

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
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°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
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

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		
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°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				
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°C, 阀入口热气除霜温度 50°C

型号	热气流 (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