

# 能力表

## 液体管道能力

CT. 38°C / ET. 5°C / 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		
SEV-303BY	3.0 {0.86}	3.7 {1.1}	4.3 {1.2}	6.0 {1.7}	2.1 {0.60}	2.6 {0.73}	3.0 {0.84}	4.2 {1.2}		
SEV-502BY	6.2 {1.8}	7.6 {2.2}	8.7 {2.5}	12 {3.5}	4.3 {1.2}	5.2 {1.5}	6.1 {1.7}	8.6 {2.4}		
SEV-603BY	9.7 {2.7}	12 {3.4}	14 {3.9}	19 {5.5}	6.7 {1.9}	8.2 {2.3}	10 {2.7}	13 {3.8}		
SEV-1004BY	21 {6.0}	26 {7.4}	30 {8.5}	42 {12}	15 {4.2}	18 {5.1}	21 {5.9}	29 {8.4}		
SEV-1205BY	35 {10}	43 {12}	50 {14}	70 {20}	24 {6.9}	30 {8.5}	34 {9.8}	49 {14}		
SEV-1506BY	54 {15}	67 {19}	77 {22}	109 {31}	38 {11}	46 {13}	53 {15}	76 {21}		
SEV-303DY	3.0 {0.86}	3.7 {1.1}	4.3 {1.2}	6.0 {1.7}	2.1 {0.60}	2.6 {0.73}	3.0 {0.84}	4.2 {1.2}		
SEV-502DY	6.4 {1.8}	7.9 {2.2}	9.1 {2.6}	13 {3.6}	4.5 {1.3}	5.5 {1.5}	6.3 {1.8}	8.9 {2.5}		
SEV-603DY	10 {2.9}	12 {3.5}	14 {4.0}	20 {5.7}	7.0 {2.0}	8.5 {2.4}	9.9 {2.8}	14 {4.0}		
SEV-604DY	10 {2.9}	12 {3.5}	14 {4.0}	20 {5.7}	7.0 {2.0}	8.5 {2.4}	9.9 {2.8}	14 {4.0}		
SEV-1004DY	24 {6.9}	30 {8.4}	34 {9.7}	48 {14}	17 {4.8}	21 {5.9}	24 {6.8}	34 {9.6}		
SEV-1005DY	24 {6.9}	30 {8.4}	34 {9.7}	48 {14}	17 {4.8}	21 {5.9}	24 {6.8}	34 {9.6}		
SEV-1205DY	42 {12}	52 {15}	60 {17}	85 {24}	29 {8.4}	36 {10}	42 {12}	59 {17}		
SEV-1506DY	64 {18}	79 {22}	91 {26}	128 {36}	45 {13}	55 {15}	63 {18}	89 {25}		
SEV-1507DY	64 {18}	79 {22}	91 {26}	128 {36}	45 {13}	55 {15}	63 {18}	89 {25}		

型号	冷冻能力 (kw) {美国冷冻吨}									
	R407C					R410A				
	压力差 (MPa)									
	0.01	0.015	0.02	0.04	0.01	0.015	0.02	0.04		
SEV-303BY	11 {3.0}	3.7 {1.1}	4.3 {1.2}	6.1 {1.7}	3.0 {0.87}	3.7 {1.1}	4.3 {1.2}	6.1 {1.7}		
SEV-502BY	22 {6.2}	7.6 {2.2}	8.8 {2.5}	12 {3.5}	6.2 {1.8}	7.6 {2.2}	8.8 {2.5}	12 {3.5}		
SEV-603BY	34 {9.7}	12 {3.4}	14 {3.9}	20 {5.6}	9.7 {2.8}	12 {3.4}	14 {3.9}	19 {5.5}		
SEV-1004BY	74 {21}	26 {7.5}	30 {8.6}	43 {12}	21 {6.1}	26 {7.4}	30 {8.6}	43 {12}		
SEV-1205BY	123 {35}	43 {12}	50 {14}	71 {20}	35 {10}	43 {12}	50 {14}	71 {20}		
SEV-1506BY	191 {54}	67 {19}	78 {22}	110 {31}	55 {16}	67 {19}	78 {22}	110 {31}		
SEV-303DY	11 {3.0}	3.7 {1.1}	4.3 {1.2}	6.1 {1.7}	3.0 {0.87}	3.7 {1.1}	4.3 {1.2}	6.1 {1.7}		
SEV-502DY	23 {6.4}	7.9 {2.3}	9.2 {2.6}	13 {3.7}	6.5 {1.8}	7.9 {2.2}	9.1 {2.6}	13 {3.7}		
SEV-603DY	35 {10}	12 {3.5}	14 {4.1}	20 {5.8}	10 {2.9}	12 {3.5}	14 {4.1}	20 {5.8}		
SEV-604DY	35 {10}	12 {3.5}	14 {4.1}	20 {5.8}	10 {2.9}	12 {3.5}	14 {4.1}	20 {5.8}		
SEV-1004DY	85 {24}	30 {8.5}	35 {9.8}	49 {14}	24 {6.9}	30 {8.5}	34 {10}	49 {14}		
SEV-1005DY	85 {24}	30 {8.5}	35 {9.8}	49 {14}	24 {6.9}	30 {8.5}	34 {10}	49 {14}		
SEV-1205DY	149 {42}	52 {15}	61 {17}	86 {24}	43 {12}	52 {15}	60 {17}	85 {24}		
SEV-1506DY	225 {64}	79 {23}	92 {26}	130 {37}	65 {18}	79 {22}	91 {26}	129 {37}		
SEV-1507DY	225 {64}	79 {23}	92 {26}	130 {37}	65 {18}	79 {22}	91 {26}	129 {37}		

型号	冷冻能力 (kw) {美国冷冻吨}									
	R448A					R449A				
	压力差 (MPa)									
	0.01	0.015	0.02	0.04	0.01	0.015	0.02	0.04		
SEV-303BY	2.8 {0.80}	3.4 {1.0}	4.0 {1.1}	5.6 {1.6}	2.8 {0.79}	3.4 {1.0}	3.9 {1.1}	5.5 {1.6}		
SEV-502BY	5.7 {1.6}	7.0 {2.0}	8.1 {2.3}	11 {3.3}	5.7 {1.6}	6.9 {2.0}	8.0 {2.3}	11 {3.2}		
SEV-603BY	9.0 {2.6}	11 {3.1}	13 {3.6}	18 {5.1}	8.9 {2.5}	11 {3.1}	13 {3.6}	18 {5.0}		
SEV-1004BY	20 {5.6}	24 {6.8}	28 {7.9}	39 {11}	19 {5.5}	24 {6.8}	27 {7.8}	39 {11}		
SEV-1205BY	33 {9.3}	40 {11}	46 {13}	65 {19}	32 {9.1}	39 {11}	45 {13}	64 {18}		
SEV-1506BY	51 {14}	62 {18}	72 {20}	101 {29}	50 {14}	61 {17}	71 {20}	100 {28}		
SEV-303DY	2.8 {0.80}	3.4 {1.0}	4.0 {1.1}	5.6 {1.6}	2.8 {0.79}	3.4 {1.0}	3.9 {1.1}	5.5 {1.6}		
SEV-502DY	6.0 {1.7}	7.3 {2.1}	8.4 {2.4}	12 {3.4}	5.9 {1.7}	7.2 {2.0}	8.3 {2.4}	12 {3.3}		
SEV-603DY	9.3 {2.7}	11 {3.2}	13 {3.8}	19 {5.3}	9.2 {2.6}	11 {3.2}	13 {3.7}	18 {5.2}		
SEV-604DY	9.3 {2.7}	11 {3.2}	13 {3.8}	19 {5.3}	9.2 {2.6}	11 {3.2}	13 {3.7}	18 {5.2}		
SEV-1004DY	22 {6.4}	28 {7.8}	32 {9.0}	45 {13}	22 {6.3}	27 {7.7}	31 {8.9}	44 {13}		
SEV-1005DY	22 {6.4}	28 {7.8}	32 {9.0}	45 {13}	22 {6.3}	27 {7.7}	31 {8.9}	44 {13}		
SEV-1205DY	39 {11}	48 {14}	56 {16}	79 {22}	39 {11}	48 {14}	55 {16}	78 {22}		
SEV-1506DY	60 {17}	73 {21}	84 {24}	119 {34}	59 {17}	72 {20}	83 {24}	117 {33}		
SEV-1507DY	60 {17}	73 {21}	84 {24}	119 {34}	59 {17}	72 {20}	83 {24}	117 {33}		

\*以冷凝温度38°C, 蒸发温度5°C, 过冷度0°C 如果条件变化, 请乘上辅助系数表上的系数

液体管道能力

CT. 38°C / ET. 5°C / SC. 0K

型号	冷冻能力 (kw) {美国冷冻吨}															
	R407H						R463A-J									
	压力差 (MPa)															
	0.01		0.015		0.02		0.04		0.01		0.015		0.02		0.04	
SEV-303BY	11	{3.0}	13	{3.7}	15	{4.3}	21	{6.0}	7.4	{2.1}	9.0	{2.6}	10	{3.0}	15	{4.2}
SEV-502BY	22	{6.2}	27	{7.6}	31	{8.7}	43	{12}	15	{4.3}	18	{5.2}	21	{6.1}	30	{8.6}
SEV-603BY	34	{9.7}	42	{12}	48	{14}	68	{19}	24	{6.7}	29	{8.2}	33	{9.5}	47	{13}
SEV-1004BY	74	{21}	91	{26}	105	{30}	149	{42}	52	{15}	63	{18}	73	{21}	103	{29}
SEV-1205BY	123	{35}	151	{43}	174	{50}	247	{70}	86	{24}	105	{30}	121	{34}	171	{49}
SEV-1506BY	191	{54}	234	{67}	271	{77}	383	{109}	133	{38}	163	{46}	188	{53}	266	{76}
SEV-303DY	11	{3.0}	13	{3.7}	15	{4.3}	21	{6.0}	7.4	{2.1}	9.0	{2.6}	10	{3.0}	15	{4.2}
SEV-502DY	23	{6.4}	28	{7.9}	32	{9.1}	45	{13}	16	{4.5}	19	{5.5}	22	{6.3}	31	{8.9}
SEV-603DY	35	{10}	43	{12}	50	{14}	71	{20}	25	{7.0}	30	{8.5}	35	{9.9}	49	{14}
SEV-604DY	35	{10}	43	{12}	50	{14}	71	{20}	25	{7.0}	30	{8.5}	35	{9.9}	49	{14}
SEV-1004DY	85	{24}	104	{30}	120	{34}	170	{48}	59	{17}	72	{21}	84	{24}	118	{34}
SEV-1005DY	85	{24}	104	{30}	120	{34}	170	{48}	59	{17}	72	{21}	84	{24}	118	{34}
SEV-1205DY	149	{42}	182	{52}	210	{60}	298	{85}	103	{29}	127	{36}	146	{42}	207	{59}
SEV-1506DY	225	{64}	276	{79}	319	{91}	451	{128}	157	{45}	192	{55}	221	{63}	313	{89}
SEV-1507DY	225	{64}	276	{79}	319	{91}	451	{128}	157	{45}	192	{55}	221	{63}	313	{89}

\*以冷凝温度38°C,蒸发温度5°C,过冷度0°C 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 (°C)	系数							
	R134a	R404A	R407C	R410A	R448A	R449A	R407H	R463A-J
5	1	1	1	1	1	1	1	1
0	0.98	0.98	0.98	0.99	0.98	0.98	0.99	0.99
-10	0.94	0.93	0.95	0.97	0.95	0.95	0.96	0.96
-20	0.90	0.88	0.92	0.95	0.91	0.91	0.93	0.93
-30	0.85	0.83	0.88	0.92	0.87	0.87	0.89	0.90
-40	0.81	0.78	0.84	0.89	0.83	0.83	0.86	0.86

过冷度辅助系数表

过冷度 (K)	系数							
	R134a	R404A	R407C	R410A	R448A	R449A	R407H	R463A-J
0	1	1	1	1	1	1	1	1
10	1.12	1.17	1.13	1.14	1.14	1.14	1.14	1.14
20	1.23	1.34	1.25	1.27	1.27	1.27	1.26	1.28
30	1.35	1.51	1.37	1.41	1.40	1.40	1.38	1.41
40	1.46	1.67	1.49	1.53	1.53	1.53	1.49	1.54
50	1.58	1.83	1.61	1.66	1.65	1.66	1.61	1.67

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 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.34 {0.10}	0.31 {0.088}	0.25 {0.071}	0.20 {0.056}	0.15 {0.043}	0.11 {0.032}				
	0.015	0.42 {0.12}	0.38 {0.11}	0.30 {0.086}	0.24 {0.068}	0.18 {0.052}	0.13 {0.038}				
	0.02	0.48 {0.14}	0.44 {0.12}	0.35 {0.10}	0.27 {0.078}	0.21 {0.059}	0.15 {0.043}				
	0.04	0.67 {0.19}	0.60 {0.17}	0.48 {0.14}	0.37 {0.11}	0.27 {0.077}	0.18 {0.052}				
SEV-502BY	0.01	0.70 {0.20}	0.63 {0.18}	0.51 {0.14}	0.40 {0.11}	0.31 {0.088}	0.23 {0.065}				
	0.015	0.86 {0.24}	0.77 {0.22}	0.62 {0.18}	0.49 {0.14}	0.37 {0.11}	0.27 {0.077}				
	0.02	1.0 {0.28}	0.89 {0.25}	0.71 {0.20}	0.56 {0.16}	0.42 {0.12}	0.31 {0.087}				
	0.04	1.4 {0.39}	1.2 {0.35}	0.98 {0.28}	0.75 {0.21}	0.55 {0.16}	0.38 {0.11}				
SEV-603BY	0.01	1.1 {0.31}	0.99 {0.28}	0.80 {0.23}	0.63 {0.18}	0.48 {0.14}	0.36 {0.10}				
	0.015	1.3 {0.38}	1.2 {0.34}	0.97 {0.28}	0.76 {0.22}	0.58 {0.17}	0.43 {0.12}				
	0.02	1.5 {0.44}	1.4 {0.40}	1.1 {0.32}	0.87 {0.25}	0.66 {0.19}	0.48 {0.14}				
	0.04	2.2 {0.61}	1.9 {0.55}	1.5 {0.44}	1.2 {0.34}	0.87 {0.25}	0.59 {0.17}				
SEV-1004BY	0.01	2.4 {0.68}	2.2 {0.62}	1.7 {0.50}	1.4 {0.39}	1.1 {0.30}	0.78 {0.22}				
	0.015	2.9 {0.83}	2.6 {0.75}	2.1 {0.61}	1.7 {0.47}	1.3 {0.36}	0.93 {0.27}				
	0.02	3.4 {0.96}	3.0 {0.87}	2.4 {0.69}	1.9 {0.54}	1.4 {0.41}	1.05 {0.30}				
	0.04	4.7 {1.3}	4.2 {1.2}	3.4 {0.96}	2.6 {0.74}	1.9 {0.54}	1.29 {0.37}				
SEV-1205BY	0.01	4.0 {1.1}	3.6 {1.0}	2.9 {0.82}	2.3 {0.65}	1.8 {0.50}	1.30 {0.37}				
	0.015	4.9 {1.4}	4.4 {1.2}	3.5 {1.0}	2.8 {0.79}	2.1 {0.60}	1.55 {0.44}				
	0.02	5.6 {1.6}	5.0 {1.4}	4.0 {1.2}	3.2 {0.90}	2.4 {0.68}	1.74 {0.49}				
	0.04	7.8 {2.2}	7.0 {2.0}	5.6 {1.6}	4.3 {1.2}	3.2 {0.90}	2.14 {0.61}				
SEV-1506BY	0.01	6.2 {1.8}	5.6 {1.6}	4.5 {1.3}	3.5 {1.0}	2.7 {0.77}	2.0 {0.57}				
	0.015	7.5 {2.1}	6.8 {1.9}	5.5 {1.6}	4.3 {1.2}	3.3 {0.93}	2.4 {0.68}				
	0.02	8.7 {2.5}	7.8 {2.2}	6.3 {1.8}	4.9 {1.4}	3.7 {1.1}	2.7 {0.77}				
	0.04	12 {3.4}	10.9 {3.1}	8.6 {2.5}	6.7 {1.9}	4.9 {1.4}	3.3 {0.94}				
SEV-303DY	0.01	0.34 {0.10}	0.31 {0.088}	0.25 {0.071}	0.20 {0.056}	0.15 {0.043}	0.11 {0.032}				
	0.015	0.42 {0.12}	0.38 {0.11}	0.30 {0.086}	0.24 {0.068}	0.18 {0.052}	0.13 {0.038}				
	0.02	0.48 {0.14}	0.44 {0.12}	0.35 {0.10}	0.27 {0.078}	0.21 {0.059}	0.15 {0.043}				
	0.04	0.67 {0.19}	0.60 {0.17}	0.48 {0.14}	0.37 {0.11}	0.27 {0.077}	0.18 {0.052}				
SEV-502DY	0.01	0.73 {0.21}	0.66 {0.19}	0.53 {0.15}	0.42 {0.12}	0.32 {0.091}	0.24 {0.067}				
	0.015	0.89 {0.25}	0.80 {0.23}	0.64 {0.18}	0.51 {0.14}	0.39 {0.11}	0.28 {0.080}				
	0.02	1.0 {0.29}	0.92 {0.26}	0.74 {0.21}	0.58 {0.16}	0.44 {0.12}	0.32 {0.090}				
	0.04	1.4 {0.41}	1.3 {0.36}	1.0 {0.29}	0.78 {0.22}	0.58 {0.16}	0.39 {0.11}				
SEV-603DY	0.01	1.1 {0.32}	1.0 {0.29}	0.83 {0.24}	0.65 {0.19}	0.50 {0.14}	0.37 {0.11}				
	0.015	1.4 {0.40}	1.3 {0.36}	1.0 {0.29}	0.79 {0.23}	0.60 {0.17}	0.44 {0.13}				
	0.02	1.6 {0.46}	1.4 {0.41}	1.2 {0.33}	0.91 {0.26}	0.69 {0.20}	0.50 {0.14}				
	0.04	2.2 {0.63}	2.0 {0.57}	1.6 {0.45}	1.2 {0.35}	0.90 {0.26}	0.61 {0.17}				
SEV-604DY	0.01	1.1 {0.32}	1.0 {0.29}	0.83 {0.24}	0.65 {0.19}	0.50 {0.14}	0.37 {0.11}				
	0.015	1.4 {0.40}	1.3 {0.36}	1.0 {0.29}	0.79 {0.23}	0.60 {0.17}	0.44 {0.13}				
	0.02	1.6 {0.46}	1.4 {0.41}	1.2 {0.33}	0.91 {0.26}	0.69 {0.20}	0.50 {0.14}				
	0.04	2.2 {0.63}	2.0 {0.57}	1.6 {0.45}	1.2 {0.35}	0.90 {0.26}	0.61 {0.17}				
SEV-1004DY	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}				
SEV-1005DY	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 {1.0}	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}				
SEV-1205DY	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}				
SEV-1506DY	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}				
SEV-1507DY	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}				

吸入气体管道能力

CT. 38°C, 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 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.36 {0.10}	0.33 {0.093}	0.27 {0.077}	0.22 {0.062}	0.17 {0.048}	0.13 {0.037}				
	0.015	0.44 {0.13}	0.40 {0.11}	0.33 {0.094}	0.26 {0.075}	0.21 {0.059}	0.16 {0.045}				
	0.02	0.51 {0.14}	0.46 {0.13}	0.38 {0.11}	0.30 {0.086}	0.24 {0.068}	0.18 {0.051}				
	0.04	0.71 {0.20}	0.65 {0.18}	0.53 {0.15}	0.42 {0.12}	0.33 {0.093}	0.24 {0.070}				
SEV-502BY	0.01	0.73 {0.21}	0.67 {0.19}	0.55 {0.16}	0.44 {0.13}	0.35 {0.10}	0.27 {0.076}				
	0.015	0.90 {0.26}	0.82 {0.23}	0.67 {0.19}	0.54 {0.15}	0.42 {0.12}	0.32 {0.092}				
	0.02	1.0 {0.29}	0.94 {0.27}	0.77 {0.22}	0.62 {0.18}	0.49 {0.14}	0.37 {0.10}				
	0.04	1.5 {0.41}	1.3 {0.38}	1.1 {0.31}	0.86 {0.25}	0.67 {0.19}	0.50 {0.14}				
SEV-603BY	0.01	1.2 {0.33}	1.1 {0.30}	0.86 {0.25}	0.69 {0.20}	0.55 {0.16}	0.42 {0.12}				
	0.015	1.4 {0.40}	1.3 {0.37}	1.1 {0.30}	0.85 {0.24}	0.66 {0.19}	0.51 {0.14}				
	0.02	1.6 {0.46}	1.5 {0.42}	1.2 {0.34}	0.97 {0.28}	0.76 {0.22}	0.58 {0.16}				
	0.04	2.3 {0.65}	2.1 {0.59}	1.7 {0.48}	1.4 {0.38}	1.0 {0.30}	0.78 {0.22}				
SEV-1004BY	0.01	2.5 {0.72}	2.3 {0.65}	1.9 {0.54}	1.5 {0.43}	1.2 {0.34}	0.91 {0.26}				
	0.015	3.1 {0.88}	2.8 {0.80}	2.3 {0.66}	1.9 {0.53}	1.5 {0.41}	1.1 {0.31}				
	0.02	3.6 {1.0}	3.2 {0.92}	2.7 {0.75}	2.1 {0.61}	1.7 {0.47}	1.3 {0.36}				
	0.04	5.0 {1.4}	4.5 {1.3}	3.7 {1.1}	3.0 {0.84}	2.3 {0.65}	1.7 {0.49}				
SEV-1205BY	0.01	4.2 {1.2}	3.8 {1.1}	3.1 {0.89}	2.5 {0.72}	2.0 {0.56}	1.5 {0.43}				
	0.015	5.1 {1.5}	4.7 {1.3}	3.8 {1.1}	3.1 {0.87}	2.4 {0.68}	1.8 {0.52}				
	0.02	5.9 {1.7}	5.4 {1.5}	4.4 {1.3}	3.5 {1.0}	2.8 {0.78}	2.1 {0.60}				
	0.04	8.3 {2.3}	7.5 {2.1}	6.1 {1.7}	4.9 {1.4}	3.8 {1.1}	2.8 {0.81}				
SEV-1506BY	0.01	6.5 {1.8}	5.9 {1.7}	4.9 {1.4}	3.9 {1.1}	3.1 {0.87}	2.3 {0.67}				
	0.015	7.9 {2.3}	7.2 {2.1}	5.9 {1.7}	4.8 {1.4}	3.7 {1.1}	2.8 {0.81}				
	0.02	9.1 {2.6}	8.3 {2.4}	6.8 {1.9}	5.5 {1.6}	4.3 {1.2}	3.3 {0.92}				
	0.04	13 {3.6}	12 {3.3}	9.5 {2.7}	7.6 {2.2}	5.9 {1.7}	4.4 {1.3}				
SEV-303DY	0.01	0.36 {0.10}	0.33 {0.093}	0.27 {0.077}	0.22 {0.062}	0.17 {0.048}	0.13 {0.037}				
	0.015	0.44 {0.13}	0.40 {0.11}	0.33 {0.094}	0.26 {0.075}	0.21 {0.059}	0.16 {0.045}				
	0.02	0.51 {0.14}	0.46 {0.13}	0.38 {0.11}	0.30 {0.086}	0.24 {0.068}	0.18 {0.051}				
	0.04	0.71 {0.20}	0.65 {0.18}	0.53 {0.15}	0.42 {0.12}	0.33 {0.093}	0.24 {0.070}				
SEV-502DY	0.01	0.76 {0.22}	0.70 {0.20}	0.57 {0.16}	0.46 {0.13}	0.36 {0.10}	0.28 {0.079}				
	0.015	0.93 {0.27}	0.85 {0.24}	0.70 {0.20}	0.56 {0.16}	0.44 {0.13}	0.33 {0.10}				
	0.02	1.1 {0.31}	0.98 {0.28}	0.80 {0.23}	0.64 {0.18}	0.50 {0.14}	0.38 {0.11}				
	0.04	1.5 {0.43}	1.4 {0.39}	1.1 {0.32}	0.90 {0.25}	0.69 {0.20}	0.52 {0.15}				
SEV-603DY	0.01	1.2 {0.34}	1.1 {0.31}	0.90 {0.25}	0.72 {0.20}	0.57 {0.16}	0.43 {0.12}				
	0.015	1.5 {0.42}	1.3 {0.38}	1.1 {0.31}	0.88 {0.25}	0.69 {0.20}	0.52 {0.15}				
	0.02	1.7 {0.48}	1.5 {0.44}	1.3 {0.36}	1.0 {0.29}	0.79 {0.22}	0.60 {0.17}				
	0.04	2.4 {0.67}	2.2 {0.61}	1.8 {0.50}	1.4 {0.40}	1.1 {0.31}	0.81 {0.23}				
SEV-604DY	0.01	1.2 {0.34}	1.1 {0.31}	0.90 {0.25}	0.72 {0.20}	0.57 {0.16}	0.43 {0.12}				
	0.015	1.5 {0.42}	1.3 {0.38}	1.1 {0.31}	0.88 {0.25}	0.69 {0.20}	0.52 {0.15}				
	0.02	1.7 {0.48}	1.5 {0.44}	1.3 {0.36}	1.0 {0.29}	0.79 {0.22}	0.60 {0.17}				
	0.04	2.4 {0.67}	2.2 {0.61}	1.8 {0.50}	1.4 {0.40}	1.1 {0.31}	0.81 {0.23}				
SEV-1004DY	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}				
SEV-1005DY	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}				
SEV-1205DY	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}				
SEV-1506DY	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}				
SEV-1507DY	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}	10 {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}				

吸入气体管道能力

CT. 38°C, 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}									
		R407C									
		蒸发温度 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.41 {0.12}	0.38 {0.11}	0.31 {0.088}	0.25 {0.070}	0.19 {0.055}	0.15 {0.042}				
	0.015	0.51 {0.14}	0.46 {0.13}	0.38 {0.11}	0.30 {0.086}	0.23 {0.067}	0.18 {0.050}				
	0.02	0.58 {0.17}	0.53 {0.15}	0.43 {0.12}	0.35 {0.10}	0.27 {0.076}	0.20 {0.057}				
	0.04	0.82 {0.23}	0.74 {0.21}	0.60 {0.17}	0.48 {0.14}	0.36 {0.10}	0.27 {0.075}				
SEV-502BY	0.01	0.84 {0.24}	0.77 {0.22}	0.63 {0.18}	0.50 {0.14}	0.40 {0.11}	0.30 {0.085}				
	0.015	1.0 {0.29}	0.94 {0.27}	0.77 {0.22}	0.61 {0.17}	0.48 {0.14}	0.36 {0.10}				
	0.02	1.2 {0.34}	1.1 {0.31}	0.88 {0.25}	0.71 {0.20}	0.55 {0.16}	0.41 {0.12}				
	0.04	1.7 {0.47}	1.5 {0.43}	1.2 {0.35}	0.97 {0.28}	0.74 {0.21}	0.54 {0.15}				
SEV-603BY	0.01	1.3 {0.38}	1.2 {0.34}	0.99 {0.28}	0.79 {0.23}	0.62 {0.18}	0.47 {0.13}				
	0.015	1.6 {0.46}	1.5 {0.42}	1.2 {0.34}	0.96 {0.27}	0.75 {0.21}	0.57 {0.16}				
	0.02	1.9 {0.53}	1.7 {0.48}	1.4 {0.39}	1.1 {0.31}	0.86 {0.24}	0.64 {0.18}				
	0.04	2.6 {0.74}	2.4 {0.67}	1.9 {0.55}	1.5 {0.43}	1.2 {0.33}	0.85 {0.24}				
SEV-1004BY	0.01	2.9 {0.82}	2.6 {0.75}	2.2 {0.61}	1.7 {0.49}	1.4 {0.39}	1.0 {0.29}				
	0.015	3.5 {1.0}	3.2 {0.92}	2.6 {0.75}	2.1 {0.60}	1.6 {0.47}	1.2 {0.35}				
	0.02	4.1 {1.2}	3.7 {1.1}	3.0 {0.86}	2.4 {0.69}	1.9 {0.53}	1.4 {0.40}				
	0.04	5.7 {1.6}	5.2 {1.5}	4.2 {1.2}	3.3 {0.95}	2.6 {0.73}	1.9 {0.53}				
SEV-1205BY	0.01	4.8 {1.4}	4.4 {1.2}	3.6 {1.0}	2.9 {0.82}	2.2 {0.64}	1.7 {0.49}				
	0.015	5.9 {1.7}	5.3 {1.5}	4.4 {1.2}	3.5 {0.99}	2.7 {0.78}	2.1 {0.58}				
	0.02	6.8 {1.9}	6.2 {1.7}	5.0 {1.4}	4.0 {1.1}	3.1 {0.89}	2.3 {0.66}				
	0.04	9.5 {2.7}	8.6 {2.4}	7.0 {2.0}	5.5 {1.6}	4.2 {1.2}	3.1 {0.88}				
SEV-1506BY	0.01	7.4 {2.1}	6.8 {1.9}	5.6 {1.6}	4.5 {1.3}	3.5 {1.0}	2.6 {0.75}				
	0.015	9.1 {2.6}	8.3 {2.4}	6.8 {1.9}	5.4 {1.5}	4.2 {1.2}	3.2 {0.91}				
	0.02	10 {3.0}	9.5 {2.7}	7.8 {2.2}	6.2 {1.8}	4.8 {1.4}	3.6 {1.0}				
	0.04	15 {4.2}	13 {3.8}	11 {3.1}	8.6 {2.4}	6.6 {1.9}	4.8 {1.4}				
SEV-303DY	0.01	0.41 {0.12}	0.38 {0.11}	0.31 {0.088}	0.25 {0.070}	0.19 {0.055}	0.15 {0.042}				
	0.015	0.51 {0.14}	0.46 {0.13}	0.38 {0.11}	0.30 {0.086}	0.23 {0.067}	0.18 {0.050}				
	0.02	0.58 {0.17}	0.53 {0.15}	0.43 {0.12}	0.35 {0.10}	0.27 {0.076}	0.20 {0.057}				
	0.04	0.82 {0.23}	0.74 {0.21}	0.60 {0.17}	0.48 {0.14}	0.36 {0.10}	0.27 {0.075}				
SEV-502DY	0.01	0.88 {0.25}	0.80 {0.23}	0.65 {0.19}	0.52 {0.15}	0.41 {0.12}	0.31 {0.089}				
	0.015	1.07 {0.3}	0.98 {0.3}	0.80 {0.23}	0.64 {0.18}	0.50 {0.14}	0.38 {0.11}				
	0.02	1.24 {0.4}	1.12 {0.3}	0.92 {0.26}	0.73 {0.21}	0.57 {0.16}	0.43 {0.12}				
	0.04	1.73 {0.5}	1.57 {0.4}	1.3 {0.36}	1.0 {0.29}	0.77 {0.22}	0.56 {0.16}				
SEV-603DY	0.01	1.37 {0.4}	1.25 {0.4}	1.0 {0.29}	0.82 {0.23}	0.64 {0.18}	0.49 {0.14}				
	0.015	1.68 {0.5}	1.53 {0.4}	1.3 {0.36}	1.0 {0.28}	0.78 {0.22}	0.59 {0.17}				
	0.02	1.93 {0.5}	1.76 {0.5}	1.4 {0.41}	1.1 {0.33}	0.89 {0.25}	0.67 {0.19}				
	0.04	2.71 {0.8}	2.46 {0.7}	2.0 {0.57}	1.6 {0.45}	1.2 {0.34}	0.88 {0.25}				
SEV-604DY	0.01	1.37 {0.4}	1.25 {0.4}	1.0 {0.29}	0.82 {0.23}	0.64 {0.18}	0.49 {0.14}				
	0.015	1.68 {0.5}	1.53 {0.4}	1.3 {0.36}	1.0 {0.28}	0.78 {0.22}	0.59 {0.17}				
	0.02	1.93 {0.5}	1.76 {0.5}	1.4 {0.41}	1.1 {0.33}	0.89 {0.25}	0.67 {0.19}				
	0.04	2.71 {0.8}	2.46 {0.7}	2.0 {0.57}	1.6 {0.45}	1.2 {0.34}	0.88 {0.25}				
SEV-1004DY	0.01	3.31 {0.9}	3.02 {0.9}	2.5 {0.70}	2.0 {0.56}	1.5 {0.44}	1.2 {0.33}				
	0.015	4.0 {1.2}	3.7 {1.0}	3.0 {0.86}	2.4 {0.69}	1.9 {0.53}	1.4 {0.40}				
	0.02	4.7 {1.3}	4.2 {1.2}	3.5 {1.0}	2.8 {0.79}	2.1 {0.61}	1.6 {0.46}				
	0.04	6.5 {1.9}	5.9 {1.7}	4.8 {1.4}	3.8 {1.1}	2.9 {0.83}	2.1 {0.60}				
SEV-1005DY	0.01	3.31 {0.9}	3.02 {0.9}	2.5 {0.70}	2.0 {0.56}	1.5 {0.44}	1.2 {0.33}				
	0.015	4.0 {1.2}	3.7 {1.0}	3.0 {0.86}	2.4 {0.69}	1.9 {0.53}	1.4 {0.40}				
	0.02	4.7 {1.3}	4.2 {1.2}	3.5 {1.0}	2.8 {0.79}	2.1 {0.61}	1.6 {0.46}				
	0.04	6.5 {1.9}	5.9 {1.7}	4.8 {1.4}	3.8 {1.1}	2.9 {0.83}	2.1 {0.60}				
SEV-1205DY	0.01	5.8 {1.6}	5.3 {1.5}	4.3 {1.2}	3.47 {0.99}	2.7 {0.77}	2.1 {0.59}				
	0.015	7.1 {2.0}	6.4 {1.8}	5.3 {1.5}	4.2 {1.2}	3.3 {0.94}	2.5 {0.71}				
	0.02	8.2 {2.3}	7.4 {2.1}	6.1 {1.7}	4.8 {1.4}	3.8 {1.1}	2.8 {0.80}				
	0.04	11.4 {3}	10.4 {3}	8.4 {2.4}	6.7 {1.9}	5.1 {1.5}	3.7 {1.1}				
SEV-1506DY	0.01	8.8 {2.5}	8.0 {2.3}	6.5 {1.9}	5.2 {1.5}	4.1 {1.2}	3.1 {0.89}				
	0.015	10.7 {3}	9.8 {2.8}	8.0 {2.3}	6.4 {1.8}	5.0 {1.4}	3.8 {1.1}				
	0.02	12.4 {4}	11.2 {3}	9.2 {2.6}	7.3 {2.1}	5.7 {1.6}	4.3 {1.2}				
	0.04	17.3 {5}	15.7 {4}	13 {3.6}	10 {2.9}	7.7 {2.2}	5.6 {1.6}				
SEV-1507DY	0.01	8.8 {2.5}	8.0 {2.3}	6.5 {1.9}	5.2 {1.5}	4.1 {1.2}	3.1 {0.89}				
	0.015	10.7 {3}	9.8 {2.8}	8.0 {2.3}	6.4 {1.8}	5.0 {1.4}	3.8 {1.1}				
	0.02	12.4 {4}	11.2 {3}	9.2 {2.6}	7.3 {2.1}	5.7 {1.6}	4.3 {1.2}				
	0.04	17.3 {5}	15.7 {4}	13 {3.6}	10 {2.9}	7.7 {2.2}	5.6 {1.6}				

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 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.52 {0.15}	0.48 {0.14}	0.40 {0.11}	0.35 {0.10}	0.33 {0.095}	0.27 {0.077}				
	0.015	0.63 {0.18}	0.58 {0.17}	0.49 {0.14}	0.42 {0.12}	0.41 {0.12}	0.33 {0.094}				
	0.02	0.73 {0.21}	0.67 {0.19}	0.57 {0.16}	0.49 {0.14}	0.47 {0.13}	0.38 {0.11}				
	0.04	1.0 {0.29}	0.94 {0.27}	0.79 {0.23}	0.68 {0.19}	0.65 {0.19}	0.53 {0.15}				
SEV-502BY	0.01	1.1 {0.30}	0.97 {0.28}	0.82 {0.23}	0.71 {0.20}	0.68 {0.19}	0.55 {0.16}				
	0.015	1.3 {0.37}	1.2 {0.34}	1.0 {0.29}	0.86 {0.25}	0.83 {0.24}	0.67 {0.19}				
	0.02	1.5 {0.42}	1.4 {0.39}	1.2 {0.33}	0.99 {0.28}	0.96 {0.27}	0.77 {0.22}				
	0.04	2.1 {0.59}	1.9 {0.55}	1.6 {0.46}	1.4 {0.40}	1.3 {0.38}	1.1 {0.30}				
SEV-603BY	0.01	1.7 {0.47}	1.5 {0.43}	1.3 {0.37}	1.1 {0.32}	1.1 {0.30}	0.87 {0.25}				
	0.015	2.0 {0.57}	1.9 {0.53}	1.6 {0.45}	1.4 {0.39}	1.3 {0.37}	1.1 {0.30}				
	0.02	2.3 {0.66}	2.1 {0.61}	1.8 {0.52}	1.6 {0.44}	1.5 {0.43}	1.2 {0.34}				
	0.04	3.3 {0.93}	3.0 {0.86}	2.5 {0.72}	2.2 {0.62}	2.1 {0.60}	1.7 {0.48}				
SEV-1004BY	0.01	3.6 {1.0}	3.3 {0.95}	2.8 {0.80}	2.4 {0.69}	2.3 {0.66}	1.9 {0.54}				
	0.015	4.4 {1.3}	4.1 {1.2}	3.4 {0.98}	3.0 {0.84}	2.8 {0.81}	2.3 {0.66}				
	0.02	5.1 {1.4}	4.7 {1.3}	4.0 {1.1}	3.4 {0.97}	3.3 {0.93}	2.7 {0.75}				
	0.04	7.2 {2.0}	6.6 {1.9}	5.6 {1.6}	4.8 {1.4}	4.6 {1.3}	3.7 {1.0}				
SEV-1205BY	0.01	6.0 {1.7}	5.5 {1.6}	4.7 {1.3}	4.0 {1.1}	3.9 {1.1}	3.1 {0.89}				
	0.015	7.3 {2.1}	6.8 {1.9}	5.7 {1.6}	4.9 {1.4}	4.7 {1.3}	3.8 {1.1}				
	0.02	8.4 {2.4}	7.8 {2.2}	6.6 {1.9}	5.7 {1.6}	5.4 {1.5}	4.4 {1.2}				
	0.04	12 {3.4}	11 {3.1}	9.2 {2.6}	7.9 {2.2}	7.6 {2.2}	6.1 {1.7}				
SEV-1506BY	0.01	9.3 {2.6}	8.6 {2.4}	7.2 {2.1}	6.2 {1.8}	6.0 {1.7}	4.9 {1.4}				
	0.015	11 {3.2}	10 {3.0}	8.9 {2.5}	7.6 {2.2}	7.3 {2.1}	5.9 {1.7}				
	0.02	13 {3.7}	12 {3.4}	10 {2.9}	8.8 {2.5}	8.4 {2.4}	6.8 {1.9}				
	0.04	18 {5.2}	17 {4.8}	14 {4.1}	12 {3.5}	12 {3.3}	9.5 {2.7}				
SEV-303DY	0.01	0.52 {0.15}	0.48 {0.14}	0.40 {0.11}	0.35 {0.099}	0.33 {0.095}	0.27 {0.077}				
	0.015	0.63 {0.18}	0.58 {0.17}	0.49 {0.14}	0.42 {0.12}	0.41 {0.12}	0.33 {0.094}				
	0.02	0.73 {0.21}	0.67 {0.19}	0.57 {0.16}	0.49 {0.14}	0.47 {0.13}	0.38 {0.11}				
	0.04	1.0 {0.29}	0.94 {0.27}	0.79 {0.23}	0.68 {0.19}	0.65 {0.19}	0.53 {0.15}				
SEV-502DY	0.01	1.1 {0.31}	1.0 {0.29}	0.85 {0.24}	0.74 {0.21}	0.71 {0.20}	0.57 {0.16}				
	0.015	1.3 {0.38}	1.2 {0.35}	1.0 {0.30}	0.90 {0.26}	0.86 {0.25}	0.70 {0.20}				
	0.02	1.5 {0.44}	1.4 {0.40}	1.2 {0.34}	1.0 {0.29}	0.99 {0.28}	0.80 {0.23}				
	0.04	2.2 {0.62}	2.0 {0.57}	1.7 {0.48}	1.4 {0.41}	1.4 {0.39}	1.11 {0.32}				
SEV-603DY	0.01	1.7 {0.49}	1.6 {0.45}	1.3 {0.38}	1.2 {0.33}	1.1 {0.31}	0.90 {0.26}				
	0.015	2.1 {0.60}	1.9 {0.55}	1.6 {0.46}	1.4 {0.40}	1.4 {0.38}	1.1 {0.31}				
	0.02	2.4 {0.69}	2.2 {0.63}	1.9 {0.54}	1.6 {0.46}	1.6 {0.44}	1.3 {0.36}				
	0.04	3.4 {0.97}	3.1 {0.89}	2.6 {0.75}	2.3 {0.64}	2.2 {0.62}	1.7 {0.50}				
SEV-604DY	0.01	1.7 {0.49}	1.6 {0.45}	1.3 {0.38}	1.2 {0.33}	1.1 {0.31}	0.9 {0.26}				
	0.015	2.1 {0.60}	1.9 {0.55}	1.6 {0.46}	1.4 {0.40}	1.4 {0.38}	1.1 {0.31}				
	0.02	2.4 {0.69}	2.2 {0.63}	1.9 {0.54}	1.6 {0.46}	1.6 {0.44}	1.3 {0.36}				
	0.04	3.4 {1.0}	3.1 {0.89}	2.6 {0.75}	2.3 {0.64}	2.2 {0.62}	1.7 {0.50}				
SEV-1004DY	0.01	4.1 {1.2}	3.8 {1.1}	3.2 {0.92}	2.8 {0.79}	2.7 {0.76}	2.2 {0.62}				
	0.015	5.1 {1.4}	4.7 {1.3}	3.9 {1.1}	3.4 {0.96}	3.3 {0.93}	2.6 {0.75}				
	0.02	5.8 {1.7}	5.4 {1.5}	4.5 {1.3}	3.9 {1.1}	3.7 {1.1}	3.0 {0.86}				
	0.04	8.2 {2.3}	7.5 {2.1}	6.4 {1.8}	5.4 {1.5}	5.2 {1.5}	4.2 {1.20}				
SEV-1005DY	0.01	4.1 {1.2}	3.8 {1.1}	3.2 {0.92}	2.8 {0.79}	2.7 {0.8}	2.2 {0.62}				
	0.015	5.1 {1.4}	4.7 {1.3}	3.9 {1.1}	3.4 {0.96}	3.3 {0.9}	2.6 {0.75}				
	0.02	5.8 {1.7}	5.4 {1.5}	4.5 {1.3}	3.9 {1.1}	3.7 {1.1}	3.0 {0.86}				
	0.04	8.2 {2.3}	7.5 {2.1}	6.4 {1.8}	5.4 {1.5}	5.2 {1.5}	4.2 {1.2}				
SEV-1205DY	0.01	7.2 {2.1}	6.7 {1.9}	5.6 {1.6}	4.9 {1.4}	4.7 {1.3}	3.8 {1.1}				
	0.015	8.8 {2.5}	8.2 {2.3}	6.9 {2.0}	5.9 {1.7}	5.7 {1.6}	4.6 {1.3}				
	0.02	10 {2.9}	9.4 {2.7}	7.9 {2.3}	6.8 {1.9}	6.6 {1.9}	5.3 {1.5}				
	0.04	14 {4.1}	13 {3.8}	11 {3.2}	9.5 {2.7}	9.2 {2.6}	7.4 {2.1}				
SEV-1506DY	0.01	11 {3.1}	10 {2.9}	8.5 {2.4}	7.4 {2.1}	7.1 {2.0}	5.7 {1.6}				
	0.015	13 {3.8}	12 {3.5}	10 {3.0}	9.0 {2.6}	8.6 {2.5}	7.0 {2.0}				
	0.02	15 {4.4}	14 {4.0}	12 {3.4}	10 {2.9}	9.9 {2.8}	8.0 {2.3}				
	0.04	22 {6.2}	20 {5.7}	17 {4.8}	14 {4.1}	14 {3.9}	11 {3.2}				
SEV-1507DY	0.01	11 {3.1}	10 {2.9}	8.5 {2.4}	7.4 {2.1}	7.1 {2.0}	5.7 {1.6}				
	0.015	13 {3.8}	12 {3.5}	10 {3.0}	9.0 {2.6}	8.6 {2.5}	7.0 {2.0}				
	0.02	15 {4.4}	14 {4.0}	12 {3.4}	10 {2.9}	9.9 {2.8}	8.0 {2.3}				
	0.04	22 {6.2}	20 {5.7}	17 {4.8}	14 {4.1}	14 {3.9}	11 {3.2}				

吸入气体管道能力

CT. 38°C, 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}									
		R448A									
		蒸发温度 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.41 {0.12}	0.37 {0.11}	0.31 {0.087}	0.25 {0.07}	0.19 {0.055}	0.15 {0.042}				
	0.015	0.50 {0.14}	0.46 {0.13}	0.37 {0.11}	0.30 {0.09}	0.24 {0.067}	0.18 {0.051}				
	0.02	0.58 {0.16}	0.53 {0.15}	0.43 {0.12}	0.35 {0.10}	0.27 {0.077}	0.20 {0.058}				
	0.04	0.81 {0.23}	0.74 {0.21}	0.60 {0.17}	0.48 {0.14}	0.37 {0.11}	0.27 {0.078}				
SEV-502BY	0.01	0.83 {0.24}	0.76 {0.22}	0.63 {0.18}	0.50 {0.14}	0.40 {0.11}	0.30 {0.086}				
	0.015	1.0 {0.29}	0.93 {0.26}	0.76 {0.22}	0.61 {0.17}	0.48 {0.14}	0.37 {0.10}				
	0.02	1.2 {0.33}	1.1 {0.30}	0.88 {0.25}	0.71 {0.20}	0.55 {0.16}	0.42 {0.12}				
	0.04	1.6 {0.47}	1.5 {0.43}	1.2 {0.35}	0.98 {0.3}	0.75 {0.21}	0.56 {0.16}				
SEV-603BY	0.01	1.3 {0.37}	1.2 {0.34}	0.98 {0.28}	0.79 {0.2}	0.62 {0.18}	0.48 {0.14}				
	0.015	1.6 {0.46}	1.5 {0.42}	1.2 {0.34}	0.96 {0.3}	0.76 {0.21}	0.58 {0.16}				
	0.02	1.8 {0.52}	1.7 {0.48}	1.4 {0.39}	1.1 {0.3}	0.87 {0.25}	0.65 {0.19}				
	0.04	2.6 {0.74}	2.4 {0.67}	1.9 {0.55}	1.5 {0.4}	1.2 {0.3}	0.87 {0.25}				
SEV-1004BY	0.01	2.9 {0.81}	2.6 {0.74}	2.1 {0.61}	1.7 {0.5}	1.4 {0.4}	1.0 {0.30}				
	0.015	3.5 {1.0}	3.2 {0.91}	2.6 {0.75}	2.1 {0.6}	1.7 {0.5}	1.3 {0.36}				
	0.02	4.0 {1.1}	3.7 {1.0}	3.0 {0.86}	2.4 {0.7}	1.9 {0.5}	1.4 {0.41}				
	0.04	5.7 {1.6}	5.2 {1.5}	4.2 {1.2}	3.4 {1.0}	2.6 {0.7}	1.9 {0.54}				
SEV-1205BY	0.01	4.7 {1.3}	4.3 {1.2}	3.6 {1.0}	2.9 {0.8}	2.3 {0.6}	1.7 {0.49}				
	0.015	5.8 {1.6}	5.3 {1.5}	4.3 {1.2}	3.5 {1.0}	2.7 {0.8}	2.1 {0.59}				
	0.02	6.7 {1.9}	6.1 {1.7}	5.0 {1.4}	4.0 {1.1}	3.1 {0.9}	2.4 {0.68}				
	0.04	9.4 {2.7}	8.5 {2.4}	7.0 {2.0}	5.6 {1.6}	4.3 {1.2}	3.2 {0.90}				
SEV-1506BY	0.01	7.4 {2.1}	6.7 {1.9}	5.5 {1.6}	4.4 {1.3}	3.5 {1.0}	2.7 {0.76}				
	0.015	9.0 {2.6}	8.2 {2.3}	6.7 {1.9}	5.4 {1.5}	4.3 {1.2}	3.2 {0.92}				
	0.02	10 {2.9}	9.5 {2.7}	7.8 {2.2}	6.2 {1.8}	4.9 {1.4}	3.7 {1.0}				
	0.04	15 {4.1}	13 {3.8}	11 {3.1}	8.6 {2.4}	6.7 {1.9}	4.9 {1.4}				
SEV-303DY	0.01	0.41 {0.12}	0.37 {0.11}	0.31 {0.087}	0.25 {0.07}	0.19 {0.055}	0.15 {0.042}				
	0.015	0.50 {0.14}	0.46 {0.13}	0.37 {0.11}	0.30 {0.086}	0.24 {0.067}	0.18 {0.051}				
	0.02	0.58 {0.16}	0.53 {0.15}	0.43 {0.12}	0.35 {0.098}	0.27 {0.077}	0.20 {0.058}				
	0.04	0.81 {0.23}	0.74 {0.21}	0.60 {0.17}	0.48 {0.14}	0.37 {0.11}	0.27 {0.078}				
SEV-502DY	0.01	0.87 {0.25}	0.79 {0.23}	0.65 {0.19}	0.52 {0.15}	0.41 {0.12}	0.32 {0.090}				
	0.015	1.1 {0.30}	0.97 {0.28}	0.79 {0.23}	0.64 {0.18}	0.50 {0.14}	0.38 {0.11}				
	0.02	1.2 {0.35}	1.1 {0.32}	0.91 {0.26}	0.73 {0.21}	0.57 {0.16}	0.43 {0.12}				
	0.04	1.7 {0.49}	1.6 {0.44}	1.3 {0.36}	1.0 {0.3}	0.78 {0.22}	0.58 {0.16}				
SEV-603DY	0.01	1.4 {0.39}	1.2 {0.35}	1.0 {0.29}	0.82 {0.23}	0.65 {0.18}	0.49 {0.14}				
	0.015	1.7 {0.47}	1.5 {0.43}	1.2 {0.35}	1.0 {0.28}	0.78 {0.22}	0.60 {0.17}				
	0.02	1.9 {0.54}	1.7 {0.50}	1.4 {0.41}	1.1 {0.33}	0.90 {0.26}	0.68 {0.19}				
	0.04	2.7 {0.76}	2.4 {0.69}	2.0 {0.57}	1.6 {0.45}	1.23 {0.35}	0.91 {0.26}				
SEV-604DY	0.01	1.4 {0.39}	1.2 {0.35}	1.0 {0.29}	0.82 {0.23}	0.65 {0.18}	0.49 {0.14}				
	0.015	1.7 {0.47}	1.5 {0.43}	1.2 {0.35}	1.0 {0.28}	0.78 {0.22}	0.60 {0.17}				
	0.02	1.9 {0.54}	1.7 {0.50}	1.4 {0.41}	1.1 {0.33}	0.90 {0.26}	0.68 {0.19}				
	0.04	2.7 {0.76}	2.4 {0.69}	2.0 {0.57}	1.6 {0.45}	1.2 {0.35}	0.91 {0.26}				
SEV-1004DY	0.01	3.3 {0.93}	3.0 {0.85}	2.5 {0.70}	2.0 {0.56}	1.6 {0.44}	1.2 {0.34}				
	0.015	4.0 {1.1}	3.7 {1.0}	3.0 {0.85}	2.4 {0.69}	1.9 {0.54}	1.4 {0.41}				
	0.02	4.6 {1.3}	4.2 {1.2}	3.4 {0.98}	2.8 {0.79}	2.2 {0.62}	1.6 {0.47}				
	0.04	6.5 {1.8}	5.9 {1.7}	4.8 {1.37}	3.8 {1.1}	3.0 {0.84}	2.2 {0.62}				
SEV-1005DY	0.01	3.3 {0.93}	3.0 {0.8}	2.5 {0.70}	2.0 {0.56}	1.6 {0.44}	1.2 {0.34}				
	0.015	4.0 {1.1}	3.7 {1.0}	3.0 {0.85}	2.4 {0.69}	1.9 {0.54}	1.4 {0.41}				
	0.02	4.6 {1.3}	4.2 {1.2}	3.4 {0.98}	2.8 {0.79}	2.2 {0.62}	1.6 {0.47}				
	0.04	6.5 {1.8}	5.9 {1.7}	4.8 {1.4}	3.8 {1.1}	3.0 {0.84}	2.2 {0.62}				
SEV-1205DY	0.01	5.7 {1.6}	5.2 {1.5}	4.3 {1.2}	3.5 {1.0}	2.7 {0.77}	2.1 {0.59}				
	0.015	7.0 {2.0}	6.4 {1.8}	5.2 {1.5}	4.2 {1.2}	3.3 {0.94}	2.5 {0.72}				
	0.02	8.1 {2.3}	7.4 {2.1}	6.0 {1.7}	4.8 {1.4}	3.8 {1.1}	2.9 {0.81}				
	0.04	11 {3.2}	10 {2.9}	8.4 {2.4}	6.7 {1.9}	5.2 {1.5}	3.8 {1.1}				
SEV-1506DY	0.01	8.7 {2.5}	7.9 {2.3}	6.5 {1.9}	5.2 {1.5}	4.1 {1.2}	3.2 {0.9}				
	0.015	11 {3.0}	9.7 {2.8}	7.9 {2.3}	6.4 {1.8}	5.0 {1.4}	3.8 {1.1}				
	0.02	12 {3.5}	11 {3.2}	9.1 {2.6}	7.3 {2.1}	5.7 {1.6}	4.3 {1.2}				
	0.04	17 {4.9}	16 {4.4}	13 {3.6}	10 {2.9}	7.8 {2.2}	5.8 {1.6}				
SEV-1507DY	0.01	8.7 {2.5}	7.9 {2.3}	6.5 {1.9}	5.2 {1.5}	4.1 {1.2}	3.2 {0.9}				
	0.015	11 {3.0}	9.7 {2.8}	7.9 {2.3}	6.4 {1.8}	5.0 {1.4}	3.8 {1.1}				
	0.02	12 {3.5}	11 {3.2}	9.1 {2.6}	7.3 {2.1}	5.7 {1.6}	4.3 {1.2}				
	0.04	17 {4.9}	16 {4.4}	13 {3.6}	10 {2.9}	7.8 {2.2}	5.8 {1.6}				

吸入气体管道能力

CT. 38°C, 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}									
		R449A									
		蒸发温度 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.41 {0.12}	0.37 {0.11}	0.30 {0.086}	0.24 {0.070}	0.19 {0.055}	0.15 {0.042}				
	0.015	0.50 {0.14}	0.45 {0.13}	0.37 {0.11}	0.30 {0.085}	0.23 {0.067}	0.18 {0.051}				
	0.02	0.57 {0.16}	0.52 {0.15}	0.43 {0.12}	0.34 {0.10}	0.27 {0.076}	0.20 {0.058}				
	0.04	0.80 {0.23}	0.73 {0.21}	0.60 {0.17}	0.47 {0.13}	0.37 {0.10}	0.27 {0.077}				
SEV-502BY	0.01	0.83 {0.24}	0.76 {0.21}	0.62 {0.18}	0.50 {0.14}	0.39 {0.11}	0.30 {0.085}				
	0.015	1.0 {0.29}	0.92 {0.26}	0.76 {0.22}	0.61 {0.17}	0.48 {0.14}	0.36 {0.10}				
	0.02	1.2 {0.33}	1.1 {0.30}	0.87 {0.25}	0.70 {0.20}	0.55 {0.16}	0.41 {0.12}				
	0.04	1.6 {0.46}	1.5 {0.42}	1.2 {0.35}	0.97 {0.28}	0.75 {0.21}	0.55 {0.16}				
SEV-603BY	0.01	1.3 {0.37}	1.2 {0.34}	0.97 {0.28}	0.78 {0.22}	0.62 {0.18}	0.47 {0.13}				
	0.015	1.6 {0.45}	1.4 {0.41}	1.2 {0.34}	0.96 {0.27}	0.75 {0.21}	0.57 {0.16}				
	0.02	1.8 {0.52}	1.7 {0.47}	1.4 {0.39}	1.1 {0.31}	0.86 {0.24}	0.65 {0.18}				
	0.04	2.6 {0.73}	2.3 {0.66}	1.9 {0.54}	1.5 {0.43}	1.2 {0.33}	0.87 {0.25}				
SEV-1004BY	0.01	2.8 {0.81}	2.6 {0.74}	2.1 {0.61}	1.7 {0.49}	1.3 {0.38}	1.0 {0.29}				
	0.015	3.5 {0.99}	3.2 {0.90}	2.6 {0.74}	2.1 {0.59}	1.6 {0.47}	1.2 {0.35}				
	0.02	4.0 {1.1}	3.6 {1.0}	3.0 {0.85}	2.4 {0.68}	1.9 {0.53}	1.4 {0.40}				
	0.04	5.6 {1.6}	5.1 {1.5}	4.2 {1.2}	3.3 {0.94}	2.6 {0.73}	1.9 {0.54}				
SEV-1205BY	0.01	4.7 {1.3}	4.3 {1.2}	3.5 {1.0}	2.8 {0.81}	2.2 {0.64}	1.7 {0.49}				
	0.015	5.8 {1.6}	5.2 {1.5}	4.3 {1.2}	3.5 {0.98}	2.7 {0.77}	2.1 {0.59}				
	0.02	6.6 {1.9}	6.0 {1.7}	5.0 {1.4}	4.0 {1.1}	3.1 {0.88}	2.4 {0.67}				
	0.04	9.3 {2.6}	8.5 {2.4}	6.9 {2.0}	5.5 {1.6}	4.2 {1.2}	3.1 {0.89}				
SEV-1506BY	0.01	7.3 {2.1}	6.7 {1.9}	5.5 {1.6}	4.4 {1.3}	3.47 {1.0}	2.7 {0.75}				
	0.015	8.9 {2.5}	8.1 {2.3}	6.7 {1.9}	5.4 {1.5}	4.2 {1.2}	3.2 {0.91}				
	0.02	10 {2.9}	9.4 {2.7}	7.7 {2.2}	6.2 {1.8}	4.8 {1.4}	3.7 {1.0}				
	0.04	14 {4.1}	13 {3.7}	11 {3.0}	8.5 {2.4}	6.6 {1.9}	4.9 {1.4}				
SEV-303DY	0.01	0.41 {0.12}	0.37 {0.11}	0.30 {0.086}	0.24 {0.070}	0.19 {0.055}	0.15 {0.042}				
	0.015	0.50 {0.14}	0.45 {0.13}	0.37 {0.11}	0.30 {0.085}	0.23 {0.067}	0.18 {0.051}				
	0.02	0.57 {0.16}	0.52 {0.15}	0.43 {0.12}	0.34 {0.10}	0.27 {0.076}	0.20 {0.058}				
	0.04	0.80 {0.23}	0.73 {0.21}	0.60 {0.17}	0.47 {0.13}	0.37 {0.10}	0.27 {0.077}				
SEV-502DY	0.01	0.86 {0.24}	0.78 {0.22}	0.64 {0.18}	0.52 {0.15}	0.41 {0.12}	0.31 {0.089}				
	0.015	1.1 {0.30}	0.96 {0.27}	0.79 {0.22}	0.63 {0.18}	0.50 {0.14}	0.38 {0.11}				
	0.02	1.2 {0.34}	1.1 {0.31}	0.91 {0.26}	0.73 {0.21}	0.57 {0.16}	0.43 {0.12}				
	0.04	1.7 {0.48}	1.5 {0.44}	1.3 {0.36}	1.0 {0.29}	0.78 {0.22}	0.57 {0.16}				
SEV-603DY	0.01	1.3 {0.38}	1.2 {0.35}	1.0 {0.29}	0.81 {0.23}	0.64 {0.18}	0.49 {0.14}				
	0.015	1.6 {0.47}	1.5 {0.43}	1.2 {0.35}	0.99 {0.28}	0.78 {0.22}	0.59 {0.17}				
	0.02	1.9 {0.54}	1.7 {0.49}	1.4 {0.40}	1.1 {0.32}	0.89 {0.25}	0.67 {0.19}				
	0.04	2.7 {0.76}	2.4 {0.69}	2.0 {0.56}	1.6 {0.45}	1.2 {0.35}	0.90 {0.26}				
SEV-604DY	0.01	1.3 {0.38}	1.2 {0.35}	1.0 {0.29}	0.81 {0.23}	0.64 {0.18}	0.49 {0.14}				
	0.015	1.6 {0.47}	1.5 {0.43}	1.2 {0.35}	0.99 {0.28}	0.78 {0.22}	0.59 {0.17}				
	0.02	1.9 {0.54}	1.7 {0.49}	1.4 {0.40}	1.1 {0.32}	0.89 {0.25}	0.67 {0.19}				
	0.04	2.7 {0.76}	2.4 {0.69}	2.0 {0.56}	1.6 {0.45}	1.2 {0.35}	0.90 {0.26}				
SEV-1004DY	0.01	3.2 {0.92}	3.0 {0.84}	2.4 {0.69}	2.0 {0.56}	1.5 {0.44}	1.2 {0.34}				
	0.015	4.0 {1.1}	3.6 {1.0}	3.0 {0.84}	2.4 {0.68}	1.9 {0.53}	1.4 {0.40}				
	0.02	4.6 {1.3}	4.2 {1.2}	3.4 {0.97}	2.7 {0.78}	2.1 {0.61}	1.6 {0.46}				
	0.04	6.4 {1.8}	5.8 {1.7}	4.8 {1.4}	3.8 {1.1}	2.9 {0.83}	2.2 {0.62}				
SEV-1005DY	0.01	3.2 {0.92}	3.0 {0.84}	2.4 {0.69}	2.0 {0.56}	1.5 {0.44}	1.2 {0.34}				
	0.015	4.0 {1.1}	3.6 {1.0}	3.0 {0.84}	2.4 {0.68}	1.9 {0.53}	1.4 {0.40}				
	0.02	4.6 {1.3}	4.2 {1.2}	3.4 {0.97}	2.7 {0.78}	2.1 {0.61}	1.6 {0.46}				
	0.04	6.4 {1.8}	5.8 {1.7}	4.8 {1.4}	3.8 {1.1}	2.9 {0.83}	2.2 {0.62}				
SEV-1205DY	0.01	5.7 {1.6}	5.2 {1.5}	4.3 {1.2}	3.4 {0.98}	2.7 {0.77}	2.1 {0.59}				
	0.015	6.9 {2.0}	6.3 {1.8}	5.2 {1.5}	4.2 {1.2}	3.3 {0.93}	2.5 {0.71}				
	0.02	8.0 {2.3}	7.3 {2.1}	6.0 {1.7}	4.8 {1.4}	3.8 {1.1}	2.8 {0.81}				
	0.04	11 {3.2}	10 {2.9}	8.3 {2.4}	6.6 {1.9}	5.1 {1.5}	3.8 {1.1}				
SEV-1506DY	0.01	8.6 {2.4}	7.8 {2.2}	6.4 {1.8}	5.2 {1.5}	4.1 {1.2}	3.1 {0.89}				
	0.015	11 {3.0}	9.6 {2.7}	7.9 {2.2}	6.3 {1.8}	5.0 {1.4}	3.8 {1.1}				
	0.02	12 {3.4}	11 {3.1}	9.1 {2.6}	7.3 {2.1}	5.7 {1.6}	4.3 {1.2}				
	0.04	17 {4.8}	15 {4.4}	13 {3.6}	10 {2.9}	7.8 {2.2}	5.7 {1.6}				
SEV-1507DY	0.01	8.6 {2.4}	7.8 {2.2}	6.4 {1.8}	5.2 {1.5}	4.1 {1.2}	3.1 {0.89}				
	0.015	11 {3.0}	9.6 {2.7}	7.9 {2.2}	6.3 {1.8}	5.0 {1.4}	3.8 {1.1}				
	0.02	12 {3.4}	11 {3.1}	9.1 {2.6}	7.3 {2.1}	5.7 {1.6}	4.3 {1.2}				
	0.04	17 {4.8}	15 {4.4}	13 {3.6}	10 {2.9}	7.8 {2.2}	5.7 {1.6}				



吸入气体管道能力

CT. 38°C, 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}									
		R407H									
		蒸发温度 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.45 {0.13}	0.41 {0.12}	0.34 {0.095}	0.27 {0.077}	0.21 {0.060}	0.16 {0.046}				
	0.015	0.54 {0.15}	0.50 {0.14}	0.41 {0.12}	0.33 {0.094}	0.26 {0.073}	0.20 {0.056}				
	0.02	0.63 {0.18}	0.57 {0.16}	0.47 {0.13}	0.38 {0.11}	0.30 {0.084}	0.22 {0.063}				
	0.04	0.88 {0.25}	0.80 {0.23}	0.65 {0.19}	0.52 {0.15}	0.40 {0.11}	0.30 {0.084}				
SEV-502BY	0.01	0.91 {0.26}	0.83 {0.24}	0.68 {0.19}	0.55 {0.16}	0.43 {0.12}	0.33 {0.094}				
	0.015	1.1 {0.32}	1.0 {0.29}	0.83 {0.24}	0.67 {0.19}	0.53 {0.15}	0.40 {0.11}				
	0.02	1.3 {0.36}	1.2 {0.33}	0.96 {0.27}	0.77 {0.22}	0.60 {0.17}	0.46 {0.13}				
	0.04	1.8 {0.51}	1.6 {0.46}	1.3 {0.38}	1.1 {0.30}	0.82 {0.23}	0.60 {0.17}				
SEV-603BY	0.01	1.4 {0.41}	1.3 {0.37}	1.1 {0.30}	0.86 {0.25}	0.68 {0.19}	0.52 {0.15}				
	0.015	1.7 {0.50}	1.6 {0.45}	1.3 {0.37}	1.1 {0.30}	0.83 {0.23}	0.63 {0.18}				
	0.02	2.0 {0.57}	1.8 {0.52}	1.5 {0.43}	1.2 {0.34}	0.95 {0.27}	0.71 {0.20}				
	0.04	2.8 {0.80}	2.6 {0.73}	2.1 {0.60}	1.7 {0.47}	1.3 {0.37}	0.95 {0.27}				
SEV-1004BY	0.01	3.1 {0.89}	2.8 {0.81}	2.3 {0.67}	1.9 {0.54}	1.5 {0.42}	1.1 {0.32}				
	0.015	3.8 {1.1}	3.5 {0.99}	2.9 {0.81}	2.3 {0.65}	1.8 {0.51}	1.4 {0.39}				
	0.02	4.4 {1.2}	4.0 {1.1}	3.3 {0.94}	2.6 {0.75}	2.1 {0.59}	1.6 {0.44}				
	0.04	6.2 {1.8}	5.6 {1.6}	4.6 {1.3}	3.7 {1.0}	2.8 {0.80}	2.1 {0.59}				
SEV-1205BY	0.01	5.2 {1.5}	4.7 {1.3}	3.9 {1.1}	3.1 {0.89}	2.5 {0.70}	1.9 {0.54}				
	0.015	6.3 {1.8}	5.8 {1.6}	4.7 {1.3}	3.8 {1.1}	3.0 {0.85}	2.3 {0.65}				
	0.02	7.3 {2.1}	6.6 {1.9}	5.5 {1.6}	4.4 {1.2}	3.4 {1.0}	2.6 {0.74}				
	0.04	10 {2.9}	9.3 {2.6}	7.6 {2.2}	6.1 {1.7}	4.7 {1.3}	3.4 {0.97}				
SEV-1506BY	0.01	8.0 {2.3}	7.3 {2.1}	6.0 {1.7}	4.9 {1.4}	3.8 {1.1}	2.9 {0.83}				
	0.015	9.8 {2.8}	8.9 {2.5}	7.4 {2.1}	5.9 {1.7}	4.6 {1.3}	3.5 {1.0}				
	0.02	11 {3.2}	10 {2.9}	8.5 {2.4}	6.8 {1.9}	5.3 {1.5}	4.0 {1.1}				
	0.04	16 {4.5}	14 {4.1}	12 {3.3}	9.4 {2.7}	7.2 {2.1}	5.3 {1.5}				
SEV-303DY	0.01	0.45 {0.13}	0.41 {0.12}	0.34 {0.095}	0.27 {0.077}	0.21 {0.060}	0.16 {0.046}				
	0.015	0.54 {0.15}	0.50 {0.14}	0.41 {0.12}	0.33 {0.094}	0.26 {0.073}	0.20 {0.056}				
	0.02	0.63 {0.18}	0.57 {0.16}	0.47 {0.13}	0.38 {0.11}	0.30 {0.084}	0.22 {0.063}				
	0.04	0.88 {0.25}	0.80 {0.23}	0.65 {0.19}	0.52 {0.15}	0.40 {0.11}	0.30 {0.084}				
SEV-502DY	0.01	0.94 {0.27}	0.86 {0.25}	0.71 {0.20}	0.57 {0.16}	0.45 {0.13}	0.35 {0.10}				
	0.015	1.2 {0.33}	1.1 {0.3}	0.87 {0.25}	0.70 {0.20}	0.55 {0.16}	0.42 {0.12}				
	0.02	1.3 {0.38}	1.2 {0.3}	1.0 {0.28}	0.80 {0.23}	0.63 {0.18}	0.47 {0.13}				
	0.04	1.9 {0.53}	1.7 {0.5}	1.4 {0.39}	1.1 {0.3}	0.85 {0.24}	0.63 {0.18}				
SEV-603DY	0.01	1.5 {0.42}	1.4 {0.4}	1.1 {0.32}	0.90 {0.26}	0.71 {0.20}	0.54 {0.15}				
	0.015	1.8 {0.51}	1.7 {0.5}	1.4 {0.39}	1.1 {0.31}	0.86 {0.24}	0.65 {0.19}				
	0.02	2.1 {0.59}	1.9 {0.5}	1.6 {0.44}	1.3 {0.36}	0.98 {0.28}	0.74 {0.21}				
	0.04	2.9 {0.83}	2.7 {0.8}	2.2 {0.62}	1.7 {0.49}	1.3 {0.38}	0.98 {0.28}				
SEV-604DY	0.01	1.5 {0.42}	1.4 {0.4}	1.1 {0.32}	0.90 {0.26}	0.71 {0.20}	0.54 {0.15}				
	0.015	1.8 {0.51}	1.7 {0.5}	1.4 {0.39}	1.1 {0.31}	0.86 {0.24}	0.65 {0.19}				
	0.02	2.1 {0.59}	1.9 {0.5}	1.6 {0.44}	1.3 {0.36}	0.98 {0.28}	0.74 {0.21}				
	0.04	2.9 {0.83}	2.7 {0.76}	2.2 {0.62}	1.7 {0.49}	1.3 {0.38}	0.98 {0.28}				
SEV-1004DY	0.01	3.6 {1.0}	3.3 {0.93}	2.7 {0.76}	2.2 {0.61}	1.7 {0.48}	1.3 {0.37}				
	0.015	4.4 {1.2}	4.0 {1.1}	3.3 {0.93}	2.6 {0.75}	2.1 {0.59}	1.6 {0.45}				
	0.02	5.0 {1.4}	4.6 {1.3}	3.8 {1.1}	3.0 {0.86}	2.4 {0.67}	1.8 {0.51}				
	0.04	7.0 {2.0}	6.4 {1.8}	5.2 {1.5}	4.2 {1.2}	3.2 {0.91}	2.4 {0.67}				
SEV-1005DY	0.01	3.6 {1.0}	3.3 {0.93}	2.7 {0.76}	2.2 {0.61}	1.7 {0.48}	1.3 {0.37}				
	0.015	4.4 {1.2}	4.0 {1.1}	3.3 {0.93}	2.6 {0.75}	2.1 {0.59}	1.6 {0.45}				
	0.02	5.0 {1.4}	4.6 {1.3}	3.8 {1.1}	3.0 {0.86}	2.4 {0.67}	1.8 {0.51}				
	0.04	7.0 {2.0}	6.4 {1.8}	5.2 {1.5}	4.2 {1.2}	3.2 {0.91}	2.4 {0.67}				
SEV-1205DY	0.01	6.2 {1.8}	5.7 {1.6}	4.7 {1.3}	3.8 {1.1}	3.0 {0.85}	2.3 {0.65}				
	0.015	7.6 {2.2}	7.0 {2.0}	5.7 {1.6}	4.6 {1.3}	3.6 {1.0}	2.7 {0.78}				
	0.02	8.8 {2.5}	8.0 {2.3}	6.6 {1.9}	5.3 {1.5}	4.1 {1.2}	3.1 {0.89}				
	0.04	12 {3.5}	11 {3.2}	9.2 {2.6}	7.3 {2.1}	5.6 {1.6}	4.1 {1.2}				
SEV-1506DY	0.01	9.4 {2.7}	8.6 {2.5}	7.1 {2.0}	5.7 {1.6}	4.5 {1.3}	3.5 {0.98}				
	0.015	12 {3.3}	11 {3.0}	8.7 {2.5}	7.0 {2.0}	5.5 {1.6}	4.2 {1.2}				
	0.02	13 {3.8}	12 {3.5}	10 {2.8}	8.0 {2.3}	6.3 {1.8}	4.7 {1.3}				
	0.04	19 {5.3}	17 {4.8}	14 {3.9}	11 {3.1}	8.5 {2.4}	6.3 {1.8}				
SEV-1507DY	0.01	9.4 {2.7}	8.6 {2.5}	7.1 {2.0}	5.7 {1.6}	4.5 {1.3}	3.5 {0.98}				
	0.015	12 {3.3}	11 {3.0}	8.7 {2.5}	7.0 {2.0}	5.5 {1.6}	4.2 {1.2}				
	0.02	13 {3.8}	12 {3.5}	10 {2.8}	8.0 {2.3}	6.3 {1.8}	4.7 {1.3}				
	0.04	19 {5.3}	17 {4.8}	14 {3.9}	11 {3.1}	8.5 {2.4}	6.3 {1.8}				

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 (°C)									
		5	0	-10	-20	-30	-40				
SEV-303BY	0.01	0.48 {0.14}	0.44 {0.12}	0.37 {0.10}	0.30 {0.08}	0.24 {0.07}	0.19 {0.05}				
	0.015	0.58 {0.17}	0.54 {0.15}	0.45 {0.13}	0.36 {0.10}	0.29 {0.08}	0.23 {0.06}				
	0.02	0.67 {0.19}	0.62 {0.18}	0.51 {0.15}	0.42 {0.12}	0.33 {0.09}	0.26 {0.07}				
	0.04	0.95 {0.27}	0.87 {0.25}	0.72 {0.20}	0.58 {0.17}	0.46 {0.13}	0.35 {0.10}				
SEV-502BY	0.01	0.98 {0.28}	0.90 {0.25}	0.75 {0.21}	0.61 {0.17}	0.49 {0.14}	0.38 {0.11}				
	0.015	1.2 {0.34}	1.1 {0.31}	0.91 {0.26}	0.74 {0.21}	0.59 {0.17}	0.46 {0.13}				
	0.02	1.4 {0.39}	1.3 {0.36}	1.1 {0.30}	0.86 {0.24}	0.68 {0.19}	0.53 {0.15}				
	0.04	1.9 {0.55}	1.8 {0.50}	1.5 {0.42}	1.2 {0.34}	0.94 {0.27}	0.72 {0.20}				
SEV-603BY	0.01	1.5 {0.44}	1.4 {0.40}	1.2 {0.33}	0.96 {0.27}	0.76 {0.22}	0.60 {0.17}				
	0.015	1.9 {0.53}	1.7 {0.49}	1.4 {0.41}	1.2 {0.33}	0.93 {0.26}	0.72 {0.21}				
	0.02	2.2 {0.61}	2.0 {0.56}	1.6 {0.47}	1.3 {0.38}	1.1 {0.30}	0.83 {0.24}				
	0.04	3.0 {0.86}	2.8 {0.79}	2.3 {0.66}	1.9 {0.53}	1.5 {0.42}	1.1 {0.32}				
SEV-1004BY	0.01	3.3 {0.95}	3.1 {0.87}	2.6 {0.73}	2.1 {0.59}	1.7 {0.48}	1.3 {0.37}				
	0.015	4.1 {1.2}	3.8 {1.1}	3.1 {0.89}	2.6 {0.73}	2.0 {0.58}	1.6 {0.45}				
	0.02	4.7 {1.3}	4.3 {1.2}	3.6 {1.0}	2.9 {0.83}	2.3 {0.66}	1.8 {0.51}				
	0.04	6.6 {1.9}	6.1 {1.7}	5.0 {1.4}	4.1 {1.2}	3.2 {0.92}	2.5 {0.70}				
SEV-1205BY	0.01	5.5 {1.6}	5.1 {1.4}	4.2 {1.2}	3.5 {1.0}	2.8 {0.79}	2.2 {0.61}				
	0.015	6.8 {1.9}	6.2 {1.8}	5.2 {1.5}	4.2 {1.2}	3.4 {0.96}	2.6 {0.74}				
	0.02	7.8 {2.2}	7.2 {2.0}	6.0 {1.7}	4.9 {1.4}	3.9 {1.1}	3.0 {0.85}				
	0.04	11 {3.1}	10 {2.9}	8.4 {2.4}	6.8 {1.9}	5.4 {1.5}	4.1 {1.2}				
SEV-1506BY	0.01	8.6 {2.4}	7.9 {2.2}	6.6 {1.9}	5.4 {1.5}	4.3 {1.2}	3.3 {1.0}				
	0.015	11 {3.0}	9.7 {2.7}	8.0 {2.3}	6.6 {1.9}	5.2 {1.5}	4.1 {1.2}				
	0.02	12 {3.5}	11 {3.2}	9.3 {2.6}	7.6 {2.1}	6.0 {1.7}	4.6 {1.3}				
	0.04	17 {4.8}	16 {4.4}	13 {3.7}	11 {3.0}	8.3 {2.4}	6.3 {1.8}				
SEV-303DY	0.01	0.48 {0.14}	0.44 {0.12}	0.37 {0.10}	0.30 {0.085}	0.24 {0.068}	0.19 {0.053}				
	0.015	0.58 {0.17}	0.54 {0.15}	0.45 {0.13}	0.36 {0.10}	0.29 {0.083}	0.23 {0.064}				
	0.02	0.67 {0.19}	0.62 {0.18}	0.51 {0.15}	0.42 {0.12}	0.33 {0.095}	0.26 {0.073}				
	0.04	0.95 {0.27}	0.87 {0.25}	0.72 {0.20}	0.58 {0.17}	0.46 {0.13}	0.35 {0.10}				
SEV-502DY	0.01	1.0 {0.29}	0.93 {0.26}	0.78 {0.22}	0.63 {0.18}	0.51 {0.14}	0.39 {0.11}				
	0.015	1.2 {0.35}	1.1 {0.32}	0.95 {0.27}	0.77 {0.22}	0.62 {0.18}	0.48 {0.14}				
	0.02	1.4 {0.41}	1.3 {0.37}	1.1 {0.31}	0.89 {0.25}	0.71 {0.20}	0.55 {0.16}				
	0.04	2.0 {0.57}	1.8 {0.52}	1.5 {0.43}	1.2 {0.35}	0.98 {0.28}	0.74 {0.21}				
SEV-603DY	0.01	1.6 {0.45}	1.5 {0.41}	1.2 {0.35}	0.99 {0.28}	0.79 {0.23}	0.62 {0.18}				
	0.015	1.9 {0.55}	1.8 {0.51}	1.5 {0.42}	1.2 {0.34}	0.97 {0.27}	0.75 {0.21}				
	0.02	2.2 {0.64}	2.1 {0.58}	1.7 {0.49}	1.4 {0.40}	1.1 {0.32}	0.86 {0.24}				
	0.04	3.1 {0.89}	2.9 {0.82}	2.4 {0.68}	1.9 {0.55}	1.5 {0.44}	1.2 {0.3}				
SEV-604DY	0.01	1.6 {0.45}	1.5 {0.41}	1.2 {0.35}	0.99 {0.28}	0.79 {0.23}	0.62 {0.18}				
	0.015	1.9 {0.55}	1.8 {0.51}	1.5 {0.42}	1.2 {0.34}	0.97 {0.27}	0.75 {0.21}				
	0.02	2.2 {0.64}	2.1 {0.58}	1.7 {0.49}	1.4 {0.40}	1.1 {0.32}	0.86 {0.24}				
	0.04	3.1 {0.89}	2.9 {0.82}	2.4 {0.68}	1.9 {0.55}	1.5 {0.44}	1.2 {0.33}				
SEV-1004DY	0.01	3.8 {1.1}	3.5 {1.0}	2.9 {0.83}	2.4 {0.68}	1.9 {0.54}	1.5 {0.42}				
	0.015	4.7 {1.3}	4.3 {1.2}	3.6 {1.0}	2.9 {0.83}	2.3 {0.66}	1.8 {0.51}				
	0.02	5.4 {1.5}	5.0 {1.4}	4.1 {1.2}	3.4 {0.95}	2.7 {0.76}	2.1 {0.59}				
	0.04	7.6 {2.2}	7.0 {2.0}	5.8 {1.6}	4.7 {1.33}	3.7 {1.05}	2.8 {0.80}				
SEV-1005DY	0.01	3.8 {1.1}	3.5 {1.0}	2.9 {0.83}	2.4 {0.68}	1.9 {0.54}	1.5 {0.42}				
	0.015	4.7 {1.3}	4.3 {1.2}	3.6 {1.0}	2.9 {0.83}	2.3 {0.66}	1.8 {0.51}				
	0.02	5.4 {1.5}	5.0 {1.4}	4.1 {1.2}	3.4 {0.95}	2.7 {0.76}	2.1 {0.59}				
	0.04	7.6 {2.2}	7.0 {2.0}	5.8 {1.6}	4.7 {1.3}	3.7 {1.0}	2.8 {0.80}				
SEV-1205DY	0.01	6.7 {1.9}	6.1 {1.7}	5.1 {1.5}	4.2 {1.2}	3.3 {1.0}	2.6 {0.74}				
	0.015	8.2 {2.3}	7.5 {2.1}	6.3 {1.8}	5.1 {1.5}	4.1 {1.2}	3.2 {0.90}				
	0.02	9.4 {2.7}	8.7 {2.5}	7.2 {2.0}	5.9 {1.7}	4.7 {1.3}	3.6 {1.0}				
	0.04	13 {3.8}	12 {3.5}	10 {2.9}	8.2 {2.3}	6.5 {1.8}	4.9 {1.4}				
SEV-1506DY	0.01	10 {2.9}	9.3 {2.6}	7.8 {2.2}	6.3 {1.8}	5.1 {1.4}	3.9 {1.1}				
	0.015	12 {3.5}	11 {3.2}	9.5 {2.7}	7.7 {2.2}	6.2 {1.8}	4.8 {1.4}				
	0.02	14 {4.1}	13 {3.7}	11 {3.1}	8.9 {2.5}	7.1 {2.0}	5.5 {1.6}				
	0.04	20 {5.7}	18 {5.2}	15 {4.3}	12 {3.5}	9.8 {2.8}	7.4 {2.1}				
SEV-1507DY	0.01	10 {2.9}	9.3 {2.6}	7.8 {2.2}	6.3 {1.8}	5.1 {1.4}	3.9 {1.1}				
	0.015	12 {3.5}	11 {3.2}	9.5 {2.7}	7.7 {2.2}	6.2 {1.8}	4.8 {1.4}				
	0.02	14 {4.1}	13 {3.7}	11 {3.1}	8.9 {2.5}	7.1 {2.0}	5.5 {1.6}				
	0.04	20 {5.7}	18 {5.2}	15 {4.3}	12 {3.5}	9.8 {2.8}	7.4 {2.1}				

# 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				R407C				R410A			
	压力差 (MPa)															
	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30
SEV-303BY	28.6	39.9	48.2	65.2	37.7	52.9	64.2	88.8	32.5	45.6	55.3	76.1	37.6	52.8	64.3	89.4
SEV-502BY	58.4	81.4	98.3	133	76.8	108	131	181	66.3	93.0	113	155	76.6	108	131	182
SEV-603BY	91.5	128	154	209	120	169	206	284	104	146	177	243	120	169	206	286
SEV-1004BY	200	279	337	457	264	370	450	621	228	319	387	533	263	370	450	626
SEV-1205BY	332	463	559	757	437	613	745	1030	377	529	642	883	436	613	746	1037
SEV-1506BY	515	718	868	1174	678	951	1156	1598	585	820	996	1370	676	951	1158	1609
SEV-303DY	28.6	39.9	48.2	65.2	37.7	52.9	64.2	88.8	32.5	45.6	55.3	76.1	37.6	52.8	64.3	89.4
SEV-502DY	60.6	84.6	102	138	79.8	112	136	188	68.9	96.6	117	161	79.6	112	136	190
SEV-603DY	95.0	133	160	217	125	175	213	295	108	151	184	253	125	175	214	297
SEV-604DY	95.0	133	160	217	125	175	213	295	108	151	184	253	125	175	214	297
SEV-1004DY	229	319	386	522	301	423	514	710	260	365	443	609	300	422	515	715
SEV-1005DY	229	319	386	522	301	423	514	710	260	365	443	609	300	422	515	715
SEV-1205DY	400	559	675	913	527	740	899	1243	455	638	774	1065	526	739	900	1252
SEV-1506DY	606	846	1022	1383	798	1121	1362	1882	689	966	1173	1613	796	1120	1364	1896
SEV-1507DY	606	846	1022	1383	798	1121	1362	1882	689	966	1173	1613	796	1120	1364	1896

型号	热气流量 (kg/h)															
	R448A				R449A				R407H				R463A-J			
	压力差 (MPa)															
	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30	0.05	0.10	0.15	0.30
SEV-303BY	33.8	47.4	57.6	79.4	34.0	47.7	57.9	79.9	31.8	44.6	54.1	74.5	36.3	51.0	62.1	86.1
SEV-502BY	71.7	101	122	168	69.4	97.3	118	163	64.9	90.9	110	152	74.0	104	127	176
SEV-603BY	112	157	191	264	109	153	185	256	102	143	173	239	116	163	199	276
SEV-1004BY	270	379	461	635	238	334	406	559	223	312	379	522	254	357	434	603
SEV-1205BY	473	664	806	1111	394	553	672	926	369	517	628	865	421	592	720	999
SEV-1506BY	717	1005	1221	1683	612	858	1043	1437	572	802	974	1342	653	918	1117	1550
SEV-303DY	33.8	47.4	57.6	79.4	34.0	47.7	57.9	79.9	31.8	44.6	54.1	74.5	36.3	51.0	62.1	86.1
SEV-502DY	71.7	101	122	168	72.1	101	123	169	67.4	94.5	115	158	76.9	108	132	183
SEV-603DY	112	157	191	264	113	158	192	265	106	148	180	247	120	169	206	286
SEV-604DY	112	157	191	264	113	158	192	265	106	148	180	247	120	169	206	286
SEV-1004DY	270	379	461	635	272	382	463	639	254	357	433	596	290	408	497	689
SEV-1005DY	270	379	461	635	272	382	463	639	254	357	433	596	290	408	497	689
SEV-1205DY	473	664	806	1111	476	668	811	1118	445	624	758	1044	508	714	869	1206
SEV-1506DY	717	1005	1221	1683	721	1011	1228	1693	674	945	1148	1580	769	1081	1316	1826
SEV-1507DY	717	1005	1221	1683	721	1011	1228	1693	674	945	1148	1580	769	1081	1316	1826