.85	0.83
-40	0.81	0.78

过冷度辅助系数表

过冷度 (K)	系数	
	R134a	R404A
0	1	1
10	1.12	1.17
20	1.23	1.34
30	1.35	1.51
40	1.46	1.67
50	1.58	1.83

吸入气体管道能力

CT. 38℃, 阀入口过热度 0K

型号	阀前后的压力差(MPa)	冷冻能力（kw）{美国冷冻吨} R134a 蒸发温度 (℃)											
		5		0		-10		-20		-30		-40	
UEV-1004BX	0.01	2.7	{0.78}	2.5	{0.71}	2.0	{0.57}	1.6	{0.45}	1.2	{0.34}	0.90	{0.25}
	0.015	3.4	{0.95}	3.0	{0.86}	2.4	{0.69}	1.9	{0.54}	1.5	{0.41}	1.1	{0.30}
	0.02	3.9	{1.1}	3.5	{0.99}	2.8	{0.79}	2.2	{0.62}	1.7	{0.47}	1.2	{0.34}
	0.04	5.4	{1.5}	4.8	{1.4}	3.8	{1.1}	3.0	{0.84}	2.2	{0.62}	1.5	{0.42}
UEV-1205BX	0.01	4.8	{1.4}	4.3	{1.2}	3.5	{0.99}	2.8	{0.78}	2.1	{0.60}	1.6	{0.45}
	0.015	5.9	{1.7}	5.3	{1.5}	4.3	{1.2}	3.3	{0.95}	2.5	{0.72}	1.9	{0.53}
	0.02	6.8	{1.9}	6.1	{1.7}	4.9	{1.4}	3.8	{1.1}	2.9	{0.82}	2.1	{0.60}
	0.04	9.4	{2.7}	8.5	{2.4}	6.7	{1.9}	5.2	{1.5}	3.8	{1.1}	2.6	{0.73}
UEV-1506BX	0.01	7.3	{2.1}	6.6	{1.9}	5.3	{1.5}	4.2	{1.2}	3.2	{0.91}	2.4	{0.67}
	0.015	8.9	{2.5}	8.0	{2.3}	6.4	{1.8}	5.1	{1.4}	3.9	{1.1}	2.8	{0.80}
	0.02	10	{2.9}	9.2	{2.6}	7.4	{2.1}	5.8	{1.6}	4.4	{1.2}	3.2	{0.90}
	0.04	14	{4.1}	13	{3.6}	10	{2.9}	7.8	{2.2}	5.8	{1.6}	3.9	{1.1}
UEV-1003GX	0.01	2.7	{0.8}	2.5	{0.71}	2.0	{0.57}	1.6	{0.45}	1.2	{0.34}	0.90	{0.25}
	0.015	3.4	{1.0}	3.0	{0.86}	2.4	{0.69}	1.9	{0.54}	1.5	{0.41}	1.1	{0.30}
	0.02	3.9	{1.1}	3.5	{0.99}	2.8	{0.79}	2.2	{0.62}	1.7	{0.47}	1.2	{0.34}
	0.04	5.4	{1.5}	4.8	{1.4}	3.8	{1.1}	3.0	{0.84}	2.2	{0.62}	1.5	{0.42}
UEV-1204GX	0.01	4.8	{1.4}	4.3	{1.2}	3.5	{0.99}	2.8	{0.78}	2.1	{0.60}	1.6	{0.45}
	0.015	5.9	{1.7}	5.3	{1.5}	4.3	{1.2}	3.3	{0.95}	2.5	{0.72}	1.9	{0.53}
	0.02	6.8	{1.9}	6.1	{1.7}	4.9	{1.4}	3.8	{1.1}	2.9	{0.82}	2.1	{0.60}
	0.04	9.4	{2.7}	8.5	{2.4}	6.7	{1.9}	5.2	{1.5}	3.8	{1.1}	2.6	{0.73}
UEV-1506GX	0.01	7.3	{2.1}	6.6	{1.9}	5.3	{1.5}	4.2	{1.2}	3.2	{0.91}	2.4	{0.67}
	0.015	8.9	{2.5}	8.0	{2.3}	6.4	{1.8}	5.1	{1.4}	3.9	{1.1}	2.8	{0.80}
	0.02	10	{2.9}	9.2	{2.6}	7.4	{2.1}	5.8	{1.6}	4.4	{1.2}	3.2	{0.90}
	0.04	14	{4.1}	13	{3.6}	10	{2.9}	7.8	{2.2}	5.8	{1.6}	3.9	{1.1}
UEV-2010GX	0.01	12	{3.5}	11	{3.2}	9.0	{2.6}	7.1	{2.0}	5.4	{1.5}	4.0	{1.1}
	0.015	15	{4.3}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.9}	4.8	{1.4}
	0.02	17	{4.9}	16	{4.5}	13	{3.6}	9.8	{2.8}	7.4	{2.1}	5.4	{1.5}
	0.04	24	{6.9}	22	{6.2}	17	{4.9}	13	{3.8}	9.8	{2.8}	6.6	{1.9}
UEV-1004DX	0.01	2.7	{0.78}	2.5	{0.71}	2.0	{0.57}	1.6	{0.45}	1.2	{0.34}	0.90	{0.25}
	0.015	3.4	{0.95}	3.0	{0.86}	2.4	{0.69}	1.9	{0.54}	1.5	{0.41}	1.1	{0.30}
	0.02	3.9	{1.1}	3.5	{0.99}	2.8	{0.79}	2.2	{0.62}	1.7	{0.47}	1.2	{0.34}
	0.04	5.4	{1.5}	4.8	{1.4}	3.8	{1.1}	3.0	{0.84}	2.2	{0.62}	1.5	{0.42}
UEV-1205DX	0.01	4.8	{1.4}	4.3	{1.2}	3.5	{0.99}	2.8	{0.78}	2.1	{0.60}	1.6	{0.45}
	0.015	5.9	{1.7}	5.3	{1.5}	4.3	{1.2}	3.3	{0.95}	2.5	{0.72}	1.9	{0.53}
	0.02	6.8	{1.9}	6.1	{1.7}	4.9	{1.4}	3.8	{1.1}	2.9	{0.82}	2.1	{0.60}
	0.04	9.4	{2.7}	8.5	{2.4}	6.7	{1.9}	5.2	{1.5}	3.8	{1.1}	2.6	{0.73}
UEV-1506DX	0.01	7.3	{2.1}	6.6	{1.9}	5.3	{1.5}	4.2	{1.2}	3.2	{0.91}	2.4	{0.67}
	0.015	8.9	{2.5}	8.0	{2.3}	6.4	{1.8}	5.1	{1.4}	3.9	{1.1}	2.8	{0.80}
	0.02	10	{2.9}	9.2	{2.6}	7.4	{2.1}	5.8	{1.6}	4.4	{1.2}	3.2	{0.90}
	0.04	14	{4.1}	13	{3.6}	10	{2.9}	7.8	{2.2}	5.8	{1.6}	3.9	{1.1}
UEV-2007DX	0.01	12	{3.5}	11	{3.2}	9.0	{2.6}	7.1	{2.0}	5.4	{1.5}	4.0	{1.1}
	0.015	15	{4.3}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.9}	4.8	{1.4}
	0.02	17	{4.9}	16	{4.5}	13	{3.6}	9.8	{2.8}	7.4	{2.1}	5.4	{1.5}
	0.04	24	{6.9}	22	{6.2}	17	{4.9}	13	{3.8}	9.8	{2.8}	6.6	{1.9}
UEV-2010DX	0.01	12	{3.5}	11	{3.2}	9.0	{2.6}	7.1	{2.0}	5.4	{1.5}	4.0	{1.1}
	0.015	15	{4.3}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.9}	4.8	{1.4}
	0.02	17	{4.9}	16	{4.5}	13	{3.6}	9.8	{2.8}	7.4	{2.1}	5.4	{1.5}
	0.04	24	{6.9}	22	{6.2}	17	{4.9}	13	{3.8}	9.8	{2.8}	6.6	{1.9}
UEV-2011DX	0.01	12	{3.5}	11	{3.2}	9.0	{2.6}	7.1	{2.0}	5.4	{1.5}	4.0	{1.1}
	0.015	15	{4.3}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.9}	4.8	{1.4}
	0.02	17	{4.9}	16	{4.5}	13	{3.6}	9.8	{2.8}	7.4	{2.1}	5.4	{1.5}
	0.04	24	{6.9}	22	{6.2}	17	{4.9}	13	{3.8}	9.8	{2.8}	6.6	{1.9}

吸入气体管道能力

CT. 38℃, 阀入口过热度 0K

型号	阀前后的压力差 (MPa)	冷冻能力（kw）{美国冷冻吨} R404A 蒸发温度 (℃)											
		5		0		-10		-20		-30		-40	
UEV-1004BX	0.01	2.9	{0.82}	2.6	{0.75}	2.2	{0.61}	1.7	{0.49}	1.4	{0.39}	1.0	{0.30}
	0.015	3.5	{1.0}	3.2	{0.91}	2.6	{0.75}	2.1	{0.60}	1.7	{0.47}	1.3	{0.36}
	0.02	4.1	{1.2}	3.7	{1.1}	3.0	{0.86}	2.4	{0.69}	1.9	{0.54}	1.4	{0.41}
	0.04	5.7	{1.6}	5.2	{1.5}	4.2	{1.2}	3.4	{0.96}	2.6	{0.75}	2.0	{0.56}
UEV-1205BX	0.01	5.0	{1.4}	4.6	{1.3}	3.8	{1.1}	3.0	{0.86}	2.4	{0.68}	1.8	{0.52}
	0.015	6.2	{1.8}	5.6	{1.6}	4.6	{1.3}	3.7	{1.1}	2.9	{0.83}	2.2	{0.63}
	0.02	7.1	{2.0}	6.5	{1.8}	5.3	{1.5}	4.3	{1.2}	3.3	{0.95}	2.5	{0.72}
	0.04	10	{2.8}	9.1	{2.6}	7.4	{2.1}	5.9	{1.7}	4.6	{1.3}	3.4	{0.97}
UEV-1506BX	0.01	7.6	{2.2}	7.0	{2.0}	5.7	{1.6}	4.6	{1.3}	3.6	{1.0}	2.8	{0.79}
	0.015	9.3	{2.7}	8.5	{2.4}	7.0	{2.0}	5.6	{1.6}	4.4	{1.3}	3.3	{0.95}
	0.02	11	{3.1}	9.8	{2.8}	8.0	{2.3}	6.4	{1.8}	5.0	{1.4}	3.8	{1.1}
	0.04	15	{4.3}	14	{3.9}	11	{3.2}	9.0	{2.5}	6.9	{2.0}	5.2	{1.5}
UEV-1003GX	0.01	2.9	{0.82}	2.6	{0.75}	2.2	{0.61}	1.7	{0.49}	1.4	{0.39}	1.0	{0.30}
	0.015	3.5	{1.0}	3.2	{0.91}	2.6	{0.75}	2.1	{0.60}	1.7	{0.47}	1.3	{0.36}
	0.02	4.1	{1.2}	3.7	{1.1}	3.0	{0.86}	2.4	{0.69}	1.9	{0.54}	1.4	{0.41}
	0.04	5.7	{1.6}	5.2	{1.5}	4.2	{1.2}	3.4	{0.96}	2.6	{0.75}	2.0	{0.56}
UEV-1204GX	0.01	5.0	{1.4}	4.6	{1.3}	3.8	{1.1}	3.0	{0.86}	2.4	{0.68}	1.8	{0.52}
	0.015	6.2	{1.8}	5.6	{1.6}	4.6	{1.3}	3.7	{1.1}	2.9	{0.83}	2.2	{0.63}
	0.02	7.1	{2.0}	6.5	{1.8}	5.3	{1.5}	4.3	{1.2}	3.3	{0.95}	2.5	{0.72}
	0.04	10	{2.8}	9.1	{2.6}	7.4	{2.1}	5.9	{1.7}	4.6	{1.3}	3.4	{0.97}
UEV-1506GX	0.01	7.6	{2.2}	7.0	{2.0}	5.7	{1.6}	4.6	{1.3}	3.6	{1.0}	2.8	{0.79}
	0.015	9.3	{2.7}	8.5	{2.4}	7.0	{2.0}	5.6	{1.6}	4.4	{1.3}	3.3	{1.0}
	0.02	11	{3.1}	9.8	{2.8}	8.0	{2.3}	6.4	{1.8}	5.0	{1.4}	3.8	{1.1}
	0.04	15	{4.3}	14	{3.9}	11	{3.2}	9.0	{2.5}	6.9	{2.0}	5.2	{1.5}
UEV-2010GX	0.01	13	{3.7}	12	{3.4}	10	{2.8}	7.8	{2.2}	6.1	{1.7}	4.7	{1.3}
	0.015	16	{4.5}	14	{4.1}	12	{3.4}	9.5	{2.7}	7.5	{2.1}	5.7	{1.6}
	0.02	18	{5.2}	17	{4.7}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.8}
	0.04	26	{7.3}	23	{6.6}	19	{5.4}	15	{4.3}	12	{3.4}	8.8	{2.5}
UEV-1004DX	0.01	2.9	{0.82}	2.6	{0.75}	2.2	{0.61}	1.7	{0.49}	1.4	{0.39}	1.0	{0.30}
	0.015	3.5	{1.0}	3.2	{0.91}	2.6	{0.75}	2.1	{0.60}	1.7	{0.47}	1.3	{0.36}
	0.02	4.1	{1.2}	3.7	{1.1}	3.0	{0.86}	2.4	{0.69}	1.9	{0.54}	1.4	{0.41}
	0.04	5.7	{1.6}	5.2	{1.5}	4.2	{1.2}	3.4	{0.96}	2.6	{0.75}	2.0	{0.56}
UEV-1205DX	0.01	5.0	{1.4}	4.6	{1.3}	3.8	{1.1}	3.0	{0.86}	2.4	{0.68}	1.8	{0.52}
	0.015	6.2	{1.8}	5.6	{1.6}	4.6	{1.3}	3.7	{1.1}	2.9	{0.83}	2.2	{0.63}
	0.02	7.1	{2.0}	6.5	{1.8}	5.3	{1.5}	4.3	{1.2}	3.3	{0.95}	2.5	{0.72}
	0.04	10	{2.8}	9.1	{2.6}	7.4	{2.1}	5.9	{1.7}	4.6	{1.3}	3.4	{0.97}
UEV-1506DX	0.01	7.6	{2.2}	7.0	{2.0}	5.7	{1.6}	4.6	{1.3}	3.6	{1.0}	2.8	{0.79}
	0.015	9.3	{2.7}	8.5	{2.4}	7.0	{2.0}	5.6	{1.6}	4.4	{1.3}	3.3	{0.95}
	0.02	11	{3.1}	9.8	{2.8}	8.0	{2.3}	6.4	{1.8}	5.0	{1.4}	3.8	{1.1}
	0.04	15	{4.3}	14	{3.9}	11	{3.2}	9.0	{2.5}	6.9	{2.0}	5.2	{1.5}
UEV-2007DX	0.01	13	{3.7}	12	{3.4}	9.7	{2.8}	7.8	{2.2}	6.1	{1.7}	4.7	{1.3}
	0.015	16	{4.5}	14	{4.1}	12	{3.4}	9.5	{2.7}	7.5	{2.1}	5.7	{1.6}
	0.02	18	{5.2}	17	{4.7}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.8}
	0.04	26	{7.3}	23	{6.6}	19	{5.4}	15	{4.3}	12	{3.4}	8.8	{2.5}
UEV-2010DX	0.01	13	{3.7}	12	{3.4}	9.7	{2.8}	7.8	{2.2}	6.1	{1.7}	4.7	{1.3}
	0.015	16	{4.5}	14	{4.1}	12	{3.4}	9.5	{2.7}	7.5	{2.1}	5.7	{1.6}
	0.02	18	{5.2}	17	{4.7}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.8}
	0.04	26	{7.3}	23	{6.6}	19	{5.4}	15	{4.3}	12	{3.4}	8.8	{2.5}
UEV-2011DX	0.01	13	{3.7}	12	{3.4}	9.7	{2.8}	7.8	{2.2}	6.1	{1.7}	4.7	{1.3}
	0.015	16	{4.5}	14	{4.1}	12	{3.4}	9.5	{2.7}	7.5	{2.1}	5.7	{1.6}
	0.02	18	{5.2}	17	{4.7}	14	{3.9}	11	{3.1}	8.6	{2.4}	6.5	{1.8}
	0.04	26	{7.3}	23	{6.6}	19	{5.4}	15	{4.3}	12	{3.4}	8.8	{2.5}

流量表

热气除霜管道　　CT. 38℃, 阀入口热气除霜温度 50℃

型号	热气流量（kg/h）							
	R134a				R404A			
	Pressure Drop（MPa）							
	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30
UEV-1004BX	29	40	48	65	38	53	64	89
UEV-1205BX	58	81	98	133	77	108	131	181
UEV-1506BX	92	128	154	209	120	169	206	284
UEV-1003GX	200	279	337	457	264	370	450	621
UEV-1204GX	332	463	559	757	437	613	745	1030
UEV-1506GX	515	718	868	1174	678	951	1156	1598
UEV-2010GX	29	40	48	65	38	53	64	89
UEV-1004DX	61	85	102	138	80	112	136	188
UEV-1205DX	95	133	160	217	125	175	213	295
UEV-1506DX	95	133	160	217	125	175	213	295
UEV-2007DX	229	319	386	522	301	423	514	710
UEV-2010DX	229	319	386	522	301	423	514	710
UEV-2011DX	400	559	675	913	527	740	899	1243