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} R410A 压力差(MPa)							
	0.01		0.015		0.02		0.04	
RPV-302BYF	0.93	{3.3}	1.1	{4.0}	1.3	{4.6}	1.9	{6.6}
RPV-303BYF	1.1	{3.7}	1.3	{4.5}	1.5	{5.1}	2.1	{7.3}
RPV-602BYF	2.1	{7.3}	2.5	{8.9}	2.9	{10}	4.1	{14}
RPV-603BYF	3.0	{10}	3.9	{14}	4.3	{15}	6.2	{22}
RPV-804BYF	4.7	{17}	6.0	{21}	6.9	{24}	9.8	{34}
RPV-1004BYF	8.4	{30}	10	{36}	12	{42}	16	{58}
RPV-1205BYF	13	{44}	15	{54}	18	{62}	25	{88}
RPV-1606BYF	19	{68}	24	{84}	28	{97}	39	{137}
RPV-302DYF	0.93	{3.3}	1.1	{4.0}	1.3	{4.6}	1.9	{6.6}
RPV-303DYF	1.1	{3.7}	1.3	{4.5}	1.5	{5.1}	2.1	{7.3}
RPV-602DYF	2.1	{7.3}	2.5	{8.9}	2.9	{10}	4.1	{14}
RPV-603DYF	3.2	{11}	3.8	{13}	4.4	{15}	6.1	{22}
RPV-804DYF	5.0	{17}	5.8	{21}	6.7	{24}	9.6	{34}
RPV-1004DYF	8.2	{29}	10	{36}	12	{41}	17	{59}
RPV-1205DYF	13	{44}	15	{53}	18	{62}	25	{87}
RPV-1606DYF	19	{68}	24	{83}	27	{97}	39	{137}
RPV-1607DYF	19	{68}	24	{83}	27	{97}	39	{137}

型号	冷冻能力（kw）{美国冷冻吨} R463A-J 压力差(MPa)							
	0.01		0.015		0.02		0.04	
RPV-302BYF	0.91	{3.2}	1.1	{3.9}	1.3	{4.5}	1.8	{6.4}
RPV-303BYF	1.0	{3.6}	1.3	{4.4}	1.4	{5.0}	2.0	{7.1}
RPV-602BYF	2.0	{7.1}	2.5	{8.7}	2.8	{10}	4.0	{14}
RPV-603BYF	2.9	{10}	3.8	{14}	4.2	{15}	6.1	{21}
RPV-804BYF	4.6	{16}	5.8	{20}	6.7	{24}	9.5	{33}
RPV-1004BYF	8.2	{29}	9.9	{35}	12	{41}	16	{56}
RPV-1205BYF	12	{43}	15	{52}	17	{60}	24	{86}
RPV-1606BYF	19	{67}	23	{82}	27	{95}	38	{133}
RPV-302DYF	0.91	{3.2}	1.1	{3.9}	1.3	{4.5}	1.8	{6.4}
RPV-303DYF	1.0	{3.6}	1.3	{4.4}	1.4	{5.0}	2.0	{7.1}
RPV-602DYF	2.0	{7.1}	2.5	{8.7}	2.8	{10}	4.0	{14}
RPV-603DYF	3.1	{11}	3.7	{13}	4.3	{15}	6.0	{21}
RPV-804DYF	4.8	{17}	5.7	{20}	6.5	{23}	9.4	{33}
RPV-1004DYF	8.0	{28}	10	{35}	11	{40}	16	{57}
RPV-1205DYF	12	{43}	15	{52}	17	{60}	24	{85}
RPV-1606DYF	19	{66}	23	{81}	27	{94}	38	{133}
RPV-1607DYF	19	{66}	23	{81}	27	{94}	38	{133}

*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	
	R410A	R463A-J
5	1	1
0	0.99	0.99
-10	0.97	0.96
-20	0.95	0.93
-30	0.92	0.90
-40	0.89	0.86

过冷度辅助系数表

过冷度 (K)	系数	
	R410A	R463A-J
0	1	1
10	1.14	1.14
20	1.27	1.28
30	1.41	1.41
40	1.53	1.54
50	1.66	1.67

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} R410A 蒸发温度 (℃)											
		5		0		-10		-20		-30		-40	
RPV-302BYF	0.01	0.56	{0.16}	0.51	{0.15}	0.43	{0.12}	0.36	{0.10}	0.29	{0.082}	0.23	{0.065}
	0.02	0.79	{0.22}	0.73	{0.21}	0.61	{0.17}	0.51	{0.15}	0.41	{0.12}	0.32	{0.091}
	0.04	1.1	{0.31}	1.0	{0.28}	0.86	{0.24}	0.71	{0.20}	0.57	{0.16}	0.44	{0.13}
RPV-303BYF	0.01	0.62	{0.18}	0.57	{0.16}	0.48	{0.14}	0.40	{0.11}	0.32	{0.09}	0.26	{0.07}
	0.02	0.87	{0.25}	0.81	{0.23}	0.68	{0.19}	0.56	{0.16}	0.45	{0.13}	0.36	{0.10}
	0.04	1.2	{0.34}	1.1	{0.31}	0.95	{0.27}	0.78	{0.22}	0.63	{0.18}	0.49	{0.14}
RPV-602BYF	0.01	1.2	{0.34}	1.1	{0.31}	0.97	{0.28}	0.80	{0.23}	0.65	{0.18}	0.51	{0.15}
	0.02	1.7	{0.48}	1.6	{0.45}	1.4	{0.40}	1.1	{0.31}	0.91	{0.26}	0.72	{0.20}
	0.04	2.5	{0.71}	2.3	{0.65}	1.9	{0.54}	1.6	{0.45}	1.3	{0.37}	0.98	{0.28}
RPV-603BYF	0.01	1.9	{0.54}	1.7	{0.48}	1.5	{0.42}	1.2	{0.35}	0.98	{0.28}	0.78	{0.22}
	0.02	2.6	{0.74}	2.4	{0.67}	2.0	{0.58}	1.7	{0.48}	1.4	{0.38}	1.1	{0.31}
	0.04	3.7	{1.1}	3.4	{0.96}	2.8	{0.80}	2.4	{0.67}	1.9	{0.54}	1.5	{0.42}
RPV-804BYF	0.01	2.9	{0.83}	2.7	{0.77}	2.3	{0.64}	1.8	{0.52}	1.5	{0.43}	1.2	{0.34}
	0.02	4.1	{1.2}	3.8	{1.1}	3.1	{0.89}	2.6	{0.73}	2.2	{0.61}	1.7	{0.49}
	0.04	5.7	{1.6}	5.3	{1.5}	4.4	{1.3}	3.7	{1.0}	2.9	{0.83}	2.3	{0.64}
RPV-1004BYF	0.01	4.9	{1.4}	4.6	{1.3}	3.8	{1.1}	3.2	{0.92}	2.6	{0.75}	2.0	{0.58}
	0.02	7.0	{2.0}	6.5	{1.8}	5.4	{1.5}	4.4	{1.3}	3.6	{1.0}	2.9	{0.82}
	0.04	9.8	{2.8}	9.0	{2.6}	7.7	{2.2}	6.2	{1.8}	5.0	{1.4}	4.0	{1.1}
RPV-1205BYF	0.01	7.4	{2.1}	6.9	{1.9}	5.8	{1.7}	4.8	{1.4}	3.9	{1.1}	3.1	{0.89}
	0.02	10.5	{3.0}	9.6	{2.7}	8.1	{2.3}	6.7	{1.9}	5.5	{1.6}	4.3	{1.2}
	0.04	15.1	{4.3}	14	{4.0}	11	{3.3}	9.4	{2.7}	7.5	{2.1}	5.9	{1.7}
RPV-1606BYF	0.01	11.6	{3.3}	11	{3.0}	9.0	{2.6}	7.5	{2.1}	6.1	{1.7}	4.8	{1.4}
	0.02	16.3	{4.6}	15	{4.3}	13	{3.6}	11	{3.0}	8.5	{2.4}	6.7	{1.9}
	0.04	23.3	{6.6}	21	{6.0}	18	{5.0}	15	{4.3}	12	{3.3}	9.2	{2.6}
RPV-302DYF	0.01	0.57	{0.16}	0.51	{0.14}	0.44	{0.12}	0.35	{0.10}	0.30	{0.08}	0.23	{0.07}
	0.02	0.79	{0.22}	0.72	{0.21}	0.62	{0.18}	0.50	{0.14}	0.41	{0.12}	0.33	{0.09}
	0.04	1.1	{0.31}	0.97	{0.28}	0.86	{0.24}	0.71	{0.20}	0.57	{0.16}	0.45	{0.13}
RPV-303DYF	0.01	0.62	{0.18}	0.57	{0.16}	0.48	{0.14}	0.40	{0.11}	0.33	{0.09}	0.25	{0.07}
	0.02	0.87	{0.25}	0.80	{0.23}	0.69	{0.19}	0.56	{0.16}	0.45	{0.13}	0.36	{0.10}
	0.04	1.2	{0.34}	1.1	{0.31}	0.95	{0.27}	0.79	{0.22}	0.63	{0.18}	0.49	{0.14}
RPV-602DYF	0.01	1.2	{0.34}	1.2	{0.34}	0.96	{0.27}	0.80	{0.23}	0.65	{0.18}	0.52	{0.15}
	0.02	1.7	{0.49}	1.6	{0.46}	1.3	{0.38}	1.1	{0.32}	0.91	{0.26}	0.72	{0.21}
	0.04	2.5	{0.71}	2.3	{0.64}	1.9	{0.53}	1.6	{0.45}	1.3	{0.36}	0.94	{0.27}
RPV-603DYF	0.01	1.9	{0.53}	1.7	{0.49}	1.4	{0.41}	1.2	{0.35}	0.98	{0.28}	0.77	{0.22}
	0.02	2.6	{0.74}	2.4	{0.68}	2.1	{0.60}	1.7	{0.48}	1.4	{0.39}	1.1	{0.30}
	0.04	3.7	{1.1}	3.3	{0.95}	2.9	{0.81}	2.4	{0.67}	1.9	{0.55}	1.5	{0.44}
RPV-804DYF	0.01	2.9	{0.84}	2.7	{0.77}	2.2	{0.62}	1.9	{0.54}	1.5	{0.42}	1.1	{0.33}
	0.02	4.1	{1.2}	3.8	{1.1}	3.2	{0.91}	2.6	{0.73}	2.2	{0.61}	1.6	{0.46}
	0.04	5.8	{1.6}	5.3	{1.5}	4.4	{1.3}	3.7	{1.1}	3.0	{0.84}	2.4	{0.67}
RPV-1004DYF	0.01	5.0	{1.4}	4.5	{1.3}	3.8	{1.1}	3.2	{0.91}	2.6	{0.74}	2.1	{0.59}
	0.02	7.0	{2.0}	6.4	{1.8}	5.4	{1.5}	4.5	{1.3}	3.6	{1.0}	2.9	{0.83}
	0.04	9.9	{2.8}	9.0	{2.5}	7.6	{2.2}	6.3	{1.8}	5.0	{1.4}	4.0	{1.1}
RPV-1205DYF	0.01	7.5	{2.1}	6.8	{1.9}	5.8	{1.7}	4.8	{1.4}	3.9	{1.1}	3.1	{0.88}
	0.02	10	{3.0}	9.6	{2.7}	8.2	{2.3}	6.7	{1.9}	5.4	{1.5}	4.3	{1.2}
	0.04	15	{4.3}	14.0	{4.0}	11	{3.1}	9.5	{2.7}	7.5	{2.1}	6.0	{1.7}
RPV-1606DYF	0.01	12	{3.4}	10.6	{3.0}	9.0	{2.6}	7.4	{2.1}	6.1	{1.7}	4.8	{1.4}
	0.02	16	{4.6}	15.1	{4.3}	13	{3.8}	10	{3.0}	8.5	{2.4}	6.8	{1.9}
	0.04	23	{6.5}	20.5	{5.8}	18	{5.0}	15	{4.2}	11	{3.2}	9.3	{2.6}
RPV-1607DYF	0.01	12	{3.4}	10.6	{3.0}	9.0	{2.6}	7.4	{2.1}	6.1	{1.7}	4.8	{1.4}
	0.02	16	{4.6}	15.1	{4.3}	13	{3.8}	10	{3.0}	8.5	{2.4}	6.8	{1.9}
	0.04	23	{6.5}	20.5	{5.8}	18	{5.0}	15	{4.2}	11	{3.2}	9.3	{2.6}

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} R463A-J 蒸发温度 (℃)											
		5		0		-10		-20		-30		-40	
RPV-302BYF	0.01	0.52	{0.15}	0.47	{0.13}	0.40	{0.11}	0.32	{0.091}	0.26	{0.074}	0.20	{0.057}
	0.02	0.73	{0.21}	0.67	{0.19}	0.56	{0.16}	0.45	{0.13}	0.36	{0.10}	0.28	{0.080}
	0.04	1.0	{0.28}	0.94	{0.27}	0.78	{0.22}	0.63	{0.18}	0.50	{0.14}	0.38	{0.11}
RPV-303BYF	0.01	0.57	{0.16}	0.53	{0.15}	0.44	{0.13}	0.36	{0.10}	0.29	{0.082}	0.22	{0.063}
	0.02	0.81	{0.23}	0.74	{0.21}	0.62	{0.18}	0.50	{0.14}	0.40	{0.11}	0.31	{0.088}
	0.04	1.1	{0.31}	1.0	{0.28}	0.86	{0.24}	0.70	{0.20}	0.55	{0.16}	0.42	{0.12}
RPV-602BYF	0.01	1.1	{0.31}	1.1	{0.31}	0.88	{0.25}	0.72	{0.20}	0.57	{0.16}	0.45	{0.13}
	0.02	1.6	{0.45}	1.5	{0.43}	1.2	{0.34}	1.0	{0.28}	0.80	{0.23}	0.62	{0.18}
	0.04	2.3	{0.65}	2.1	{0.60}	1.7	{0.48}	1.4	{0.40}	1.1	{0.31}	0.80	{0.23}
RPV-603BYF	0.01	1.7	{0.48}	1.6	{0.45}	1.4	{0.38}	1.1	{0.32}	0.86	{0.24}	0.68	{0.19}
	0.02	2.5	{0.70}	2.3	{0.64}	1.8	{0.51}	1.5	{0.42}	1.2	{0.35}	0.90	{0.26}
	0.04	3.4	{0.96}	3.2	{0.90}	2.6	{0.74}	2.1	{0.61}	1.7	{0.48}	1.2	{0.35}
RPV-804BYF	0.01	2.7	{0.77}	2.5	{0.70}	2.0	{0.58}	1.7	{0.49}	1.3	{0.37}	1.1	{0.31}
	0.02	3.8	{1.1}	3.4	{0.98}	2.9	{0.83}	2.4	{0.67}	1.8	{0.52}	1.4	{0.40}
	0.04	5.3	{1.5}	4.8	{1.4}	4.0	{1.1}	3.2	{0.92}	2.6	{0.73}	1.9	{0.55}
RPV-1004BYF	0.01	4.6	{1.3}	4.2	{1.2}	3.5	{0.99}	2.9	{0.82}	2.3	{0.65}	1.8	{0.51}
	0.02	6.5	{1.8}	6.0	{1.7}	4.9	{1.4}	4.1	{1.2}	3.2	{0.92}	2.5	{0.72}
	0.04	9.1	{2.6}	8.4	{2.4}	7.0	{2.0}	5.6	{1.6}	4.4	{1.3}	3.4	{0.96}
RPV-1205BYF	0.01	6.9	{1.9}	6.3	{1.8}	5.2	{1.5}	4.3	{1.2}	3.5	{0.99}	2.7	{0.76}
	0.02	9.3	{2.6}	8.9	{2.5}	7.4	{2.1}	6.0	{1.7}	4.8	{1.4}	3.7	{1.1}
	0.04	14	{4.0}	13	{3.6}	10	{3.0}	8.4	{2.4}	6.6	{1.9}	5.1	{1.5}
RPV-1606BYF	0.01	11	{3.0}	9.3	{2.7}	8.2	{2.3}	6.7	{1.9}	5.4	{1.5}	4.2	{1.2}
	0.02	15	{4.3}	14	{4.0}	12	{3.3}	9.3	{2.7}	7.5	{2.1}	5.8	{1.7}
	0.04	21	{6.0}	20	{5.6}	16	{4.6}	13	{3.6}	11	{3.0}	7.8	{2.2}
RPV-302DYF	0.01	0.52	{0.15}	0.47	{0.13}	0.40	{0.11}	0.32	{0.09}	0.26	{0.07}	0.20	{0.06}
	0.02	0.73	{0.21}	0.67	{0.19}	0.56	{0.16}	0.45	{0.13}	0.36	{0.10}	0.28	{0.08}
	0.04	1.0	{0.28}	0.90	{0.26}	0.78	{0.22}	0.63	{0.18}	0.50	{0.14}	0.38	{0.11}
RPV-303DYF	0.01	0.57	{0.16}	0.53	{0.15}	0.44	{0.13}	0.36	{0.10}	0.29	{0.08}	0.22	{0.06}
	0.02	0.81	{0.23}	0.74	{0.21}	0.62	{0.18}	0.50	{0.14}	0.40	{0.11}	0.31	{0.09}
	0.04	1.1	{0.31}	1.0	{0.28}	0.86	{0.24}	0.70	{0.20}	0.55	{0.16}	0.42	{0.12}
RPV-602DYF	0.01	1.1	{0.31}	1.1	{0.31}	0.88	{0.25}	0.72	{0.20}	0.57	{0.16}	0.45	{0.13}
	0.02	1.6	{0.45}	1.5	{0.43}	1.2	{0.34}	1.0	{0.28}	0.80	{0.23}	0.62	{0.18}
	0.04	2.3	{0.65}	2.1	{0.60}	1.7	{0.48}	1.4	{0.40}	1.1	{0.31}	0.80	{0.23}
RPV-603DYF	0.01	1.7	{0.48}	1.6	{0.45}	1.3	{0.37}	1.1	{0.31}	0.86	{0.24}	0.67	{0.19}
	0.02	2.4	{0.68}	2.2	{0.63}	1.9	{0.54}	1.5	{0.43}	1.2	{0.34}	0.90	{0.26}
	0.04	3.4	{0.97}	3.1	{0.88}	2.6	{0.74}	2.1	{0.60}	1.7	{0.48}	1.3	{0.37}
RPV-804DYF	0.01	2.7	{0.77}	2.5	{0.71}	2.0	{0.57}	1.7	{0.48}	1.3	{0.37}	1.0	{0.28}
	0.02	3.8	{1.1}	3.5	{1.0}	2.9	{0.82}	2.3	{0.65}	1.9	{0.54}	1.4	{0.40}
	0.04	5.3	{1.5}	4.9	{1.4}	4.0	{1.1}	3.3	{0.94}	2.6	{0.74}	2.0	{0.57}
RPV-1004DYF	0.01	4.6	{1.3}	4.2	{1.2}	3.5	{1.0}	2.9	{0.82}	2.3	{0.65}	1.8	{0.51}
	0.02	6.5	{1.8}	5.9	{1.7}	4.9	{1.4}	4.0	{1.1}	3.2	{0.91}	2.5	{0.71}
	0.04	9.1	{2.6}	8.3	{2.4}	6.9	{2.0}	5.6	{1.6}	4.4	{1.3}	3.4	{0.97}
RPV-1205DYF	0.01	6.9	{2.0}	6.3	{1.8}	5.3	{1.5}	4.3	{1.2}	3.4	{0.97}	2.7	{0.77}
	0.02	9.7	{2.8}	8.9	{2.5}	7.4	{2.1}	6.0	{1.7}	4.8	{1.4}	3.7	{1.1}
	0.04	14	{4.0}	13	{3.7}	10	{2.8}	8.4	{2.4}	6.6	{1.9}	5.1	{1.5}
RPV-1606DYF	0.01	11	{3.1}	9.8	{2.8}	8.2	{2.3}	6.7	{1.9}	5.4	{1.5}	4.2	{1.2}
	0.02	15	{4.3}	14	{4.0}	12	{3.4}	9.4	{2.7}	7.5	{2.1}	5.8	{1.6}
	0.04	21	{6.0}	19	{5.4}	16	{4.5}	13	{3.7}	10	{2.8}	7.9	{2.2}
RPV-1607DYF	0.01	11	{3.1}	9.8	{2.8}	8.2	{2.3}	6.7	{1.9}	5.4	{1.5}	4.2	{1.2}
	0.02	15	{4.3}	14	{4.0}	12	{3.4}	9.4	{2.7}	7.5	{2.1}	5.8	{1.6}
	0.04	21	{6.0}	19	{5.4}	16	{4.5}	13	{3.7}	10	{2.8}	7.9	{2.2}

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）							
	R410A				R463A-J			
	压力差(MPa)							
	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30
RPV-302BYF	41	57	69	97	39	55	67	93
RPV-303BYF	45	63	77	107	44	61	74	103
RPV-602BYF	90	127	154	215	87	122	149	207
RPV-603BYF	135	190	232	322	131	183	224	311
RPV-804BYF	210	296	360	501	204	285	348	482
RPV-1004BYF	360	506	618	858	348	490	596	827
RPV-1205BYF	541	761	927	1288	523	734	894	1240
RPV-1606BYF	841	1183	1441	2003	813	1142	1391	1930
RPV-302DYF	40	57	69	97	39	55	67	93
RPV-303DYF	46	63	77	107	44	61	74	103
RPV-602DYF	90	127	154	215	87	122	149	207
RPV-603DYF	135	191	231	322	131	184	223	310
RPV-804DYF	210	297	360	500	203	286	348	482
RPV-1004DYF	360	508	617	858	348	490	596	827
RPV-1205DYF	540	761	926	1287	522	734	894	1240
RPV-1606DYF	841	1184	1439	2002	813	1142	1390	1929
RPV-1607DYF	841	1184	1439	2002	813	1142	1390	1929