

**Performance data**
**Rating condition: EN 12900 | MT | SH 10 K**

Superheat: 10.0 K

Subcooling: 0 K

**Te = Evaporating temperature [°C]**
**Tc = Condensing temperature [°C]**
**MT032-4. Cooling capacity [kW]**

Tc/Te	-25.0	-20.0	-15.0	-10.0	-5.0	0	5.0	10.0	15.0
30.0	2.242	3.036	3.978	5.084	6.373	7.860	9.565	11.50	13.69
35.0	1.953	2.722	3.631	4.697	5.937	7.369	9.010	10.88	12.99
40.0	1.686	2.425	3.296	4.317	5.504	6.875	8.447	10.24	12.26
45.0	1.446	2.150	2.978	3.949	5.078	6.384	7.882	9.592	11.53
50.0	-	1.899	2.681	3.596	4.663	5.898	7.318	8.941	10.78
55.0	-	-	2.407	3.263	4.262	5.421	6.759	8.290	10.03
60.0	-	-	-	2.952	3.879	4.958	6.207	7.642	9.281
65.0	-	-	-	-	3.517	4.511	5.667	7.000	8.530

**MT032-4. Power consumption [kW]**

Tc/Te	-25.0	-20.0	-15.0	-10.0	-5.0	0	5.0	10.0	15.0
30.0	1.377	1.564	1.737	1.890	2.014	2.103	2.147	2.140	2.074
35.0	1.413	1.609	1.796	1.966	2.111	2.223	2.294	2.318	2.285
40.0	1.439	1.649	1.852	2.041	2.208	2.346	2.447	2.503	2.506
45.0	1.457	1.682	1.903	2.114	2.306	2.472	2.604	2.694	2.735
50.0	-	1.707	1.949	2.183	2.402	2.599	2.765	2.892	2.973
55.0	-	-	1.988	2.249	2.498	2.727	2.928	3.095	3.219
60.0	-	-	-	2.310	2.590	2.854	3.094	3.302	3.471
65.0	-	-	-	-	2.680	2.981	3.261	3.513	3.729

**MT032-4. Heating capacity [kW]**

Tc/Te	-25.0	-20.0	-15.0	-10.0	-5.0	0	5.0	10.0	15.0
30.0	3.619	4.600	5.715	6.974	8.387	9.963	11.71	13.64	15.77
35.0	3.365	4.331	5.427	6.663	8.048	9.592	11.30	13.19	15.27
40.0	3.126	4.074	5.148	6.358	7.713	9.222	10.89	12.74	14.77
45.0	2.903	3.831	4.881	6.062	7.384	8.855	10.49	12.29	14.26

**MT032-4. R22**

50.0	-	3.606	4.629	5.779	7.065	8.497	10.08	11.83	13.76
55.0	-	-	4.395	5.512	6.759	8.148	9.687	11.39	13.25
60.0	-	-	-	5.262	6.469	7.812	9.301	10.94	12.75
65.0	-	-	-	-	6.197	7.492	8.928	10.51	12.26

**MT032-4. Current [A]**

Tc/Te	-25.0	-20.0	-15.0	-10.0	-5.0	0	5.0	10.0	15.0
30.0	2.884	3.074	3.268	3.450	3.606	3.720	3.778	3.765	3.665
35.0	2.926	3.127	3.337	3.542	3.726	3.874	3.972	4.005	3.958
40.0	2.956	3.172	3.403	3.634	3.851	4.039	4.182	4.265	4.274
45.0	2.973	3.209	3.465	3.728	3.982	4.212	4.404	4.542	4.612
50.0	-	3.236	3.522	3.821	4.116	4.394	4.639	4.837	4.972
55.0	-	-	3.574	3.912	4.253	4.583	4.885	5.146	5.351
60.0	-	-	-	4.001	4.392	4.777	5.142	5.471	5.749
65.0	-	-	-	-	4.531	4.977	5.408	5.809	6.166

**MT032-4. COP [W/W]**

Tc/Te	-25.0	-20.0	-15.0	-10.0	-5.0	0	5.0	10.0	15.0
30.0	1.63	1.94	2.29	2.69	3.16	3.74	4.46	5.38	6.60
35.0	1.38	1.69	2.02	2.39	2.81	3.31	3.93	4.69	5.68
40.0	1.17	1.47	1.78	2.12	2.49	2.93	3.45	4.09	4.89
45.0	0.99	1.28	1.56	1.87	2.20	2.58	3.03	3.56	4.21
50.0	-	1.11	1.38	1.65	1.94	2.27	2.65	3.09	3.63
55.0	-	-	1.21	1.45	1.71	1.99	2.31	2.68	3.12
60.0	-	-	-	1.28	1.50	1.74	2.01	2.31	2.67
65.0	-	-	-	-	1.31	1.51	1.74	1.99	2.29

**MT032-4. Mass flow [kg/h]**

Tc/Te	-25.0	-20.0	-15.0	-10.0	-5.0	0	5.0	10.0	15.0
30.0	48.82	65.22	84.32	106.4	131.7	160.6	193.2	229.9	270.9
35.0	44.25	60.80	79.99	102.1	127.4	156.3	188.8	225.4	266.4
40.0	39.85	56.46	75.65	97.72	123.0	151.6	184.1	220.5	261.3
45.0	35.74	52.31	71.40	93.31	118.3	146.8	179.0	215.2	255.7
50.0	-	48.47	67.33	88.97	113.7	141.8	173.7	209.5	249.7
55.0	-	-	63.58	84.81	109.1	136.8	168.2	203.6	243.4
60.0	-	-	-	80.97	104.7	131.8	162.6	197.4	236.7
65.0	-	-	-	-	100.6	126.9	157.0	191.2	229.7