




		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>30Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	1.03	1.12	1.24	1.39	1.47	1.72	1.81	1.85	1.95	2.3	2.56	2.67	2.9	3.08	3.29	3.46	3.68	Heating Power (kW)
	0.3	0.32	0.35	0.38	0.4	0.44	0.46	0.46	0.48	0.48	0.49	0.5	0.52	0.54	0.57	0.59	0.62	Input Power (kW)
	3.46	3.5	3.57	3.65	3.66	3.9	3.93	4.02	4.1	4.79	5.22	5.32	5.56	5.68	5.81	5.84	5.97	COP
40	0.98	1.08	1.19	1.35	1.43	1.68	1.75	1.77	1.86	2.22	2.5	2.6	2.83	3.01	3.22	3.4	3.65	Heating Power (kW)
	0.33	0.35	0.38	0.41	0.43	0.47	0.49	0.49	0.51	0.51	0.53	0.54	0.55	0.57	0.6	0.62	0.65	Input Power (kW)
	3.02	3.08	3.18	3.28	3.36	3.55	3.58	3.6	3.69	4.34	4.7	4.83	5.13	5.26	5.4	5.47	5.64	COP
45	0.96	1.05	1.17	1.32	1.4	1.64	1.72	1.71	1.81	2.16	2.46	2.55	2.78	2.96	3.17	3.36	3.63	Heating Power (kW)
	0.35	0.37	0.4	0.42	0.44	0.5	0.51	0.51	0.53	0.53	0.56	0.56	0.57	0.59	0.62	0.64	0.67	Input Power (kW)
	2.76	2.84	2.94	3.15	3.17	3.31	3.34	3.35	3.44	4.08	4.39	4.54	4.87	5	5.14	5.24	5.44	COP
50	—	1.02	1.13	1.29	1.37	1.6	1.67	1.66	1.74	2.06	2.39	2.45	2.68	2.86	3.09	3.29	3.56	Heating Power (kW)
	—	0.4	0.42	0.44	0.47	0.52	0.54	0.54	0.55	0.56	0.6	0.59	0.6	0.62	0.64	0.67	0.69	Input Power (kW)
	—	2.57	2.69	2.9	2.93	3.08	3.1	3.11	3.16	3.71	4.01	4.14	4.49	4.64	4.82	4.94	5.14	COP
55	—	—	1.1	1.25	1.33	1.56	1.63	1.62	1.7	1.96	2.31	2.35	2.58	2.76	3.01	3.22	3.51	Heating Power (kW)
	—	—	0.45	0.47	0.49	0.55	0.56	0.55	0.57	0.58	0.63	0.62	0.62	0.64	0.67	0.69	0.72	Input Power (kW)
	—	—	2.46	2.67	2.71	2.84	2.91	2.94	2.98	3.38	3.67	3.78	4.15	4.3	4.52	4.66	4.89	COP
60	—	—	1.06	1.22	1.3	1.52	1.58	1.57	1.65	1.86	2.24	2.25	2.48	2.66	2.91	3.15	3.43	Heating Power (kW)
	—	—	0.52	0.54	0.56	0.62	0.63	0.61	0.62	0.62	0.69	0.69	0.66	0.68	0.7	0.72	0.75	Input Power (kW)
	—	—	2.06	2.26	2.31	2.45	2.51	2.6	2.68	3.02	3.26	3.28	3.78	3.93	4.15	4.4	4.56	COP

		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>54Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	2.32	2.65	2.8	2.98	3.15	3.69	3.87	4.1	4.46	5.03	5.48	5.64	5.87	6.23	6.66	6.99	7.27	Heating Power (kW)
	0.81	0.85	0.89	0.92	0.95	0.98	1	1.05	1.09	1.08	1.11	1.13	1.17	1.21	1.26	1.31	1.35	Input Power (kW)
	2.86	3.12	3.15	3.22	3.33	3.76	3.87	3.91	4.09	4.66	4.94	4.98	5.03	5.14	5.28	5.33	5.4	COP
40	2.23	2.56	2.72	2.89	3.07	3.59	3.76	3.94	4.3	4.87	5.33	5.49	5.72	6.08	6.51	6.88	7.16	Heating Power (kW)
	0.91	0.95	0.99	1.03	1.05	1.1	1.12	1.17	1.21	1.22	1.24	1.26	1.29	1.34	1.39	1.44	1.48	Input Power (kW)
	2.45	2.7	2.74	2.82	2.93	3.27	3.36	3.37	3.55	4	4.31	4.36	4.45	4.53	4.67	4.77	4.84	COP
45	2.18	2.51	2.66	2.84	3.01	3.53	3.69	3.83	4.19	4.76	5.23	5.39	5.62	5.98	6.41	6.8	7.08	Heating Power (kW)
	0.98	1.02	1.06	1.09	1.12	1.18	1.2	1.25	1.3	1.31	1.32	1.34	1.37	1.43	1.48	1.53	1.57	Input Power (kW)
	2.22	2.46	2.51	2.59	2.7	2.99	3.07	3.07	3.22	3.63	3.96	4.02	4.09	4.19	4.33	4.44	4.52	COP
50	—	2.44	2.59	2.77	2.94	3.45	3.6	3.74	4.06	4.53	5.03	5.19	5.42	5.78	6.21	6.66	6.94	Heating Power (kW)
	—	1.1	1.14	1.18	1.2	1.28	1.3	1.35	1.4	1.43	1.43	1.45	1.48	1.53	1.59	1.64	1.68	Input Power (kW)
	—	2.21	2.27	2.35	2.45	2.69	2.77	2.77	2.89	3.18	3.53	3.59	3.65	3.77	3.9	4.06	4.14	COP
55	—	—	2.52	2.7	2.87	3.37	3.51	3.65	3.92	4.28	4.83	4.99	5.22	5.58	6.01	6.51	6.79	Heating Power (kW)
	—	—	1.22	1.25	1.28	1.38	1.42	1.45	1.5	1.54	1.53	1.55	1.59	1.64	1.7	1.75	1.79	Input Power (kW)
	—	—	2.07	2.15	2.25	2.44	2.48	2.52	2.61	2.78	3.16	3.22	3.27	3.4	3.53	3.72	3.8	COP
60	—	—	2.45	2.63	2.8	3.29	3.42	3.56	3.79	4.06	4.63	4.79	5.02	5.38	5.81	6.37	6.65	Heating Power (kW)
	—	—	1.32	1.36	1.38	1.49	1.52	1.57	1.62	1.67	1.66	1.68	1.73	1.78	1.84	1.89	1.92	Input Power (kW)
	—	—	1.85	1.93	2.03	2.21	2.25	2.28	2.34	2.44	2.79	2.85	2.9	3.03	3.16	3.38	3.46	COP

		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>57.5Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	2.46	2.82	2.98	3.17	3.35	3.88	4.11	4.37	4.75	5.35	5.83	6	6.24	6.63	7.08	7.44	7.74	Heating Power (kW)
	0.91	0.95	0.99	1.02	1.05	1.08	1.1	1.13	1.17	1.18	1.21	1.23	1.27	1.31	1.36	1.41	1.45	Input Power (kW)
	2.71	2.97	3.01	3.09	3.21	3.59	3.74	3.86	4.06	4.53	4.82	4.87	4.93	5.05	5.2	5.27	5.35	COP
40	2.38	2.73	2.9	3.09	3.27	3.79	4.01	4.2	4.59	5.19	5.68	5.85	6.09	6.48	6.93	7.32	7.63	Heating Power (kW)
	1.01	1.05	1.09	1.13	1.15	1.21	1.24	1.27	1.31	1.32	1.35	1.37	1.41	1.46	1.51	1.56	1.59	Input Power (kW)
	2.35	2.6	2.65	2.74	2.85	3.12	3.24	3.32	3.51	3.94	4.21	4.27	4.32	4.45	4.61	4.71	4.8	COP
45	2.32	2.68	2.84	3.03	3.21	3.72	3.93	4.1	4.48	5.08	5.58	5.75	5.99	6.38	6.83	7.25	7.55	Heating Power (kW)
	1.08	1.12	1.16	1.19	1.22	1.3	1.33	1.36	1.4	1.41	1.44	1.46	1.51	1.55	1.6	1.65	1.69	Input Power (kW)
	2.15	2.39	2.45	2.54	2.64	2.86	2.96	3.01	3.2	3.6	3.88	3.93	3.98	4.11	4.27	4.39	4.48	COP
50	—	2.61	2.77	2.96	3.14	3.64	3.84	4.01	4.34	4.86	5.38	5.55	5.79	6.18	6.63	7.1	7.4	Heating Power (kW)
	—	1.2	1.24	1.28	1.3	1.41	1.45	1.48	1.52	1.53	1.56	1.58	1.63	1.67	1.72	1.77	1.81	Input Power (kW)
	—	2.16	2.23	2.31	2.42	2.58	2.66	2.72	2.87	3.18	3.46	3.52	3.56	3.7	3.85	4.01	4.1	COP
55	—	—	2.7	2.89	3.07	3.56	3.75	3.92	4.21	4.61	5.18	5.35	5.59	5.98	6.43	6.96	7.26	Heating Power (kW)
	—	—	1.33	1.36	1.39	1.52	1.56	1.59	1.63	1.64	1.67	1.69	1.75	1.79	1.84	1.89	1.93	Input Power (kW)
	—	—	2.03	2.12	2.22	2.34	2.41	2.46	2.58	2.81	3.1	3.16	3.2	3.34	3.49	3.68	3.77	COP
60	—	—	2.63	2.82	3	3.48	3.66	3.83	4.07	4.38	4.98	5.15	5.39	5.78	6.23	6.81	7.11	Heating Power (kW)
	—	—	1.46	1.5	1.52	1.67	1.68	1.71	1.78	1.79	1.82	1.83	1.89	1.94	1.99	2.04	2.07	Input Power (kW)
	—	—	1.8	1.88	1.98	2.09	2.19	2.24	2.29	2.45	2.74	2.81	2.85	2.98	3.14	3.35	3.44	COP

		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>66Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	2.62	2.9	3.25	3.37	3.57	3.87	4.07	4.77	5.02	5.68	6.2	6.38	6.64	7.05	7.53	7.82	8.14	Heating Power (kW)
	1.03	1.08	1.13	1.17	1.19	1.23	1.25	1.26	1.26	1.31	1.34	1.37	1.42	1.48	1.53	1.58	1.62	Input Power (kW)
	2.55	2.7	2.88	2.89	3	3.14	3.25	3.78	4	4.33	4.63	4.66	4.69	4.77	4.92	4.95	5.02	COP
40	2.54	2.82	3.16	3.29	3.48	3.77	3.96	4.61	4.86	5.52	6.04	6.22	6.48	6.88	7.37	7.7	8.02	Heating Power (kW)
	1.15	1.2	1.25	1.29	1.31	1.39	1.42	1.43	1.42	1.48	1.52	1.54	1.58	1.64	1.7	1.75	1.79	Input Power (kW)
	2.21	2.36	2.54	2.56	2.66	2.72	2.79	3.23	3.41	3.73	3.97	4.05	4.09	4.19	4.34	4.4	4.48	COP
45	2.48	2.76	3.11	3.23	3.43	3.71	3.89	4.5	4.75	5.41	5.93	6.11	6.37	6.78	7.26	7.62	7.94	Heating Power (kW)
	1.23	1.28	1.33	1.37	1.39	1.49	1.53	1.54	1.54	1.59	1.64	1.65	1.7	1.76	1.81	1.86	1.9	Input Power (kW)
	2.02	2.16	2.34	2.36	2.46	2.49	2.54	2.92	3.1	3.4	3.62	3.7	3.76	3.86	4.01	4.09	4.17	COP
50	—	2.69	3.04	3.16	3.36	3.63	3.8	4.41	4.62	5.18	5.71	5.88	6.15	6.55	7.04	7.47	7.79	Heating Power (kW)
	—	1.38	1.43	1.47	1.49	1.62	1.67	1.68	1.68	1.73	1.79	1.79	1.84	1.9	1.95	2	2.04	Input Power (kW)
	—	1.96	2.13	2.16	2.25	2.24	2.27	2.62	2.76	3	3.19	3.29	3.35	3.46	3.61	3.73	3.81	COP
55	—	—	2.97	3.09	3.29	3.55	3.71	4.32	4.48	4.93	5.48	5.66	5.92	6.33	6.81	7.32	7.64	Heating Power (kW)
	—	—	1.53	1.57	1.59	1.75	1.81	1.82	1.82	1.87	1.94	1.93	1.98	2.04	2.09	2.14	2.18	Input Power (kW)
	—	—	1.94	1.97	2.07	2.03	2.05	2.37	2.47	2.64	2.82	2.93	3	3.11	3.26	3.42	3.5	COP
60	—	—	2.9	3.02	3.22	3.47	3.62	4.23	4.35	4.71	5.26	5.43	5.7	6.1	6.59	7.17	7.49	Heating Power (kW)
	—	—	1.69	1.73	1.75	1.93	1.99	1.96	1.99	2.05	2.12	2.1	2.15	2.21	2.27	2.28	2.36	Input Power (kW)
	—	—	1.72	1.75	1.84	1.8	1.82	2.16	2.18	2.3	2.48	2.58	2.65	2.76	2.91	3.14	3.18	COP


		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>72Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	2.67	2.77	3.36	3.51	3.6	4.18	4.41	5.05	5.64	6.02	6.6	6.81	7.14	7.5	7.96	8.32	8.66	Heating Power (kW)
	1.13	1.18	1.23	1.28	1.31	1.36	1.38	1.39	1.42	1.42	1.44	1.47	1.53	1.61	1.68	1.74	1.8	Input Power (kW)
	2.36	2.35	2.73	2.74	2.75	3.07	3.2	3.63	3.99	4.24	4.6	4.63	4.66	4.67	4.74	4.78	4.81	COP
40	2.58	2.68	3.27	3.42	3.5	4.07	4.31	4.87	5.46	5.84	6.42	6.63	6.96	7.32	7.78	8.2	8.54	Heating Power (kW)
	1.26	1.31	1.36	1.41	1.44	1.53	1.57	1.58	1.6	1.61	1.65	1.66	1.72	1.79	1.87	1.93	1.99	Input Power (kW)
	2.04	2.04	2.4	2.42	2.43	2.66	2.75	3.09	3.41	3.64	3.9	4	4.05	4.08	4.16	4.26	4.3	COP
45	2.52	2.62	3.21	3.36	3.44	4	4.23	4.75	5.34	5.72	6.3	6.51	6.84	7.2	7.66	8.12	8.46	Heating Power (kW)
	1.35	1.4	1.45	1.5	1.53	1.65	1.69	1.7	1.73	1.73	1.79	1.78	1.84	1.92	2	2.05	2.11	Input Power (kW)
	1.86	1.87	2.21	2.24	2.25	2.43	2.51	2.8	3.1	3.31	3.53	3.65	3.72	3.76	3.84	3.96	4.01	COP
50	—	2.55	3.13	3.29	3.36	3.91	4.14	4.65	5.24	5.47	6.05	6.26	6.59	6.95	7.41	7.97	8.31	Heating Power (kW)
	—	1.51	1.56	1.61	1.64	1.8	1.85	1.86	1.88	1.89	1.96	1.94	2	2.07	2.15	2.21	2.27	Input Power (kW)
	—	1.69	2.01	2.04	2.05	2.18	2.25	2.51	2.79	2.9	3.09	3.23	3.3	3.35	3.44	3.62	3.67	COP
55	—	—	3.06	3.21	3.28	3.82	4.05	4.55	5.14	5.22	5.8	6.01	6.34	6.7	7.16	7.82	8.16	Heating Power (kW)
	—	—	1.67	1.72	1.75	1.93	1.98	2.01	2.04	2.04	2.14	2.09	2.15	2.23	2.31	2.36	2.42	Input Power (kW)
	—	—	1.83	1.87	1.87	1.98	2.05	2.26	2.53	2.56	2.72	2.87	2.95	3.01	3.1	3.31	3.37	COP
60	—	—	2.98	3.14	3.2	3.72	3.96	4.45	5.04	4.97	5.55	5.76	6.09	6.45	6.91	7.67	8.01	Heating Power (kW)
	—	—	1.86	1.91	1.93	2.12	2.16	2.2	2.23	2.23	2.35	2.28	2.34	2.42	2.5	2.55	2.61	Input Power (kW)
	—	—	1.6	1.64	1.66	1.76	1.84	2.02	2.27	2.23	2.36	2.52	2.6	2.67	2.77	3.01	3.07	COP


		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>80Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	3.03	3.15	3.42	3.83	3.97	4.66	4.96	5.71	6.27	6.84	7.5	7.74	8.11	8.52	8.95	9.35	9.76	Heating Power (kW)
	1.32	1.37	1.42	1.47	1.5	1.54	1.56	1.59	1.59	1.61	1.63	1.68	1.75	1.83	1.91	1.98	2.06	Input Power (kW)
	2.29	2.29	2.4	2.6	2.64	3.02	3.18	3.59	3.95	4.25	4.59	4.61	4.63	4.66	4.69	4.72	4.74	COP
40	2.91	3.03	3.3	3.71	3.89	4.59	4.85	5.53	6.09	6.66	7.32	7.56	7.93	8.34	8.77	9.23	9.64	Heating Power (kW)
	1.47	1.52	1.57	1.62	1.65	1.69	1.74	1.78	1.8	1.82	1.83	1.86	1.93	1.95	2.05	2.12	2.19	Input Power (kW)
	1.97	1.99	2.09	2.29	2.35	2.71	2.79	3.1	3.39	3.66	4	4.07	4.1	4.28	4.28	4.36	4.4	COP
45	2.83	2.95	3.22	3.63	3.85	4.54	4.78	5.41	5.97	6.54	7.2	7.44	7.81	8.22	8.65	9.15	9.56	Heating Power (kW)
	1.57	1.62	1.67	1.72	1.75	1.79	1.86	1.91	1.94	1.96	1.97	2	2.05	2.09	2.17	2.2	2.28	Input Power (kW)
	1.8	1.82	1.92	2.11	2.19	2.53	2.57	2.83	3.08	3.34	3.65	3.72	3.8	3.93	3.99	4.15	4.19	COP
50	—	2.85	3.12	3.56	3.79	4.48	4.69	5.31	5.87	6.29	6.95	7.19	7.56	7.97	8.4	9	9.41	Heating Power (kW)
	—	1.75	1.8	1.85	1.86	1.9	2.01	2.07	2.12	2.14	2.15	2.16	2.23	2.26	2.34	2.4	2.39	Input Power (kW)
	—	1.63	1.73	1.93	2.03	2.35	2.33	2.57	2.78	2.95	3.24	3.33	3.39	3.52	3.59	3.75	3.94	COP
55	—	—	3.02	3.49	3.73	4.42	4.6	5.21	5.77	6.04	6.7	6.94	7.31	7.72	8.15	8.85	9.26	Heating Power (kW)
	—	—	1.92	1.97	1.97	2.01	2.16	2.23	2.29	2.31	2.32	2.33	2.38	2.44	2.52	2.6	2.49	Input Power (kW)
	—	—	1.57	1.77	1.89	2.2	2.13	2.34	2.52	2.61	2.89	2.98	3.07	3.17	3.24	3.4	3.72	COP
60	—	—	2.92	3.39	3.66	4.32	4.51	5.11	5.67	5.79	6.45	6.69	7.06	7.47	7.9	8.7	9.11	Heating Power (kW)
	—	—	2.13	2.19	2.17	2.21	2.37	2.44	2.51	2.52	2.54	2.55	2.59	2.65	2.73	2.85	2.66	Input Power (kW)
	—	—	1.37	1.55	1.69	1.96	1.91	2.1	2.27	2.3	2.54	2.62	2.72	2.81	2.89	3.05	3.42	COP


		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>90Hz</b>														
		Ambient Temperature (°C)																
Water outlet (°C)		-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30	35
35	Heating Power (kW)	3.33	3.46	3.76	4.57	4.71	5.46	5.64	5.85	6.5	7.37	8.25	8.58	9.13	9.8	10.17	10.7	11.2
	Input Power (kW)	1.46	1.51	1.56	1.61	1.64	1.69	1.71	1.71	1.73	1.78	1.81	1.87	1.98	2.11	2.19	2.29	2.39
	COP	2.28	2.29	2.41	2.84	2.87	3.23	3.3	3.42	3.76	4.14	4.56	4.59	4.61	4.64	4.66	4.68	4.7
40	Heating Power (kW)	3.21	3.34	3.64	4.45	4.59	5.34	5.46	5.67	6.32	7.19	8.07	8.4	8.95	9.62	9.99	10.52	11.02
	Input Power (kW)	1.7	1.75	1.8	1.85	1.88	1.93	1.95	1.95	1.97	2.02	2.05	2.11	2.22	2.3	2.43	2.53	2.63
	COP	1.89	1.91	2.02	2.41	2.44	2.77	2.8	2.91	3.21	3.56	3.94	3.98	4.03	4.18	4.12	4.17	4.2
45	Heating Power (kW)	3.13	3.26	3.56	4.37	4.51	5.26	5.34	5.55	6.2	7.07	7.95	8.28	8.83	9.5	9.87	10.4	10.9
	Input Power (kW)	1.86	1.91	1.96	2.01	2.04	2.09	2.11	2.11	2.13	2.18	2.21	2.27	2.38	2.46	2.59	2.69	2.79
	COP	1.68	1.71	1.81	2.18	2.21	2.52	2.53	2.63	2.91	3.24	3.6	3.65	3.71	3.86	3.82	3.87	3.91
50	Heating Power (kW)	—	3.16	3.46	4.27	4.41	5.16	5.24	5.45	6.1	6.82	7.7	8.03	8.58	9.25	9.62	10.15	10.65
	Input Power (kW)	—	2.11	2.16	2.21	2.24	2.29	2.31	2.31	2.33	2.38	2.41	2.47	2.58	2.66	2.79	2.89	2.99
	COP	—	1.5	1.6	1.93	1.97	2.26	2.27	2.36	2.62	2.86	3.2	3.25	3.32	3.47	3.46	3.52	3.57
55	Heating Power (kW)	—	—	3.36	4.17	4.31	5.06	5.14	5.35	6	6.57	7.45	7.78	8.33	9	9.37	9.9	10.4
	Input Power (kW)	—	—	2.36	2.41	2.44	2.49	2.51	2.51	2.53	2.58	2.61	2.67	2.78	2.86	2.99	3.09	3.19
	COP	—	—	1.42	1.73	1.76	2.03	2.05	2.13	2.37	2.54	2.85	2.91	3	3.14	3.14	3.21	3.27
60	Heating Power (kW)	—	—	3.26	4.07	4.21	4.96	5.04	5.25	5.9	6.32	7.2	7.53	8.08	8.75	9.12	9.65	10.15
	Input Power (kW)	—	—	2.61	2.66	2.69	2.74	2.76	2.76	2.78	2.83	2.86	2.92	3.03	3.11	3.24	3.34	3.44
	COP	—	—	1.25	1.53	1.56	1.81	1.83	1.9	2.12	2.23	2.52	2.58	2.67	2.81	2.82	2.89	2.96


		Series: <b>Hero Plus</b>	Model: <b>P6</b>	Compressor conditions: <b>Refer to below</b>														
<b>COOLING PERFORMANCE DATA</b>	Water Outlet Temperature	Ambient Temperature: 35/24°C							Ambient Temperature: 43/26°C									
		20°C	17°C	15°C	12°C	9°C	7°C	5°C	20°C	17°C	15°C	12°C	9°C	7°C	5°C			
	Compressor condition: 70Hz																	
	Cooling Power (kW)	8.03	7.52	7.01	6.53	6.01	5.58	5.03	6.93	6.49	6.05	5.64	5.19	5.03	4.53			
	Input Power (kW)	1.88	1.82	1.77	1.72	1.68	1.65	1.62	2.04	1.97	1.92	1.87	1.82	1.73	1.7			
	COP	4.27	4.13	3.96	3.8	3.58	3.38	3.1	3.4	3.29	3.15	3.02	2.85	2.91	2.67			
	Compressor condition: 60Hz																	
	Cooling Power (kW)	6.83	6.39	5.96	5.55	5.11	4.74	4.28	5.89	5.53	5.14	4.79	4.41	4.28	3.88			
	Input Power (kW)	1.54	1.49	1.45	1.41	1.38	1.35	1.33	1.67	1.62	1.57	1.53	1.49	1.4	1.38			
	COP	4.43	4.28	4.11	3.94	3.71	3.51	3.22	3.52	3.42	3.27	3.13	2.95	3.05	2.82			
	Compressor condition: 50Hz																	
	Cooling Power (kW)	6.02	5.64	5.26	4.9	4.51	4.19	3.77	5.2	4.87	4.54	4.23	3.89	3.77	3.4			
	Input Power (kW)	1.3	1.26	1.22	1.19	1.16	1.14	1.12	1.43	1.38	1.34	1.31	1.28	1.21	1.19			
	COP	4.64	4.49	4.3	4.13	3.89	3.68	3.37	3.64	3.52	3.38	3.24	3.05	3.12	2.86			
	Compressor condition: 40Hz																	
Cooling Power (kW)	4.9	4.59	4.28	3.98	3.67	3.4	3.07	4.23	3.96	3.69	3.44	3.16	3.07	2.77				
Input Power (kW)	1.03	1	0.97	0.95	0.92	0.91	0.89	1.12	1.09	1.06	1.03	1	0.95	0.93				
COP	4.74	4.58	4.39	4.21	3.97	3.75	3.44	3.77	3.65	3.49	3.35	3.16	3.22	2.96				
Compressor condition: 30Hz																		
Cooling Power (kW)	3.61	3.38	3.15	2.94	2.7	2.51	2.26	3.12	2.92	2.72	2.54	2.33	2.26	2.04				
Input Power (kW)	0.73	0.71	0.69	0.67	0.66	0.64	0.63	0.8	0.77	0.75	0.73	0.71	0.67	0.66				
COP	4.93	4.77	4.57	4.38	4.13	3.9	3.58	3.92	3.79	3.64	3.49	3.28	3.35	3.08				


**Nominal Cooling Capacity:**  
**6.1kW**  
*Ambient Temperature: 35/24°C*  
*Outlet Water Temperature: 7°C*


		Series: <b>Hero Plus</b>								Model: <b>P10A</b>				Compressor conditions: <b>30Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	2.05	2.27	2.64	2.89	3.02	3.4	3.55	3.72	3.98	4.38	4.7	4.85	5.09	5.34	5.67	5.93	6.17	Heating Power (kW)
	0.91	0.93	0.95	0.98	1	1.02	1.03	1.04	1.05	1.06	1.07	1.09	1.12	1.18	1.22	1.26	1.29	Input Power (kW)
	2.25	2.44	2.78	2.96	3.04	3.34	3.45	3.58	3.79	4.13	4.39	4.46	4.55	4.51	4.66	4.71	4.77	COP
40	1.96	2.18	2.55	2.8	2.93	3.29	3.45	3.54	3.8	4.2	4.52	4.67	4.91	5.16	5.49	5.81	6.05	Heating Power (kW)
	0.97	0.99	1.01	1.04	1.06	1.08	1.09	1.1	1.11	1.12	1.13	1.15	1.19	1.24	1.28	1.32	1.35	Input Power (kW)
	2.02	2.2	2.52	2.69	2.76	3.05	3.16	3.22	3.42	3.75	4	4.07	4.12	4.15	4.28	4.39	4.47	COP
45	1.9	2.12	2.49	2.74	2.86	3.22	3.37	3.42	3.68	4.08	4.4	4.55	4.79	5.04	5.37	5.73	5.97	Heating Power (kW)
	1.01	1.03	1.05	1.09	1.1	1.12	1.13	1.14	1.15	1.16	1.17	1.19	1.24	1.3	1.33	1.36	1.4	Input Power (kW)
	1.88	2.05	2.37	2.52	2.6	2.88	2.99	3	3.2	3.51	3.76	3.83	3.87	3.88	4.04	4.2	4.27	COP
50	—	2.05	2.42	2.67	2.78	3.13	3.28	3.32	3.58	3.83	4.15	4.3	4.54	4.79	5.12	5.58	5.82	Heating Power (kW)
	—	1.08	1.1	1.14	1.15	1.17	1.18	1.19	1.2	1.21	1.22	1.25	1.3	1.37	1.38	1.41	1.45	Input Power (kW)
	—	1.89	2.19	2.35	2.42	2.68	2.78	2.79	2.98	3.16	3.4	3.44	3.49	3.5	3.7	3.94	4.01	COP
55	—	—	2.34	2.59	2.7	3.04	3.19	3.22	3.48	3.58	3.9	4.05	4.29	4.54	4.87	5.43	5.67	Heating Power (kW)
	—	—	1.15	1.19	1.2	1.22	1.23	1.24	1.25	1.26	1.27	1.3	1.36	1.44	1.44	1.46	1.5	Input Power (kW)
	—	—	2.03	2.18	2.25	2.49	2.6	2.6	2.78	2.84	3.07	3.12	3.16	3.15	3.38	3.71	3.77	COP
60	—	—	2.27	2.52	2.62	2.94	3.1	3.12	3.38	3.33	3.65	3.8	4.04	4.29	4.62	5.28	5.52	Heating Power (kW)
	—	—	1.21	1.24	1.26	1.28	1.29	1.3	1.31	1.32	1.33	1.35	1.44	1.51	1.51	1.53	1.57	Input Power (kW)
	—	—	1.88	2.03	2.09	2.31	2.42	2.41	2.59	2.53	2.75	2.82	2.81	2.84	3.06	3.45	3.51	COP


		Series: <b>Hero Plus</b>								Model: <b>P10A</b>				Compressor conditions: <b>54Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	3.33	3.69	4.29	4.7	4.91	5.52	5.77	5.97	6.25	7.03	7.63	7.87	8.26	8.67	9.21	9.62	10.01	Heating Power (kW)
	1.63	1.65	1.67	1.7	1.72	1.74	1.75	1.77	1.8	1.83	1.85	1.88	1.94	2	2.07	2.11	2.15	Input Power (kW)
	2.04	2.23	2.57	2.77	2.86	3.17	3.3	3.37	3.47	3.84	4.12	4.18	4.26	4.33	4.45	4.57	4.65	COP
40	3.24	3.6	4.2	4.61	4.81	5.42	5.66	5.79	6.07	6.85	7.45	7.69	8.08	8.49	9.03	9.5	9.89	Heating Power (kW)
	1.77	1.79	1.81	1.84	1.85	1.88	1.9	1.92	1.94	1.97	2	2.03	2.09	2.15	2.21	2.25	2.29	Input Power (kW)
	1.83	2.01	2.32	2.51	2.6	2.88	2.98	3.02	3.12	3.47	3.73	3.79	3.87	3.95	4.08	4.22	4.32	COP
45	3.18	3.54	4.14	4.55	4.75	5.34	5.59	5.67	5.95	6.73	7.33	7.57	7.96	8.37	8.91	9.42	9.81	Heating Power (kW)
	1.86	1.88	1.9	1.93	1.95	1.97	2	2.02	2.04	2.07	2.1	2.12	2.19	2.24	2.31	2.35	2.38	Input Power (kW)
	1.71	1.88	2.18	2.36	2.44	2.71	2.79	2.81	2.92	3.25	3.49	3.57	3.64	3.73	3.86	4.01	4.12	COP
50	—	3.46	4.07	4.47	4.67	5.25	5.5	5.57	5.85	6.48	7.08	7.32	7.71	8.12	8.66	9.27	9.66	Heating Power (kW)
	—	2	2.02	2.04	2.06	2.09	2.13	2.15	2.16	2.19	2.23	2.24	2.31	2.36	2.43	2.47	2.5	Input Power (kW)
	—	1.73	2.02	2.19	2.27	2.52	2.59	2.6	2.71	2.96	3.18	3.26	3.33	3.44	3.56	3.76	3.87	COP
55	—	—	3.99	4.4	4.59	5.16	5.41	5.47	5.75	6.23	6.83	7.07	7.46	7.87	8.41	9.12	9.51	Heating Power (kW)
	—	—	2.13	2.16	2.18	2.2	2.25	2.27	2.28	2.31	2.35	2.36	2.44	2.48	2.55	2.59	2.61	Input Power (kW)
	—	—	1.87	2.04	2.11	2.35	2.4	2.41	2.52	2.7	2.91	2.99	3.06	3.17	3.3	3.53	3.64	COP
60	—	—	3.92	4.32	4.51	5.06	5.32	5.37	5.65	5.98	6.58	6.82	7.21	7.62	8.16	8.97	9.36	Heating Power (kW)
	—	—	2.28	2.3	2.32	2.35	2.41	2.42	2.44	2.46	2.5	2.51	2.59	2.62	2.69	2.73	2.75	Input Power (kW)
	—	—	1.72	1.88	1.94	2.16	2.21	2.22	2.32	2.44	2.63	2.72	2.78	2.9	3.03	3.28	3.41	COP


		Series: <b>Hero Plus</b>								Model: <b>P10A</b>				Compressor conditions: <b>57.5Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	3.5	3.88	4.52	4.94	5.16	5.81	6.07	6.35	6.65	7.32	8.03	8.28	8.69	9.12	9.69	10.13	10.54	Heating Power (kW)
	1.76	1.78	1.8	1.83	1.85	1.87	1.88	1.9	1.93	1.96	2	2.03	2.09	2.15	2.22	2.26	2.3	Input Power (kW)
	1.99	2.18	2.51	2.71	2.8	3.11	3.23	3.34	3.44	3.74	4.02	4.07	4.16	4.24	4.37	4.49	4.58	COP
40	3.41	3.79	4.43	4.85	5.07	5.7	5.96	6.17	6.47	7.14	7.85	8.1	8.51	8.94	9.51	10.01	10.42	Heating Power (kW)
	1.92	1.94	1.96	1.98	2	2.03	2.04	2.06	2.09	2.12	2.16	2.19	2.25	2.31	2.37	2.41	2.45	Input Power (kW)
	1.78	1.96	2.26	2.45	2.53	2.82	2.93	2.99	3.1	3.38	3.63	3.7	3.78	3.87	4	4.15	4.25	COP
45	3.35	3.73	4.37	4.79	5	5.63	5.89	6.05	6.35	7.02	7.73	7.98	8.39	8.82	9.39	9.93	10.34	Heating Power (kW)
	2.03	2.04	2.06	2.09	2.11	2.13	2.14	2.17	2.19	2.22	2.27	2.29	2.36	2.41	2.48	2.52	2.56	Input Power (kW)
	1.65	1.83	2.12	2.3	2.38	2.64	2.75	2.79	2.9	3.16	3.41	3.48	3.56	3.66	3.79	3.94	4.04	COP
50	—	3.65	4.29	4.72	4.92	5.54	5.8	5.95	6.25	6.77	7.48	7.73	8.14	8.57	9.14	9.78	10.19	Heating Power (kW)
	—	2.17	2.19	2.22	2.24	2.26	2.28	2.31	2.32	2.35	2.41	2.42	2.49	2.54	2.61	2.65	2.69	Input Power (kW)
	—	1.68	1.96	2.13	2.2	2.45	2.55	2.58	2.69	2.88	3.11	3.19	3.26	3.37	3.5	3.69	3.79	COP
55	—	—	4.22	4.64	4.84	5.45	5.71	5.85	6.15	6.52	7.23	7.48	7.89	8.32	8.89	9.63	10.04	Heating Power (kW)
	—	—	2.32	2.35	2.37	2.39	2.41	2.44	2.45	2.48	2.54	2.55	2.63	2.67	2.74	2.78	2.82	Input Power (kW)
	—	—	1.82	1.98	2.05	2.28	2.38	2.4	2.51	2.63	2.85	2.93	3	3.11	3.25	3.47	3.56	COP
60	—	—	4.14	4.57	4.76	5.35	5.62	5.75	6.05	6.27	6.98	7.23	7.64	8.07	8.64	9.48	9.89	Heating Power (kW)
	—	—	2.49	2.51	2.53	2.56	2.57	2.6	2.62	2.64	2.7	2.71	2.79	2.82	2.89	2.93	2.97	Input Power (kW)
	—	—	1.66	1.82	1.88	2.1	2.19	2.22	2.31	2.38	2.59	2.67	2.73	2.86	2.99	3.23	3.33	COP

		Series: <b>Hero Plus</b>								Model: <b>P10A</b>				Compressor conditions: <b>66Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	3.9	4.32	5.03	5.51	5.76	6.48	6.77	7.08	7.41	8.16	8.95	9.23	9.68	10.17	10.8	11.29	11.74	Heating Power (kW)
	2.15	2.17	2.19	2.22	2.24	2.26	2.27	2.28	2.31	2.32	2.35	2.38	2.44	2.5	2.57	2.62	2.67	Input Power (kW)
	1.81	1.99	2.3	2.49	2.58	2.87	2.98	3.11	3.21	3.52	3.81	3.87	3.97	4.06	4.2	4.31	4.4	COP
40	3.81	4.23	4.94	5.42	5.66	6.37	6.66	6.9	7.23	7.98	8.77	9.05	9.5	9.99	10.62	11.17	11.62	Heating Power (kW)
	2.37	2.39	2.39	2.43	2.45	2.48	2.49	2.5	2.49	2.49	2.54	2.56	2.61	2.68	2.74	2.79	2.83	Input Power (kW)
	1.61	1.77	2.07	2.23	2.31	2.57	2.68	2.76	2.9	3.2	3.45	3.54	3.64	3.73	3.87	4	4.11	COP
45	3.75	4.17	4.88	5.36	5.6	6.3	6.59	6.78	7.11	7.86	8.65	8.93	9.38	9.87	10.5	11.09	11.54	Heating Power (kW)
	2.51	2.53	2.52	2.58	2.6	2.62	2.63	2.64	2.61	2.61	2.67	2.67	2.73	2.79	2.86	2.91	2.95	Input Power (kW)
	1.49	1.65	1.94	2.08	2.16	2.4	2.5	2.57	2.73	3.01	3.24	3.34	3.44	3.53	3.67	3.81	3.92	COP
50	—	4.1	4.81	5.28	5.52	6.21	6.5	6.68	7.01	7.61	8.4	8.68	9.13	9.62	10.25	10.94	11.39	Heating Power (kW)
	—	2.71	2.69	2.76	2.78	2.8	2.81	2.82	2.75	2.76	2.83	2.82	2.87	2.94	3	3.05	3.09	Input Power (kW)
	—	1.51	1.79	1.92	1.99	2.22	2.31	2.37	2.55	2.76	2.97	3.08	3.18	3.27	3.41	3.58	3.69	COP
55	—	—	4.73	5.21	5.44	6.12	6.41	6.58	6.91	7.36	8.15	8.43	8.88	9.37	10	10.79	11.24	Heating Power (kW)
	—	—	2.85	2.94	2.96	2.98	2.99	3	2.9	2.9	2.99	2.96	3.02	3.08	3.15	3.2	3.24	Input Power (kW)
	—	—	1.66	1.77	1.84	2.05	2.14	2.19	2.39	2.54	2.73	2.85	2.94	3.04	3.18	3.37	3.47	COP
60	—	—	4.66	5.13	5.36	6.02	6.32	6.48	6.81	7.11	7.9	8.18	8.63	9.12	9.75	10.64	11.09	Heating Power (kW)
	—	—	3.06	3.14	3.18	3.21	3.22	3.23	3.09	3.09	3.19	3.14	3.19	3.26	3.32	3.37	3.41	Input Power (kW)
	—	—	1.52	1.64	1.68	1.88	1.97	2.01	2.21	2.3	2.48	2.6	2.7	2.8	2.93	3.15	3.25	COP


		Series: <b>Hero Plus</b>	Model: <b>P10A</b>	Compressor conditions: <b>72Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	4.19	4.64	5.4	5.91	6.17	6.95	7.26	7.6	7.95	8.76	9.6	9.9	10.39	10.91	11.58	12.11	12.6	Heating Power (kW)
	2.36	2.38	2.4	2.43	2.45	2.47	2.48	2.48	2.5	2.52	2.55	2.59	2.65	2.72	2.8	2.86	2.92	Input Power (kW)
	1.77	1.95	2.25	2.44	2.53	2.81	2.93	3.06	3.18	3.47	3.76	3.83	3.93	4.01	4.14	4.24	4.32	COP
40	4.1	4.55	5.31	5.82	6.08	6.84	7.15	7.42	7.77	8.58	9.42	9.72	10.21	10.73	11.4	11.99	12.48	Heating Power (kW)
	2.6	2.62	2.64	2.67	2.69	2.71	2.72	2.72	2.69	2.71	2.76	2.77	2.83	2.91	2.99	3.04	3.1	Input Power (kW)
	1.57	1.73	2.01	2.18	2.26	2.52	2.63	2.73	2.89	3.17	3.41	3.51	3.6	3.69	3.82	3.94	4.02	COP
45	4.04	4.49	5.25	5.76	6.01	6.77	7.08	7.3	7.65	8.46	9.3	9.6	10.09	10.61	11.28	11.91	12.4	Heating Power (kW)
	2.76	2.78	2.8	2.83	2.85	2.87	2.88	2.88	2.81	2.83	2.9	2.9	2.96	3.03	3.11	3.17	3.23	Input Power (kW)
	1.46	1.61	1.87	2.04	2.11	2.36	2.46	2.53	2.72	2.99	3.21	3.32	3.41	3.5	3.63	3.76	3.84	COP
50	—	4.41	5.17	5.68	5.93	6.68	6.99	7.2	7.55	8.21	9.05	9.35	9.84	10.36	11.03	11.76	12.25	Heating Power (kW)
	—	2.98	3	3.03	3.05	3.07	3.08	3.08	2.97	2.99	3.08	3.05	3.11	3.19	3.27	3.32	3.38	Input Power (kW)
	—	1.48	1.72	1.88	1.95	2.18	2.27	2.34	2.55	2.75	2.94	3.07	3.16	3.25	3.38	3.54	3.62	COP
55	—	—	5.1	5.61	5.85	6.59	6.9	7.1	7.45	7.96	8.8	9.1	9.59	10.11	10.78	11.61	12.1	Heating Power (kW)
	—	—	3.2	3.23	3.25	3.27	3.28	3.28	3.12	3.14	3.25	3.21	3.27	3.34	3.42	3.48	3.54	Input Power (kW)
	—	—	1.59	1.74	1.8	2.02	2.1	2.16	2.39	2.53	2.71	2.84	2.94	3.02	3.15	3.34	3.42	COP
60	—	—	5.02	5.53	5.77	6.49	6.81	7	7.35	7.71	8.55	8.85	9.34	9.86	10.53	11.46	11.95	Heating Power (kW)
	—	—	3.45	3.43	3.5	3.52	3.53	3.53	3.31	3.33	3.47	3.4	3.46	3.53	3.61	3.67	3.73	Input Power (kW)
	—	—	1.46	1.62	1.65	1.84	1.93	1.98	2.22	2.31	2.47	2.61	2.7	2.79	2.92	3.13	3.21	COP


		Series: <b>Hero Plus</b>	Model: <b>P10A</b>	Compressor conditions: <b>80Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	4.56	5.1	6.05	6.62	6.73	7.57	8.16	8.8	9.45	10.31	11.3	11.69	12.39	13.01	13.66	14.28	14.9	Heating Power (kW)
	2.75	2.77	2.8	2.82	2.85	2.89	2.91	2.94	2.95	3	3.05	3.11	3.21	3.31	3.39	3.49	3.59	Input Power (kW)
	1.66	1.84	2.16	2.35	2.36	2.62	2.8	2.99	3.2	3.44	3.7	3.76	3.86	3.93	4.03	4.09	4.15	COP
40	4.44	4.98	5.93	6.5	6.65	7.49	8.05	8.62	9.27	10.13	11.12	11.51	12.21	12.83	13.48	14.16	14.78	Heating Power (kW)
	3.08	3.1	3.13	3.15	3.18	3.22	3.21	3.24	3.25	3.3	3.35	3.41	3.45	3.55	3.63	3.73	3.83	Input Power (kW)
	1.44	1.61	1.9	2.06	2.1	2.33	2.51	2.66	2.85	3.07	3.32	3.38	3.54	3.61	3.71	3.8	3.86	COP
45	4.36	4.9	5.85	6.42	6.61	7.41	7.97	8.5	9.15	10.01	11	11.39	12.09	12.71	13.36	14.08	14.7	Heating Power (kW)
	3.3	3.32	3.35	3.37	3.4	3.44	3.39	3.44	3.45	3.46	3.55	3.57	3.61	3.71	3.79	3.89	3.99	Input Power (kW)
	1.32	1.48	1.75	1.9	1.95	2.16	2.35	2.47	2.65	2.89	3.1	3.19	3.35	3.43	3.53	3.62	3.68	COP
50	—	4.8	5.75	6.35	6.55	7.31	7.87	8.4	9.05	9.76	10.75	11.14	11.84	12.46	13.11	13.93	14.55	Heating Power (kW)
	—	3.57	3.62	3.65	3.67	3.72	3.62	3.69	3.7	3.71	3.8	3.77	3.81	3.91	3.99	4.09	4.19	Input Power (kW)
	—	1.34	1.59	1.74	1.78	1.97	2.18	2.28	2.45	2.63	2.83	2.96	3.11	3.19	3.29	3.41	3.47	COP
55	—	—	5.65	6.28	6.45	7.21	7.77	8.3	8.95	9.51	10.5	10.89	11.59	12.21	12.86	13.78	14.4	Heating Power (kW)
	—	—	3.9	3.92	3.95	3.99	3.84	3.94	3.95	3.96	4.05	3.97	4.01	4.11	4.19	4.29	4.39	Input Power (kW)
	—	—	1.45	1.6	1.63	1.81	2.02	2.11	2.27	2.4	2.59	2.74	2.89	2.97	3.07	3.21	3.28	COP
60	—	—	5.55	6.18	6.38	7.11	7.67	8.2	8.85	9.26	10.25	10.64	11.34	11.96	12.61	13.63	14.25	Heating Power (kW)
	—	—	4.2	4.22	4.25	4.29	4.14	4.24	4.25	4.26	4.35	4.17	4.26	4.36	4.44	4.54	4.62	Input Power (kW)
	—	—	1.32	1.46	1.5	1.66	1.85	1.93	2.08	2.17	2.36	2.55	2.66	2.74	2.84	3	3.09	COP


		Series: Hero Plus							Model: P10A				Compressor conditions: 90Hz						
		Ambient Temperature (°C)																	
Water outlet (°C)		-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30	35	
35	Heating Power (kW)	4.59	5.64	6.55	7.1	7.6	8.37	8.74	9.49	10.45	11.16	12.5	12.67	13.48	14.62	15.19	15.97	16.72	
	Input Power (kW)	3.17	3.19	3.22	3.24	3.26	3.28	3.29	3.34	3.36	3.4	3.44	3.49	3.59	3.7	3.82	3.92	4.05	
	COP	1.45	1.77	2.04	2.19	2.33	2.55	2.66	2.84	3.11	3.28	3.63	3.64	3.76	3.96	3.98	4.07	4.13	
40	Heating Power (kW)	4.36	5.44	6.34	6.89	7.45	8.22	8.56	9.31	10.27	10.98	12.32	12.49	13.3	14.44	15.01	15.79	16.54	
	Input Power (kW)	3.5	3.52	3.55	3.57	3.59	3.61	3.62	3.67	3.69	3.73	3.77	3.73	3.92	3.94	4.06	4.16	4.29	
	COP	1.25	1.55	1.79	1.93	2.08	2.28	2.36	2.54	2.78	2.94	3.27	3.35	3.39	3.67	3.7	3.8	3.86	
45	Heating Power (kW)	4.21	5.3	6.21	6.77	7.35	8.12	8.44	9.19	10.15	10.86	12.2	12.37	13.18	14.32	14.89	15.67	16.42	
	Input Power (kW)	3.72	3.74	3.77	3.79	3.81	3.83	3.84	3.89	3.91	3.95	3.99	3.89	4.14	4.1	4.22	4.32	4.45	
	COP	1.13	1.42	1.65	1.79	1.93	2.12	2.2	2.36	2.59	2.75	3.06	3.18	3.18	3.5	3.53	3.63	3.69	
50	Heating Power (kW)	—	5.13	6.04	6.62	7.22	8	8.34	9.09	10.05	10.61	11.95	12.12	12.93	14.07	14.64	15.42	16.17	
	Input Power (kW)	—	4.02	4.04	4.07	4.08	4.13	4.12	4.17	4.19	4.23	4.27	4.09	4.42	4.3	4.42	4.52	4.65	
	COP	—	1.28	1.49	1.63	1.77	1.94	2.03	2.18	2.4	2.51	2.8	2.97	2.93	3.28	3.31	3.41	3.48	
55	Heating Power (kW)	—	—	5.84	6.42	7.1	7.87	8.24	8.99	9.95	10.36	11.7	11.87	12.68	13.82	14.39	15.17	15.92	
	Input Power (kW)	—	—	4.32	4.34	4.36	4.41	4.39	4.44	4.46	4.5	4.54	4.29	4.69	4.5	4.62	4.72	4.85	
	COP	—	—	1.35	1.48	1.63	1.79	1.88	2.02	2.23	2.3	2.58	2.77	2.7	3.08	3.11	3.21	3.29	
60	Heating Power (kW)	—	—	5.64	6.22	6.9	7.7	8.14	8.89	9.85	10.11	11.45	11.62	12.43	13.57	14.14	14.92	15.67	
	Input Power (kW)	—	—	4.62	4.64	4.66	4.71	4.67	4.72	4.74	4.78	4.84	4.59	4.99	4.8	4.92	5.02	5.15	
	COP	—	—	1.22	1.34	1.48	1.64	1.74	1.88	2.08	2.12	2.37	2.53	2.49	2.83	2.87	2.97	3.05	


		Series: Hero Plus							Model: P10A				Compressor conditions: Refer to below				
COOLING PERFORMANCE DATA	Water Outlet Temperature	Ambient Temperature: 35/24°C							Ambient Temperature: 43/26°C					<b>Nominal Cooling Capacity:</b>  <b>11.3kW</b>  <i>Ambient Temperature: 35/24°C</i>  <i>Outlet Water Temperature: 7°C</i>			
		20°C	17°C	15°C	12°C	9°C	7°C	5°C	20°C	17°C	15°C	12°C	9°C		7°C	5°C	
	Compressor condition: 70Hz																
	Cooling Power (kW)	11.79	11.17	10.66	9.98	9.36	8.87	8.12	10.3	9.76	9.31	8.72	8.17		8.03	7.35	
	Input Power (kW)	3.65	3.59	3.53	3.47	3.42	3.36	3.31	3.73	3.67	3.61	3.55	3.5		3.42	3.37	
	COP	3.23	3.11	3.02	2.88	2.74	2.64	2.45	2.76	2.66	2.58	2.46	2.34		2.35	2.18	
	Compressor condition: 60Hz																
	Cooling Power (kW)	10.02	9.49	9.06	8.48	7.96	7.54	6.9	8.75	8.31	7.91	7.41	6.95		6.83	6.29	
	Input Power (kW)	2.99	2.94	2.89	2.85	2.8	2.76	2.71	3.06	3.01	2.96	2.91	2.87		2.77	2.73	
	COP	3.35	3.23	3.13	2.98	2.84	2.74	2.54	2.86	2.76	2.67	2.55	2.42		2.46	2.3	
	Compressor condition: 50Hz																
	Cooling Power (kW)	8.84	8.38	8	7.49	7.02	6.65	6.09	7.72	7.32	6.98	6.54	6.13		6.02	5.51	
	Input Power (kW)	2.52	2.48	2.44	2.39	2.36	2.32	2.28	2.61	2.57	2.53	2.48	2.45		2.39	2.36	
	COP	3.51	3.38	3.28	3.13	2.97	2.87	2.67	2.96	2.85	2.76	2.63	2.5		2.52	2.34	
	Compressor condition: 40Hz																
Cooling Power (kW)	7.19	6.81	6.5	6.09	5.71	5.41	4.95	6.28	5.95	5.68	5.32	4.99	4.9	4.48			
Input Power (kW)	2.01	1.97	1.94	1.91	1.88	1.85	1.82	2.05	2.02	1.99	1.95	1.92	1.88	1.85			
COP	3.58	3.45	3.35	3.19	3.04	2.93	2.72	3.06	2.95	2.86	2.72	2.59	2.6	2.42			
Compressor condition: 30Hz																	
Cooling Power (kW)	5.31	5.03	4.8	4.49	4.21	3.99	3.65	4.63	4.39	4.19	3.92	3.68	3.61	3.31			
Input Power (kW)	1.42	1.4	1.38	1.35	1.33	1.31	1.29	1.46	1.43	1.41	1.38	1.36	1.33	1.31			
COP	3.73	3.59	3.48	3.32	3.16	3.05	2.83	3.18	3.07	2.98	2.83	2.7	2.71	2.52			





		Series: <b>Hero Plus</b>								Model: <b>P10T</b>				Compressor conditions: <b>30Hz</b>					
Water outlet (°C)	Ambient Temperature (°C)																		
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35	
35	2.05	2.27	2.64	2.89	3.02	3.4	3.55	3.72	3.98	4.38	4.7	4.85	5.09	5.34	5.67	5.93	6.17	Heating Power (kW)	
	0.91	0.93	0.95	0.98	1	1.02	1.03	1.04	1.05	1.06	1.07	1.09	1.12	1.18	1.22	1.26	1.29	Input Power (kW)	
	2.25	2.44	2.78	2.96	3.04	3.34	3.45	3.58	3.79	4.13	4.39	4.46	4.55	4.51	4.66	4.71	4.77	COP	
40	1.96	2.18	2.55	2.8	2.93	3.29	3.45	3.54	3.8	4.2	4.52	4.67	4.91	5.16	5.49	5.81	6.05	Heating Power (kW)	
	0.97	0.99	1.01	1.04	1.06	1.08	1.09	1.1	1.11	1.12	1.13	1.15	1.19	1.24	1.28	1.32	1.35	Input Power (kW)	
	2.02	2.2	2.52	2.69	2.76	3.05	3.16	3.22	3.42	3.75	4	4.07	4.12	4.15	4.28	4.39	4.47	COP	
45	1.9	2.12	2.49	2.74	2.86	3.22	3.37	3.42	3.68	4.08	4.4	4.55	4.79	5.04	5.37	5.73	5.97	Heating Power (kW)	
	1.01	1.03	1.05	1.09	1.1	1.12	1.13	1.14	1.15	1.16	1.17	1.19	1.24	1.3	1.33	1.36	1.4	Input Power (kW)	
	1.88	2.05	2.37	2.52	2.6	2.88	2.99	3	3.2	3.51	3.76	3.83	3.87	3.88	4.04	4.2	4.27	COP	
50	—	2.05	2.42	2.67	2.78	3.13	3.28	3.32	3.58	3.83	4.15	4.3	4.54	4.79	5.12	5.58	5.82	Heating Power (kW)	
	—	1.08	1.1	1.14	1.15	1.17	1.18	1.19	1.2	1.21	1.22	1.25	1.3	1.37	1.38	1.41	1.45	Input Power (kW)	
	—	1.89	2.19	2.35	2.42	2.68	2.78	2.79	2.98	3.16	3.4	3.44	3.49	3.5	3.7	3.94	4.01	COP	
55	—	—	2.34	2.59	2.7	3.04	3.19	3.22	3.48	3.58	3.9	4.05	4.29	4.54	4.87	5.43	5.67	Heating Power (kW)	
	—	—	1.15	1.19	1.2	1.22	1.23	1.24	1.25	1.26	1.27	1.3	1.36	1.44	1.44	1.46	1.5	Input Power (kW)	
	—	—	2.03	2.18	2.25	2.49	2.6	2.6	2.78	2.84	3.07	3.12	3.16	3.15	3.38	3.71	3.77	COP	
60	—	—	2.27	2.52	2.62	2.94	3.1	3.12	3.38	3.33	3.65	3.8	4.04	4.29	4.62	5.28	5.52	Heating Power (kW)	
	—	—	1.21	1.24	1.26	1.28	1.29	1.3	1.31	1.32	1.33	1.35	1.44	1.51	1.51	1.53	1.57	Input Power (kW)	
	—	—	1.88	2.03	2.09	2.31	2.42	2.41	2.59	2.53	2.75	2.82	2.81	2.84	3.06	3.45	3.51	COP	


		Series: <b>Hero Plus</b>								Model: <b>P10T</b>				Compressor conditions: <b>54Hz</b>					
Water outlet (°C)	Ambient Temperature (°C)																		
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35	
35	3.33	3.69	4.29	4.7	4.91	5.52	5.77	5.97	6.25	7.03	7.63	7.87	8.26	8.67	9.21	9.62	10.01	Heating Power (kW)	
	1.63	1.65	1.67	1.7	1.72	1.74	1.75	1.77	1.8	1.83	1.85	1.88	1.94	2	2.07	2.11	2.15	Input Power (kW)	
	2.04	2.23	2.57	2.77	2.86	3.17	3.3	3.37	3.47	3.84	4.12	4.18	4.26	4.33	4.45	4.57	4.65	COP	
40	3.24	3.6	4.2	4.61	4.81	5.42	5.66	5.79	6.07	6.85	7.45	7.69	8.08	8.49	9.03	9.5	9.89	Heating Power (kW)	
	1.77	1.79	1.81	1.84	1.85	1.88	1.9	1.92	1.94	1.97	2	2.03	2.09	2.15	2.21	2.25	2.29	Input Power (kW)	
	1.83	2.01	2.32	2.51	2.6	2.88	2.98	3.02	3.12	3.47	3.73	3.79	3.87	3.95	4.08	4.22	4.32	COP	
45	3.18	3.54	4.14	4.55	4.75	5.34	5.59	5.67	5.95	6.73	7.33	7.57	7.96	8.37	8.91	9.42	9.81	Heating Power (kW)	
	1.86	1.88	1.9	1.93	1.95	1.97	2	2.02	2.04	2.07	2.1	2.12	2.19	2.24	2.31	2.35	2.38	Input Power (kW)	
	1.71	1.88	2.18	2.36	2.44	2.71	2.79	2.81	2.92	3.25	3.49	3.57	3.64	3.73	3.86	4.01	4.12	COP	
50	—	3.46	4.07	4.47	4.67	5.25	5.5	5.57	5.85	6.48	7.08	7.32	7.71	8.12	8.66	9.27	9.66	Heating Power (kW)	
	—	2	2.02	2.04	2.06	2.09	2.13	2.15	2.16	2.19	2.23	2.24	2.31	2.36	2.43	2.47	2.5	Input Power (kW)	
	—	1.73	2.02	2.19	2.27	2.52	2.59	2.6	2.71	2.96	3.18	3.26	3.33	3.44	3.56	3.76	3.87	COP	
55	—	—	3.99	4.4	4.59	5.16	5.41	5.47	5.75	6.23	6.83	7.07	7.46	7.87	8.41	9.12	9.51	Heating Power (kW)	
	—	—	2.13	2.16	2.18	2.2	2.25	2.27	2.28	2.31	2.35	2.36	2.44	2.48	2.55	2.59	2.61	Input Power (kW)	
	—	—	1.87	2.04	2.11	2.35	2.4	2.41	2.52	2.7	2.91	2.99	3.06	3.17	3.3	3.53	3.64	COP	
60	—	—	3.92	4.32	4.51	5.06	5.32	5.37	5.65	5.98	6.58	6.82	7.21	7.62	8.16	8.97	9.36	Heating Power (kW)	
	—	—	2.28	2.3	2.32	2.35	2.41	2.42	2.44	2.46	2.5	2.51	2.59	2.62	2.69	2.73	2.75	Input Power (kW)	
	—	—	1.72	1.88	1.94	2.16	2.21	2.22	2.32	2.44	2.63	2.72	2.78	2.9	3.03	3.28	3.41	COP	


		Series: <b>Hero Plus</b>								Model: <b>P10T</b>				Compressor conditions: <b>57.5Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	3.5	3.88	4.52	4.94	5.16	5.81	6.07	6.35	6.65	7.32	8.03	8.28	8.69	9.12	9.69	10.13	10.54	Heating Power (kW)
	1.76	1.78	1.8	1.83	1.85	1.87	1.88	1.9	1.93	1.96	2	2.03	2.09	2.15	2.22	2.26	2.3	Input Power (kW)
	1.99	2.18	2.51	2.71	2.8	3.11	3.23	3.34	3.44	3.74	4.02	4.07	4.16	4.24	4.37	4.49	4.58	COP
40	3.41	3.79	4.43	4.85	5.07	5.7	5.96	6.17	6.47	7.14	7.85	8.1	8.51	8.94	9.51	10.01	10.42	Heating Power (kW)
	1.92	1.94	1.96	1.98	2	2.03	2.04	2.06	2.09	2.12	2.16	2.19	2.25	2.31	2.37	2.41	2.45	Input Power (kW)
	1.78	1.96	2.26	2.45	2.53	2.82	2.93	2.99	3.1	3.38	3.63	3.7	3.78	3.87	4	4.15	4.25	COP
45	3.35	3.73	4.37	4.79	5	5.63	5.89	6.05	6.35	7.02	7.73	7.98	8.39	8.82	9.39	9.93	10.34	Heating Power (kW)
	2.03	2.04	2.06	2.09	2.11	2.13	2.14	2.17	2.19	2.22	2.27	2.29	2.36	2.41	2.48	2.52	2.56	Input Power (kW)
	1.65	1.83	2.12	2.3	2.38	2.64	2.75	2.79	2.9	3.16	3.41	3.48	3.56	3.66	3.79	3.94	4.04	COP
50	—	3.65	4.29	4.72	4.92	5.54	5.8	5.95	6.25	6.77	7.48	7.73	8.14	8.57	9.14	9.78	10.19	Heating Power (kW)
	—	2.17	2.19	2.22	2.24	2.26	2.28	2.31	2.32	2.35	2.41	2.42	2.49	2.54	2.61	2.65	2.69	Input Power (kW)
	—	1.68	1.96	2.13	2.2	2.45	2.55	2.58	2.69	2.88	3.11	3.19	3.26	3.37	3.5	3.69	3.79	COP
55	—	—	4.22	4.64	4.84	5.45	5.71	5.85	6.15	6.52	7.23	7.48	7.89	8.32	8.89	9.63	10.04	Heating Power (kW)
	—	—	2.32	2.35	2.37	2.39	2.41	2.44	2.45	2.48	2.54	2.55	2.63	2.67	2.74	2.78	2.82	Input Power (kW)
	—	—	1.82	1.98	2.05	2.28	2.38	2.4	2.51	2.63	2.85	2.93	3	3.11	3.25	3.47	3.56	COP
60	—	—	4.14	4.57	4.76	5.35	5.62	5.75	6.05	6.27	6.98	7.23	7.64	8.07	8.64	9.48	9.89	Heating Power (kW)
	—	—	2.49	2.51	2.53	2.56	2.57	2.6	2.62	2.64	2.7	2.71	2.79	2.82	2.89	2.93	2.97	Input Power (kW)
	—	—	1.66	1.82	1.88	2.1	2.19	2.22	2.31	2.38	2.59	2.67	2.73	2.86	2.99	3.23	3.33	COP


		Series: <b>Hero Plus</b>								Model: <b>P10T</b>				Compressor conditions: <b>66Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	3.9	4.32	5.03	5.51	5.76	6.48	6.77	7.08	7.41	8.16	8.95	9.23	9.68	10.17	10.8	11.29	11.74	Heating Power (kW)
	2.15	2.17	2.19	2.22	2.24	2.26	2.27	2.28	2.31	2.32	2.35	2.38	2.44	2.5	2.57	2.62	2.67	Input Power (kW)
	1.81	1.99	2.3	2.49	2.58	2.87	2.98	3.11	3.21	3.52	3.81	3.87	3.97	4.06	4.2	4.31	4.4	COP
40	3.81	4.23	4.94	5.42	5.66	6.37	6.66	6.9	7.23	7.98	8.77	9.05	9.5	9.99	10.62	11.17	11.62	Heating Power (kW)
	2.37	2.39	2.39	2.43	2.45	2.48	2.49	2.5	2.49	2.49	2.54	2.56	2.61	2.68	2.74	2.79	2.83	Input Power (kW)
	1.61	1.77	2.07	2.23	2.31	2.57	2.68	2.76	2.9	3.2	3.45	3.54	3.64	3.73	3.87	4	4.11	COP
45	3.75	4.17	4.88	5.36	5.6	6.3	6.59	6.78	7.11	7.86	8.65	8.93	9.38	9.87	10.5	11.09	11.54	Heating Power (kW)
	2.51	2.53	2.52	2.58	2.6	2.62	2.63	2.64	2.61	2.61	2.67	2.67	2.73	2.79	2.86	2.91	2.95	Input Power (kW)
	1.49	1.65	1.94	2.08	2.16	2.4	2.5	2.57	2.73	3.01	3.24	3.34	3.44	3.53	3.67	3.81	3.92	COP
50	—	4.1	4.81	5.28	5.52	6.21	6.5	6.68	7.01	7.61	8.4	8.68	9.13	9.62	10.25	10.94	11.39	Heating Power (kW)
	—	2.71	2.69	2.76	2.78	2.8	2.81	2.82	2.75	2.76	2.83	2.82	2.87	2.94	3	3.05	3.09	Input Power (kW)
	—	1.51	1.79	1.92	1.99	2.22	2.31	2.37	2.55	2.76	2.97	3.08	3.18	3.27	3.41	3.58	3.69	COP
55	—	—	4.73	5.21	5.44	6.12	6.41	6.58	6.91	7.36	8.15	8.43	8.88	9.37	10	10.79	11.24	Heating Power (kW)
	—	—	2.85	2.94	2.96	2.98	2.99	3	2.9	2.9	2.99	2.96	3.02	3.08	3.15	3.2	3.24	Input Power (kW)
	—	—	1.66	1.77	1.84	2.05	2.14	2.19	2.39	2.54	2.73	2.85	2.94	3.04	3.18	3.37	3.47	COP
60	—	—	4.66	5.13	5.36	6.02	6.32	6.48	6.81	7.11	7.9	8.18	8.63	9.12	9.75	10.64	11.09	Heating Power (kW)
	—	—	3.06	3.14	3.18	3.21	3.22	3.23	3.09	3.09	3.19	3.14	3.19	3.26	3.32	3.37	3.41	Input Power (kW)
	—	—	1.52	1.64	1.68	1.88	1.97	2.01	2.21	2.3	2.48	2.6	2.7	2.8	2.93	3.15	3.25	COP


		Series: <b>Hero Plus</b>	Model: <b>P10T</b>	Compressor conditions: <b>72Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	4.19	4.64	5.4	5.91	6.17	6.95	7.26	7.6	7.95	8.76	9.6	9.9	10.39	10.91	11.58	12.11	12.6	Heating Power (kW)
	2.36	2.38	2.4	2.43	2.45	2.47	2.48	2.48	2.5	2.52	2.55	2.59	2.65	2.72	2.8	2.86	2.92	Input Power (kW)
	1.77	1.95	2.25	2.44	2.53	2.81	2.93	3.06	3.18	3.47	3.76	3.83	3.93	4.01	4.14	4.24	4.32	COP
40	4.1	4.55	5.31	5.82	6.08	6.84	7.15	7.42	7.77	8.58	9.42	9.72	10.21	10.73	11.4	11.99	12.48	Heating Power (kW)
	2.6	2.62	2.64	2.67	2.69	2.71	2.72	2.72	2.69	2.71	2.76	2.77	2.83	2.91	2.99	3.04	3.1	Input Power (kW)
	1.57	1.73	2.01	2.18	2.26	2.52	2.63	2.73	2.89	3.17	3.41	3.51	3.6	3.69	3.82	3.94	4.02	COP
45	4.04	4.49	5.25	5.76	6.01	6.77	7.08	7.3	7.65	8.46	9.3	9.6	10.09	10.61	11.28	11.91	12.4	Heating Power (kW)
	2.76	2.78	2.8	2.83	2.85	2.87	2.88	2.88	2.81	2.83	2.9	2.9	2.96	3.03	3.11	3.17	3.23	Input Power (kW)
	1.46	1.61	1.87	2.04	2.11	2.36	2.46	2.53	2.72	2.99	3.21	3.32	3.41	3.5	3.63	3.76	3.84	COP
50	—	4.41	5.17	5.68	5.93	6.68	6.99	7.2	7.55	8.21	9.05	9.35	9.84	10.36	11.03	11.76	12.25	Heating Power (kW)
	—	2.98	3	3.03	3.05	3.07	3.08	3.08	2.97	2.99	3.08	3.05	3.11	3.19	3.27	3.32	3.38	Input Power (kW)
	—	1.48	1.72	1.88	1.95	2.18	2.27	2.34	2.55	2.75	2.94	3.07	3.16	3.25	3.38	3.54	3.62	COP
55	—	—	5.1	5.61	5.85	6.59	6.9	7.1	7.45	7.96	8.8	9.1	9.59	10.11	10.78	11.61	12.1	Heating Power (kW)
	—	—	3.2	3.23	3.25	3.27	3.28	3.28	3.12	3.14	3.25	3.21	3.27	3.34	3.42	3.48	3.54	Input Power (kW)
	—	—	1.59	1.74	1.8	2.02	2.1	2.16	2.39	2.53	2.71	2.84	2.94	3.02	3.15	3.34	3.42	COP
60	—	—	5.02	5.53	5.77	6.49	6.81	7	7.35	7.71	8.55	8.85	9.34	9.86	10.53	11.46	11.95	Heating Power (kW)
	—	—	3.45	3.43	3.5	3.52	3.53	3.53	3.31	3.33	3.47	3.4	3.46	3.53	3.61	3.67	3.73	Input Power (kW)
	—	—	1.46	1.62	1.65	1.84	1.93	1.98	2.22	2.31	2.47	2.61	2.7	2.79	2.92	3.13	3.21	COP


		Series: <b>Hero Plus</b>	Model: <b>P10T</b>	Compressor conditions: <b>80Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	4.56	5.1	6.05	6.62	6.73	7.57	8.16	8.78	9.47	10.25	11.3	11.69	12.39	13.01	13.66	14.28	14.9	Heating Power (kW)
	2.75	2.77	2.8	2.82	2.85	2.89	2.91	2.94	2.95	3	3.05	3.11	3.21	3.31	3.39	3.49	3.59	Input Power (kW)
	1.66	1.84	2.16	2.35	2.36	2.62	2.8	2.98	3.21	3.42	3.7	3.76	3.86	3.93	4.03	4.09	4.15	COP
40	4.44	4.98	5.93	6.5	6.65	7.49	8.05	8.6	9.29	10.07	11.12	11.51	12.21	12.83	13.48	14.16	14.78	Heating Power (kW)
	3.08	3.1	3.13	3.15	3.18	3.22	3.21	3.24	3.25	3.3	3.35	3.41	3.45	3.55	3.63	3.73	3.83	Input Power (kW)
	1.44	1.61	1.9	2.06	2.1	2.33	2.51	2.65	2.86	3.05	3.32	3.38	3.54	3.61	3.71	3.8	3.86	COP
45	4.36	4.9	5.85	6.42	6.61	7.41	7.97	8.48	9.17	9.95	11	11.39	12.09	12.71	13.36	14.08	14.7	Heating Power (kW)
	3.3	3.32	3.35	3.37	3.4	3.44	3.39	3.44	3.45	3.46	3.55	3.57	3.61	3.71	3.79	3.89	3.99	Input Power (kW)
	1.32	1.48	1.75	1.9	1.95	2.16	2.35	2.46	2.66	2.88	3.1	3.19	3.35	3.43	3.53	3.62	3.68	COP
50	—	4.8	5.75	6.35	6.55	7.31	7.87	8.38	9.07	9.7	10.75	11.14	11.84	12.46	13.11	13.93	14.55	Heating Power (kW)
	—	3.57	3.62	3.65	3.67	3.72	3.62	3.69	3.7	3.71	3.8	3.77	3.81	3.91	3.99	4.09	4.19	Input Power (kW)
	—	1.34	1.59	1.74	1.78	1.97	2.18	2.27	2.45	2.61	2.83	2.96	3.11	3.19	3.29	3.41	3.47	COP
55	—	—	5.65	6.28	6.45	7.21	7.77	8.28	8.97	9.45	10.5	10.89	11.59	12.21	12.86	13.78	14.4	Heating Power (kW)
	—	—	3.9	3.92	3.95	3.99	3.84	3.94	3.95	3.96	4.05	3.97	4.01	4.11	4.19	4.29	4.39	Input Power (kW)
	—	—	1.45	1.6	1.63	1.81	2.02	2.1	2.27	2.39	2.59	2.74	2.89	2.97	3.07	3.21	3.28	COP
60	—	—	5.55	6.18	6.38	7.11	7.67	8.18	8.87	9.2	10.25	10.64	11.34	11.96	12.61	13.63	14.25	Heating Power (kW)
	—	—	4.2	4.22	4.25	4.29	4.14	4.24	4.25	4.26	4.35	4.17	4.26	4.36	4.44	4.54	4.62	Input Power (kW)
	—	—	1.32	1.46	1.5	1.66	1.85	1.93	2.09	2.16	2.36	2.55	2.66	2.74	2.84	3	3.09	COP


		Series: Hero Plus							Model: P10T				Compressor conditions: 90Hz					*condition may not be reached under high pressure ratios
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	4.59	5.64	6.55	7.1	7.6	8.37	8.74	9.49	10.45	11.16	12.5	12.67	13.48	14.62	15.19	15.97	16.72	Heating Power (kW)
	3.17	3.19	3.22	3.24	3.26	3.28	3.29	3.34	3.36	3.4	3.44	3.49	3.59	3.7	3.82	3.92	4.05	Input Power (kW)
	1.45	1.77	2.04	2.19	2.33	2.55	2.66	2.84	3.11	3.28	3.63	3.64	3.76	3.96	3.98	4.07	4.13	COP
40	4.36	5.44	6.34	6.89	7.45	8.22	8.56	9.31	10.27	10.98	12.32	12.49	13.3	14.44	15.01	15.79	16.54	Heating Power (kW)
	3.5	3.52	3.55	3.57	3.59	3.61	3.62	3.67	3.69	3.73	3.77	3.73	3.92	3.94	4.06	4.16	4.29	Input Power (kW)
	1.25	1.55	1.79	1.93	2.08	2.28	2.36	2.54	2.78	2.94	3.27	3.35	3.39	3.67	3.7	3.8	3.86	COP
45	4.21	5.3	6.21	6.77	7.35	8.12	8.44	9.19	10.15	10.86	12.2	12.37	13.18	14.32	14.89	15.67	16.42	Heating Power (kW)
	3.72	3.74	3.77	3.79	3.81	3.83	3.84	3.89	3.91	3.95	3.99	3.89	4.14	4.1	4.22	4.32	4.45	Input Power (kW)
	1.13	1.42	1.65	1.79	1.93	2.12	2.2	2.36	2.59	2.75	3.06	3.18	3.18	3.5	3.53	3.63	3.69	COP
50	—	5.13	6.04	6.62	7.22	8	8.34	9.09	10.05	10.61	11.95	12.12	12.93	14.07	14.64	15.42	16.17	Heating Power (kW)
	—	4.02	4.04	4.07	4.08	4.13	4.12	4.17	4.19	4.23	4.27	4.09	4.42	4.3	4.42	4.52	4.65	Input Power (kW)
	—	1.28	1.49	1.63	1.77	1.94	2.03	2.18	2.4	2.51	2.8	2.97	2.93	3.28	3.31	3.41	3.48	COP
55	—	—	5.84	6.42	7.1	7.87	8.24	8.99	9.95	10.36	11.7	11.87	12.68	13.82	14.39	15.17	15.92	Heating Power (kW)
	—	—	4.32	4.34	4.36	4.41	4.39	4.44	4.46	4.5	4.54	4.29	4.69	4.5	4.62	4.72	4.85	Input Power (kW)
	—	—	1.35	1.48	1.63	1.79	1.88	2.02	2.23	2.3	2.58	2.77	2.7	3.08	3.11	3.21	3.29	COP
60	—	—	5.64	6.22	6.9	7.7	8.14	8.89	9.85	10.11	11.45	11.62	12.43	13.57	14.14	14.92	15.67	Heating Power (kW)
	—	—	4.62	4.64	4.66	4.71	4.67	4.72	4.74	4.78	4.84	4.59	4.99	4.8	4.92	5.02	5.15	Input Power (kW)
	—	—	1.22	1.34	1.48	1.64	1.74	1.88	2.08	2.12	2.37	2.53	2.49	2.83	2.87	2.97	3.05	COP


		Series: Hero Plus							Model: P10T				Compressor conditions: Refer to below				
COOLING PERFORMANCE DATA	Water Outlet Temperature	Ambient Temperature: 35/24°C							Ambient Temperature: 43/26°C							Nominal Cooling Capacity:  11.3kW  Ambient Temperature: 35/24°C  Outlet Water Temperature: 7°C	
		20°C	17°C	15°C	12°C	9°C	7°C	5°C	20°C	17°C	15°C	12°C	9°C	7°C	5°C		
	Compressor condition: 70Hz																
	Cooling Power (kW)	11.65	11.03	10.42	9.93	9.31	8.85	8.08	10.39	9.83	9.29	8.85	8.3	8.01	7.31		
	Input Power (kW)	3.61	3.57	3.5	3.42	3.36	3.31	3.28	3.68	3.64	3.57	3.49	3.43	3.39	3.36		
	COP	3.23	3.09	2.98	2.9	2.77	2.67	2.46	2.82	2.7	2.6	2.54	2.42	2.36	2.18		
	Compressor condition: 60Hz																
	Cooling Power (kW)	9.9	9.38	8.86	8.44	7.91	7.52	6.87	8.83	8.38	7.9	7.53	7.06	6.81	6.25		
	Input Power (kW)	2.96	2.93	2.87	2.8	2.76	2.71	2.69	3.02	2.99	2.93	2.86	2.81	2.75	2.72		
	COP	3.35	3.2	3.09	3.01	2.87	2.77	2.55	2.92	2.81	2.7	2.63	2.51	2.48	2.3		
Compressor condition: 50Hz																	
Cooling Power (kW)	8.74	8.27	7.82	7.45	6.98	6.64	6.06	7.79	7.38	6.97	6.64	6.23	6.01	5.48			
Input Power (kW)	2.49	2.46	2.42	2.36	2.32	2.28	2.26	2.58	2.55	2.5	2.44	2.4	2.37	2.35			
COP	3.51	3.36	3.24	3.16	3.01	2.91	2.68	3.02	2.89	2.79	2.72	2.59	2.53	2.33			
Compressor condition: 40Hz																	
Cooling Power (kW)	7.11	6.73	6.36	6.06	5.68	5.4	4.93	6.34	6	5.67	5.4	5.06	4.89	4.46			
Input Power (kW)	1.99	1.96	1.93	1.88	1.85	1.82	1.8	2.03	2	1.96	1.92	1.88	1.86	1.85			
COP	3.58	3.43	3.3	3.22	3.07	2.97	2.73	3.13	3	2.89	2.81	2.69	2.62	2.41			
Compressor condition: 30Hz																	
Cooling Power (kW)	5.24	4.96	4.69	4.47	4.19	3.98	3.64	4.67	4.43	4.18	3.98	3.74	3.6	3.29			
Input Power (kW)	1.41	1.39	1.37	1.33	1.31	1.29	1.28	1.44	1.42	1.39	1.36	1.34	1.32	1.31			
COP	3.72	3.56	3.44	3.35	3.2	3.09	2.84	3.25	3.12	3	2.93	2.79	2.73	2.51			


		Series: <b>Hero Plus</b>	Model: <b>P17A</b>	Compressor conditions: <b>30Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	3.22	3.73	4.14	4.86	5.32	5.67	5.94	6.13	6.35	6.83	7.32	7.6	8.21	8.81	9.36	9.9	10.51	Heating Power (kW)
	1.27	1.37	1.47	1.52	1.54	1.56	1.56	1.57	1.59	1.6	1.61	1.66	1.76	1.87	1.97	2.07	2.17	Input Power (kW)
	2.54	2.72	2.81	3.19	3.47	3.63	3.81	3.9	3.99	4.27	4.55	4.59	4.66	4.72	4.75	4.78	4.85	COP
40	3.09	3.6	4.01	4.72	5.2	5.55	5.82	6.01	6.17	6.65	7.14	7.42	8.01	8.62	9.16	9.7	10.32	Heating Power (kW)
	1.48	1.58	1.68	1.73	1.75	1.77	1.77	1.78	1.8	1.81	1.82	1.87	1.97	2.08	2.18	2.25	2.35	Input Power (kW)
	2.09	2.28	2.38	2.73	2.98	3.13	3.29	3.38	3.43	3.67	3.92	3.98	4.07	4.15	4.2	4.31	4.39	COP
45	3	3.51	3.92	4.64	5.12	5.47	5.74	5.93	6.05	6.53	7.02	7.3	7.89	8.49	9.04	9.58	10.19	Heating Power (kW)
	1.62	1.72	1.82	1.87	1.89	1.91	1.91	1.92	1.94	1.95	1.96	2.01	2.11	2.22	2.32	2.37	2.47	Input Power (kW)
	1.85	2.04	2.15	2.48	2.72	2.86	3.01	3.09	3.12	3.35	3.58	3.64	3.74	3.83	3.89	4.04	4.13	COP
50	—	3.4	3.81	4.53	5.02	5.37	5.64	5.83	5.9	6.38	6.87	7.15	7.64	8.24	8.79	9.33	9.94	Heating Power (kW)
	—	1.9	2	2.05	2.06	2.09	2.09	2.1	2.12	2.13	2.14	2.18	2.29	2.39	2.48	2.52	2.62	Input Power (kW)
	—	1.79	1.91	2.21	2.44	2.57	2.71	2.78	2.79	3	3.22	3.28	3.34	3.45	3.55	3.7	3.8	COP
55	—	—	3.7	4.42	4.92	5.27	5.54	5.7	5.75	6.23	6.72	7	7.39	7.99	8.54	9.08	9.69	Heating Power (kW)
	—	—	2.17	2.22	2.24	2.26	2.26	2.27	2.29	2.3	2.31	2.36	2.44	2.57	2.63	2.67	2.77	Input Power (kW)
	—	—	1.7	1.99	2.2	2.33	2.45	2.51	2.51	2.71	2.91	2.97	3.03	3.11	3.25	3.4	3.5	COP
60	—	—	3.59	4.3	4.82	5.17	5.43	5.57	5.6	6.08	6.57	6.85	7.14	7.74	8.29	8.83	9.44	Heating Power (kW)
	—	—	2.35	2.4	2.41	2.44	2.44	2.45	2.47	2.48	2.49	2.53	2.6	2.74	2.79	2.83	2.92	Input Power (kW)
	—	—	1.53	1.8	2	2.12	2.23	2.28	2.27	2.46	2.64	2.71	2.75	2.82	2.98	3.12	3.23	COP


		Series: <b>Hero Plus</b>	Model: <b>P17A</b>	Compressor conditions: <b>54Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	5.6	6.48	7.19	8.44	9.24	9.85	10.33	10.65	11.03	11.87	12.72	12.97	13.99	15.02	15.6	16.5	17.53	Heating Power (kW)
	2.86	2.96	3.06	3.11	3.13	3.15	3.17	3.18	3.22	3.25	3.28	3.33	3.46	3.6	3.72	3.82	3.95	Input Power (kW)
	1.96	2.19	2.35	2.71	2.96	3.13	3.26	3.35	3.43	3.65	3.88	3.89	4.05	4.18	4.19	4.32	4.44	COP
40	5.47	6.35	7.06	8.31	9.12	9.73	10.21	10.53	10.85	11.69	12.54	12.79	13.8	14.83	15.41	16.31	17.34	Heating Power (kW)
	3.28	3.38	3.48	3.53	3.55	3.57	3.59	3.6	3.64	3.67	3.7	3.75	3.88	4.02	4.14	4.19	4.32	Input Power (kW)
	1.67	1.88	2.03	2.35	2.57	2.72	2.84	2.93	2.98	3.19	3.39	3.41	3.56	3.69	3.72	3.89	4.02	COP
45	5.38	6.26	6.97	8.22	9.04	9.65	10.13	10.45	10.73	11.57	12.42	12.67	13.67	14.7	15.28	16.18	17.21	Heating Power (kW)
	3.56	3.66	3.76	3.81	3.83	3.85	3.87	3.88	3.92	3.95	3.98	4.03	4.16	4.3	4.39	4.44	4.57	Input Power (kW)
	1.51	1.71	1.85	2.16	2.36	2.51	2.62	2.69	2.74	2.93	3.12	3.14	3.29	3.42	3.48	3.64	3.77	COP
50	—	6.15	6.86	8.11	8.94	9.55	10.03	10.35	10.58	11.42	12.27	12.52	13.42	14.45	15.03	15.93	16.96	Heating Power (kW)
	—	4.01	4.11	4.16	4.18	4.2	4.22	4.23	4.27	4.3	4.33	4.38	4.51	4.65	4.7	4.75	4.88	Input Power (kW)
	—	1.53	1.67	1.95	2.14	2.27	2.38	2.45	2.48	2.66	2.83	2.86	2.98	3.11	3.2	3.35	3.48	COP
55	—	—	6.75	8	8.84	9.45	9.93	10.22	10.43	11.27	12.12	12.37	13.17	14.2	14.78	15.68	16.71	Heating Power (kW)
	—	—	4.46	4.51	4.53	4.55	4.57	4.58	4.62	4.65	4.68	4.73	4.82	5	5.01	5.06	5.19	Input Power (kW)
	—	—	1.51	1.77	1.95	2.08	2.17	2.23	2.26	2.42	2.59	2.61	2.74	2.84	2.95	3.1	3.22	COP
60	—	—	6.64	7.88	8.74	9.35	9.82	10.09	10.28	11.12	11.97	12.22	12.92	13.95	14.53	15.43	16.46	Heating Power (kW)
	—	—	4.81	4.86	4.88	4.9	4.92	4.93	4.97	5	5.03	5.08	5.13	5.35	5.32	5.37	5.5	Input Power (kW)
	—	—	1.38	1.62	1.79	1.91	2	2.05	2.07	2.22	2.38	2.4	2.52	2.61	2.73	2.87	3	COP


		Series: <b>Hero Plus</b>								Model: <b>P17A</b>				Compressor conditions: <b>57.5Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	5.98	6.92	7.68	9.01	9.87	10.51	11.02	11.37	11.78	12.67	13.58	13.84	14.94	16.04	16.65	17.52	18.61	Heating Power (kW)
	3.16	3.26	3.36	3.41	3.43	3.45	3.46	3.48	3.5	3.54	3.56	3.61	3.74	3.88	4	4.1	4.23	Input Power (kW)
	1.89	2.12	2.28	2.64	2.88	3.05	3.19	3.27	3.37	3.58	3.81	3.83	4	4.14	4.16	4.27	4.4	COP
40	5.84	6.78	7.53	8.86	9.74	10.39	10.89	11.23	11.57	12.47	13.38	13.64	14.74	15.84	16.45	17.31	18.4	Heating Power (kW)
	3.62	3.72	3.82	3.87	3.89	3.91	3.92	3.94	3.96	4	4.02	4.07	4.14	4.28	4.4	4.5	4.63	Input Power (kW)
	1.61	1.82	1.97	2.29	2.51	2.66	2.78	2.85	2.92	3.12	3.33	3.35	3.56	3.7	3.74	3.84	3.98	COP
45	5.74	6.68	7.44	8.77	9.66	10.3	10.8	11.13	11.44	12.33	13.24	13.5	14.6	15.7	16.31	17.18	18.27	Heating Power (kW)
	3.93	4.03	4.13	4.18	4.2	4.22	4.23	4.25	4.27	4.31	4.33	4.38	4.41	4.57	4.67	4.77	4.9	Input Power (kW)
	1.46	1.66	1.8	2.1	2.3	2.44	2.55	2.62	2.68	2.86	3.06	3.08	3.31	3.44	3.49	3.6	3.73	COP
50	—	6.56	7.32	8.66	9.56	10.2	10.69	11.02	11.27	12.16	12.98	13.24	14.34	15.44	16.05	16.92	18.01	Heating Power (kW)
	—	4.42	4.52	4.57	4.58	4.61	4.62	4.64	4.66	4.7	4.72	4.74	4.79	4.91	5.01	5.11	5.23	Input Power (kW)
	—	1.49	1.62	1.9	2.09	2.21	2.32	2.38	2.42	2.59	2.75	2.8	2.99	3.15	3.21	3.31	3.44	COP
55	—	—	7.2	8.54	9.45	10.09	10.58	10.87	11.1	11.97	12.72	12.98	14.08	15.18	15.79	16.66	17.75	Heating Power (kW)
	—	—	4.9	4.95	4.97	4.99	5	5.02	5.04	5.08	5.1	5.12	5.13	5.24	5.34	5.44	5.57	Input Power (kW)
	—	—	1.47	1.73	1.9	2.02	2.12	2.17	2.2	2.36	2.49	2.54	2.75	2.9	2.96	3.06	3.19	COP
60	—	—	7.08	8.42	9.34	9.99	10.46	10.72	10.93	11.78	12.46	12.72	13.82	14.92	15.53	16.4	17.49	Heating Power (kW)
	—	—	5.29	5.34	5.35	5.38	5.43	5.45	5.47	5.47	5.49	5.51	5.46	5.58	5.68	5.78	5.9	Input Power (kW)
	—	—	1.34	1.58	1.75	1.86	1.93	1.97	2	2.16	2.27	2.31	2.53	2.68	2.74	2.84	2.96	COP

		Series: <b>Hero Plus</b>								Model: <b>P17A</b>				Compressor conditions: <b>66Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	6.78	7.85	8.7	10.21	11.19	11.92	12.5	12.9	13.36	14.37	15.4	15.7	16.94	18.19	18.89	19.91	21.15	Heating Power (kW)
	3.75	3.85	3.95	4	4.02	4.04	4.05	4.08	4.1	4.14	4.19	4.24	4.37	4.51	4.63	4.73	4.85	Input Power (kW)
	1.81	2.04	2.2	2.55	2.79	2.95	3.09	3.16	3.26	3.47	3.68	3.7	3.88	4.04	4.08	4.21	4.36	COP
40	6.63	7.7	8.55	10.06	11.06	11.79	12.35	12.74	13.14	14.15	15.18	15.48	16.73	17.97	18.67	19.69	20.94	Heating Power (kW)
	4.29	4.39	4.49	4.54	4.56	4.58	4.59	4.62	4.64	4.68	4.73	4.78	4.91	5.05	5.17	5.21	5.33	Input Power (kW)
	1.55	1.75	1.91	2.22	2.43	2.57	2.69	2.76	2.83	3.02	3.21	3.24	3.41	3.56	3.61	3.78	3.93	COP
45	6.53	7.6	8.45	9.96	10.97	11.7	12.25	12.63	13	14.01	15.04	15.34	16.58	17.83	18.53	19.55	20.79	Heating Power (kW)
	4.65	4.75	4.85	4.9	4.92	4.94	4.95	4.98	5	5.04	5.09	5.14	5.27	5.41	5.49	5.53	5.65	Input Power (kW)
	1.41	1.6	1.74	2.03	2.23	2.37	2.48	2.54	2.6	2.78	2.95	2.98	3.15	3.3	3.37	3.53	3.68	COP
50	—	7.47	8.33	9.84	10.86	11.59	12.13	12.45	12.82	13.83	14.77	15.07	16.31	17.56	18.26	19.28	20.52	Heating Power (kW)
	—	5.2	5.3	5.35	5.37	5.39	5.4	5.43	5.45	5.49	5.54	5.59	5.72	5.86	5.89	5.93	6.05	Input Power (kW)
	—	1.44	1.57	1.84	2.02	2.15	2.25	2.29	2.35	2.52	2.67	2.7	2.85	3	3.1	3.25	3.39	COP
55	—	—	8.2	9.71	10.75	11.48	12	12.27	12.64	13.63	14.5	14.8	16.04	17.29	17.99	19.01	20.25	Heating Power (kW)
	—	—	5.75	5.8	5.82	5.84	5.85	5.88	5.9	5.94	5.99	6.04	6.12	6.31	6.29	6.33	6.45	Input Power (kW)
	—	—	1.43	1.67	1.85	1.97	2.05	2.09	2.14	2.29	2.42	2.45	2.62	2.74	2.86	3	3.14	COP
60	—	—	8.08	9.58	10.64	11.37	11.87	12.09	12.46	13.43	14.23	14.53	15.77	17.02	17.72	18.74	19.98	Heating Power (kW)
	—	—	6.2	6.25	6.27	6.29	6.35	6.38	6.4	6.39	6.44	6.49	6.52	6.76	6.69	6.73	6.85	Input Power (kW)
	—	—	1.3	1.53	1.7	1.81	1.87	1.89	1.95	2.1	2.21	2.24	2.42	2.52	2.65	2.78	2.92	COP


		Series: <b>Hero Plus</b>	Model: <b>P17A</b>	Compressor conditions: <b>72Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	7.41	8.57	9.5	11.15	12.22	13.01	13.65	14.08	14.58	15.69	16.81	17.14	18.49	19.85	20.85	21.54	22.61	Heating Power (kW)
	4.16	4.26	4.36	4.41	4.43	4.45	4.47	4.5	4.51	4.55	4.63	4.68	4.81	4.95	5.07	5.17	5.3	Input Power (kW)
	1.78	2.01	2.18	2.53	2.76	2.92	3.05	3.13	3.23	3.45	3.63	3.66	3.85	4.01	4.11	4.17	4.27	COP
40	7.24	8.4	9.34	10.99	12.08	12.87	13.48	13.9	14.27	15.38	16.57	16.9	18.25	19.61	20.61	21.3	22.37	Heating Power (kW)
	4.76	4.86	4.96	5.01	5.03	5.05	5.07	5.1	5.11	5.15	5.23	5.28	5.41	5.55	5.73	5.71	5.84	Input Power (kW)
	1.52	1.73	1.88	2.19	2.4	2.55	2.66	2.73	2.79	2.99	3.17	3.2	3.38	3.54	3.6	3.73	3.83	COP
45	7.14	8.3	9.23	10.88	12	12.77	13.38	13.78	14.11	15.18	16.41	16.74	18.09	19.45	20.45	21.14	22.21	Heating Power (kW)
	5.16	5.26	5.36	5.41	5.43	5.45	5.47	5.5	5.51	5.55	5.63	5.68	5.81	5.95	6.13	6.07	6.2	Input Power (kW)
	1.38	1.58	1.72	2.01	2.21	2.34	2.45	2.51	2.56	2.73	2.91	2.95	3.12	3.27	3.34	3.48	3.58	COP
50	—	8.16	9.1	10.75	11.89	12.65	13.24	13.58	13.91	14.75	16.11	16.44	17.79	19.15	20.15	20.84	21.91	Heating Power (kW)
	—	5.76	5.86	5.91	5.93	5.95	5.97	6	6.01	6.05	6.13	6.18	6.31	6.45	6.58	6.52	6.65	Input Power (kW)
	—	1.42	1.55	1.82	2.01	2.13	2.22	2.26	2.32	2.44	2.63	2.66	2.82	2.97	3.06	3.2	3.3	COP
55	—	—	8.96	10.61	11.78	12.53	13.11	13.38	13.71	14.33	15.81	16.14	17.49	18.85	19.85	20.54	21.61	Heating Power (kW)
	—	—	6.36	6.41	6.43	6.45	6.47	6.5	6.51	6.55	6.63	6.68	6.81	6.95	7.03	6.97	7.1	Input Power (kW)
	—	—	1.41	1.66	1.83	1.94	2.03	2.06	2.11	2.19	2.38	2.42	2.57	2.71	2.82	2.95	3.05	COP
60	—	—	8.83	10.46	11.66	12.4	12.96	13.18	13.51	13.9	15.51	15.84	17.19	18.55	19.55	20.24	21.31	Heating Power (kW)
	—	—	6.86	6.91	6.93	6.95	7.02	7.05	7.06	7.05	7.13	7.18	7.31	7.45	7.48	7.42	7.55	Input Power (kW)
	—	—	1.29	1.51	1.68	1.78	1.85	1.87	1.91	1.97	2.18	2.21	2.35	2.49	2.61	2.73	2.82	COP


		Series: <b>Hero Plus</b>	Model: <b>P17A</b>	Compressor conditions: <b>80Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	7.5	8.88	9.8	11.04	12.44	13.61	14.26	14.67	15.18	16.93	18.56	19.08	20.59	21.88	22.97	24.16	25.36	Heating Power (kW)
	4.43	4.53	4.63	4.68	4.7	4.71	4.72	4.73	4.73	4.95	5.15	5.2	5.33	5.5	5.68	5.83	5.98	Input Power (kW)
	1.69	1.96	2.12	2.36	2.65	2.89	3.02	3.1	3.21	3.42	3.6	3.67	3.87	3.98	4.05	4.15	4.24	COP
40	7.33	8.71	9.64	10.88	12.28	13.44	14.1	14.51	15.02	16.72	18.38	18.84	20.29	21.57	22.67	23.86	25.06	Heating Power (kW)
	5.15	5.25	5.35	5.4	5.42	5.43	5.44	5.45	5.45	5.61	5.81	5.86	5.99	6.1	6.28	6.43	6.64	Input Power (kW)
	1.42	1.66	1.8	2.01	2.27	2.48	2.59	2.66	2.76	2.98	3.16	3.22	3.39	3.54	3.61	3.71	3.78	COP
45	7.23	8.61	9.53	10.77	12.17	13.34	13.99	14.4	14.91	16.58	18.26	18.68	20.08	21.37	22.47	23.66	24.86	Heating Power (kW)
	5.63	5.73	5.83	5.88	5.9	5.91	5.92	5.93	5.93	6.05	6.25	6.3	6.43	6.5	6.68	6.83	7.04	Input Power (kW)
	1.28	1.5	1.64	1.83	2.06	2.26	2.36	2.43	2.51	2.74	2.92	2.97	3.13	3.29	3.37	3.47	3.53	COP
50	—	8.47	9.4	10.63	12.03	13.2	13.86	14.2	14.71	16.28	17.91	18.33	19.66	20.94	22.07	23.26	24.46	Heating Power (kW)
	—	6.33	6.43	6.48	6.5	6.51	6.52	6.53	6.53	6.6	6.8	6.85	6.98	7.05	7.18	7.33	7.54	Input Power (kW)
	—	1.34	1.46	1.64	1.85	2.03	2.13	2.18	2.25	2.47	2.63	2.68	2.82	2.97	3.08	3.18	3.25	COP
55	—	—	9.26	10.5	11.9	13.07	13.72	14	14.51	15.98	17.56	17.98	19.23	20.52	21.67	22.86	24.06	Heating Power (kW)
	—	—	7.03	7.08	7.1	7.11	7.12	7.13	7.13	7.2	7.35	7.4	7.53	7.6	7.68	7.83	8.04	Input Power (kW)
	—	—	1.32	1.48	1.68	1.84	1.93	1.96	2.04	2.22	2.39	2.43	2.56	2.7	2.82	2.92	2.99	COP
60	—	—	9.13	10.35	11.76	12.92	13.57	13.8	14.31	15.68	17.21	17.63	18.81	20.09	21.27	22.46	23.66	Heating Power (kW)
	—	—	7.63	7.68	7.7	7.76	7.77	7.78	7.78	7.8	7.95	7.95	8.13	8.15	8.28	8.43	8.64	Input Power (kW)
	—	—	1.2	1.35	1.53	1.66	1.75	1.77	1.84	2.01	2.16	2.22	2.31	2.46	2.57	2.67	2.74	COP


		Series: Hero Plus							Model: P17A				Compressor conditions: 90Hz					*condition may not be reached under high pressure ratios
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	8.28	9.8	11.06	12.62	14.13	15.03	15.43	16.03	16.7	18.7	20.5	20.9	22.55	24.21	25.14	26.6	27.91	Heating Power (kW)
	5.45	5.55	5.65	5.7	5.72	5.73	5.78	5.8	5.84	5.87	6	6.05	6.18	6.32	6.46	6.6	6.74	Input Power (kW)
	1.52	1.77	1.96	2.21	2.47	2.62	2.67	2.76	2.86	3.19	3.42	3.45	3.65	3.83	3.89	4.03	4.14	COP
40	8.12	9.64	10.9	12.46	13.96	14.87	15.25	15.79	16.39	18.46	20.19	20.59	22.25	23.91	24.84	26.3	27.61	Heating Power (kW)
	6.17	6.27	6.37	6.42	6.44	6.45	6.5	6.52	6.56	6.59	6.72	6.77	6.9	6.98	7.12	7.26	7.4	Input Power (kW)
	1.32	1.54	1.71	1.94	2.17	2.3	2.35	2.42	2.5	2.8	3.01	3.04	3.23	3.43	3.49	3.62	3.73	COP
45	8.01	9.53	10.79	12.35	13.86	14.76	15.13	15.63	16.19	18.3	19.99	20.39	22.04	23.7	24.64	26.1	27.41	Heating Power (kW)
	6.65	6.75	6.85	6.9	6.92	6.93	6.98	7	7.04	7.07	7.2	7.25	7.38	7.42	7.56	7.7	7.84	Input Power (kW)
	1.2	1.41	1.58	1.79	2	2.13	2.17	2.23	2.3	2.59	2.78	2.81	2.99	3.2	3.26	3.39	3.5	COP
50	—	9.4	10.66	12.21	13.72	14.62	14.98	15.33	15.76	18	19.57	19.96	21.62	23.28	24.24	25.7	27.01	Heating Power (kW)
	—	7.35	7.45	7.5	7.52	7.53	7.58	7.6	7.64	7.67	7.8	7.85	7.98	8.02	8.11	8.25	8.39	Input Power (kW)
	—	1.28	1.43	1.63	1.83	1.94	1.98	2.02	2.06	2.35	2.51	2.54	2.71	2.9	2.99	3.12	3.22	COP
55	—	—	10.52	12.08	13.59	14.49	14.83	15.03	15.34	17.7	19.14	19.54	21.19	22.85	23.84	25.3	26.61	Heating Power (kW)
	—	—	8.05	8.1	8.12	8.13	8.18	8.2	8.24	8.27	8.4	8.45	8.58	8.62	8.66	8.8	8.94	Input Power (kW)
	—	—	1.31	1.49	1.67	1.78	1.81	1.83	1.86	2.14	2.28	2.31	2.47	2.65	2.75	2.88	2.98	COP
60	—	—	10.39	11.93	13.45	14.34	14.63	14.73	15.14	17.4	18.72	19.11	20.77	22.43	23.44	24.9	26.21	Heating Power (kW)
	—	—	8.65	8.7	8.72	8.78	8.83	8.85	8.89	8.87	9.05	9.05	9.23	9.22	9.31	9.4	9.54	Input Power (kW)
	—	—	1.2	1.37	1.54	1.63	1.66	1.66	1.7	1.96	2.07	2.11	2.25	2.43	2.52	2.65	2.75	COP


		Series: Hero Plus							Model: P17A				Compressor conditions: Refer to below				
COOLING PERFORMANCE DATA	Water Outlet Temperature	Ambient Temperature: 35/24°C							Ambient Temperature: 43/26°C					Nominal Cooling Capacity:  15.5kW  Ambient Temperature: 35/24°C  Outlet Water Temperature: 7°C			
		20°C	17°C	15°C	12°C	9°C	7°C	5°C	20°C	17°C	15°C	12°C	9°C		7°C	5°C	
	Compressor condition: 70Hz																
	Cooling Power (kW)	17.31	16.41	16.08	15.56	15.02	14.39	13.83	16.53	15.68	15.36	14.86	14.35		13.21	12.7	
	Input Power (kW)	6.53	6.5	6.47	6.43	6.39	6.36	6.42	6.59	6.56	6.53	6.49	6.45		6.41	6.47	
	COP	2.65	2.52	2.49	2.42	2.35	2.26	2.15	2.51	2.39	2.35	2.29	2.22		2.06	1.96	
	Compressor condition: 60Hz																
	Cooling Power (kW)	14.71	13.95	13.67	13.23	12.77	12.23	11.76	14.05	13.36	13.06	12.63	12.2		11.23	10.86	
	Input Power (kW)	5.35	5.33	5.31	5.27	5.24	5.22	5.26	5.4	5.38	5.35	5.32	5.29		5.19	5.24	
	COP	2.75	2.62	2.58	2.51	2.44	2.35	2.23	2.6	2.48	2.44	2.37	2.31		2.16	2.07	
	Compressor condition: 50Hz																
	Cooling Power (kW)	12.98	12.31	12.06	11.67	11.27	10.79	10.37	12.4	11.76	11.52	11.15	10.76		9.91	9.52	
	Input Power (kW)	4.51	4.49	4.46	4.44	4.41	4.39	4.43	4.61	4.59	4.57	4.54	4.51		4.49	4.53	
	COP	2.88	2.74	2.7	2.63	2.55	2.46	2.34	2.69	2.56	2.52	2.45	2.38		2.21	2.1	
	Compressor condition: 40Hz																
	Cooling Power (kW)	10.56	10.01	9.81	9.49	9.16	8.78	8.44	10.09	9.56	9.37	9.07	8.75		8.06	7.74	
Input Power (kW)	3.59	3.58	3.56	3.54	3.51	3.5	3.53	3.62	3.61	3.59	3.57	3.55	3.53	3.56			
COP	2.94	2.8	2.76	2.68	2.61	2.51	2.39	2.78	2.65	2.61	2.54	2.47	2.29	2.18			
Compressor condition: 30Hz																	
Cooling Power (kW)	7.79	7.38	7.24	7	6.76	6.48	6.22	7.44	7.05	6.91	6.69	6.46	5.94	5.71			
Input Power (kW)	2.55	2.54	2.52	2.51	2.49	2.48	2.5	2.57	2.56	2.55	2.53	2.52	2.5	2.52			
COP	3.06	2.91	2.87	2.79	2.71	2.61	2.49	2.89	2.76	2.71	2.64	2.57	2.38	2.26			





		Series: <b>Hero Plus</b>	Model: <b>P17T</b>	Compressor conditions: <b>30Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	3.23	3.74	4.14	4.86	5.33	5.67	5.95	6.14	6.36	6.84	7.33	7.61	8.22	8.82	9.16	9.69	10.29	Heating Power (kW)
	1.27	1.37	1.47	1.52	1.54	1.56	1.56	1.57	1.59	1.6	1.61	1.66	1.76	1.87	1.97	2.07	2.17	Input Power (kW)
	2.54	2.73	2.82	3.2	3.47	3.64	3.81	3.91	4	4.27	4.55	4.6	4.67	4.73	4.65	4.68	4.74	COP
40	3.1	3.6	4.01	4.73	5.21	5.55	5.83	6.02	6.18	6.66	7.15	7.43	8.03	8.63	8.97	9.5	10.1	Heating Power (kW)
	1.48	1.58	1.68	1.73	1.75	1.77	1.77	1.78	1.8	1.81	1.82	1.87	1.97	2.08	2.18	2.25	2.35	Input Power (kW)
	2.09	2.28	2.39	2.73	2.98	3.14	3.29	3.38	3.43	3.68	3.93	3.99	4.07	4.16	4.11	4.22	4.3	COP
45	3.01	3.52	3.92	4.64	5.13	5.47	5.75	5.94	6.06	6.54	7.03	7.31	7.9	8.5	8.84	9.37	9.97	Heating Power (kW)
	1.62	1.72	1.82	1.87	1.89	1.91	1.91	1.92	1.94	1.95	1.96	2.01	2.11	2.22	2.32	2.37	2.47	Input Power (kW)
	1.86	2.04	2.16	2.48	2.72	2.87	3.01	3.09	3.12	3.35	3.59	3.65	3.74	3.84	3.81	3.95	4.04	COP
50	—	3.41	3.81	4.53	5.03	5.37	5.65	5.84	5.91	6.39	6.88	7.16	7.65	8.25	8.59	9.12	9.72	Heating Power (kW)
	—	1.9	2	2.05	2.06	2.09	2.09	2.1	2.12	2.13	2.14	2.18	2.29	2.39	2.48	2.52	2.62	Input Power (kW)
	—	1.8	1.91	2.22	2.44	2.58	2.71	2.79	2.79	3.01	3.22	3.29	3.35	3.45	3.47	3.62	3.71	COP
55	—	—	3.7	4.42	4.93	5.27	5.55	5.71	5.76	6.24	6.73	7.01	7.4	8	8.34	8.87	9.47	Heating Power (kW)
	—	—	2.17	2.22	2.24	2.26	2.26	2.27	2.29	2.3	2.31	2.36	2.44	2.57	2.63	2.67	2.77	Input Power (kW)
	—	—	1.71	1.99	2.2	2.33	2.46	2.52	2.51	2.71	2.91	2.98	3.03	3.12	3.17	3.32	3.42	COP
60	—	—	3.6	4.31	4.83	5.17	5.44	5.58	5.61	6.09	6.58	6.86	7.15	7.75	8.09	8.62	9.22	Heating Power (kW)
	—	—	2.35	2.4	2.41	2.44	2.44	2.45	2.47	2.48	2.49	2.53	2.6	2.74	2.79	2.83	2.92	Input Power (kW)
	—	—	1.53	1.8	2	2.13	2.23	2.28	2.27	2.46	2.65	2.71	2.75	2.83	2.9	3.05	3.16	COP


		Series: <b>Hero Plus</b>	Model: <b>P17T</b>	Compressor conditions: <b>54Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30		35
35	5.59	6.47	7.18	8.42	9.23	9.83	10.31	10.64	11.01	11.85	12.7	12.95	13.97	15	15.58	16.48	17.5	Heating Power (kW)
	2.86	2.96	3.06	3.11	3.13	3.15	3.17	3.18	3.22	3.25	3.28	3.33	3.46	3.6	3.72	3.82	3.95	Input Power (kW)
	1.96	2.19	2.35	2.71	2.95	3.12	3.25	3.34	3.42	3.65	3.87	3.89	4.04	4.17	4.19	4.31	4.44	COP
40	5.46	6.34	7.05	8.29	9.11	9.71	10.19	10.52	10.83	11.67	12.52	12.77	13.78	14.81	15.38	16.28	17.31	Heating Power (kW)
	3.28	3.38	3.48	3.53	3.55	3.57	3.59	3.6	3.64	3.67	3.7	3.75	3.88	4.02	4.14	4.19	4.32	Input Power (kW)
	1.67	1.88	2.02	2.35	2.57	2.72	2.84	2.92	2.98	3.18	3.38	3.4	3.56	3.69	3.71	3.88	4.01	COP
45	5.37	6.25	6.96	8.2	9.03	9.63	10.11	10.44	10.71	11.55	12.4	12.65	13.65	14.68	15.26	16.16	17.18	Heating Power (kW)
	3.56	3.66	3.76	3.81	3.83	3.85	3.87	3.88	3.92	3.95	3.98	4.03	4.16	4.3	4.39	4.44	4.57	Input Power (kW)
	1.51	1.71	1.85	2.15	2.36	2.5	2.61	2.69	2.73	2.92	3.12	3.14	3.29	3.42	3.48	3.64	3.76	COP
50	—	6.14	6.85	8.09	8.93	9.53	10.01	10.34	10.56	11.4	12.25	12.5	13.4	14.43	15.01	15.91	16.93	Heating Power (kW)
	—	4.01	4.11	4.16	4.18	4.2	4.22	4.23	4.27	4.3	4.33	4.38	4.51	4.65	4.7	4.75	4.88	Input Power (kW)
	—	1.53	1.67	1.95	2.14	2.27	2.37	2.44	2.47	2.65	2.83	2.85	2.97	3.11	3.19	3.35	3.47	COP
55	—	—	6.74	7.98	8.83	9.43	9.91	10.21	10.41	11.25	12.1	12.35	13.15	14.18	14.76	15.66	16.68	Heating Power (kW)
	—	—	4.46	4.51	4.53	4.55	4.57	4.58	4.62	4.65	4.68	4.73	4.82	5	5.01	5.06	5.19	Input Power (kW)
	—	—	1.51	1.77	1.95	2.07	2.17	2.23	2.25	2.42	2.59	2.61	2.73	2.84	2.95	3.09	3.22	COP
60	—	—	6.63	7.87	8.73	9.33	9.8	10.08	10.26	11.1	11.95	12.2	12.9	13.93	14.51	15.41	16.43	Heating Power (kW)
	—	—	4.81	4.86	4.88	4.9	4.92	4.93	4.97	5	5.03	5.08	5.13	5.35	5.32	5.37	5.5	Input Power (kW)
	—	—	1.38	1.62	1.79	1.9	1.99	2.04	2.07	2.22	2.38	2.4	2.52	2.61	2.73	2.87	2.99	COP


		Series: <b>Hero Plus</b>	Model: <b>P17T</b>	Compressor conditions: <b>57.5Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	5.99	6.93	7.69	9.02	9.88	10.53	11.04	11.39	11.8	12.69	13.6	13.86	14.96	16.06	16.68	17.54	18.64	Heating Power (kW)
	3.16	3.26	3.36	3.41	3.43	3.45	3.46	3.48	3.5	3.54	3.56	3.61	3.74	3.88	4	4.1	4.23	Input Power (kW)
	1.9	2.13	2.29	2.65	2.89	3.05	3.19	3.27	3.37	3.58	3.82	3.84	4.01	4.14	4.17	4.28	4.41	COP
40	5.85	6.79	7.54	8.88	9.76	10.4	10.91	11.25	11.59	12.49	13.4	13.66	14.76	15.86	16.48	17.34	18.43	Heating Power (kW)
	3.62	3.72	3.82	3.87	3.89	3.91	3.92	3.94	3.96	4	4.02	4.07	4.14	4.28	4.4	4.5	4.63	Input Power (kW)
	1.61	1.82	1.97	2.29	2.51	2.66	2.78	2.85	2.93	3.12	3.33	3.35	3.57	3.71	3.74	3.85	3.98	COP
45	5.75	6.69	7.45	8.78	9.68	10.32	10.82	11.15	11.46	12.35	13.26	13.52	14.62	15.72	16.34	17.2	18.3	Heating Power (kW)
	3.93	4.03	4.13	4.18	4.2	4.22	4.23	4.25	4.27	4.31	4.33	4.38	4.41	4.57	4.67	4.77	4.9	Input Power (kW)
	1.46	1.66	1.8	2.1	2.31	2.45	2.56	2.62	2.68	2.87	3.06	3.09	3.32	3.44	3.5	3.61	3.74	COP
50	—	6.57	7.33	8.67	9.57	10.21	10.71	11.04	11.29	12.18	13	13.26	14.36	15.46	16.08	16.94	18.04	Heating Power (kW)
	—	4.42	4.52	4.57	4.58	4.61	4.62	4.64	4.66	4.7	4.72	4.74	4.79	4.91	5.01	5.11	5.23	Input Power (kW)
	—	1.49	1.62	1.9	2.09	2.22	2.32	2.38	2.42	2.59	2.76	2.8	3	3.15	3.21	3.32	3.45	COP
55	—	—	7.21	8.55	9.47	10.11	10.6	10.89	11.12	11.99	12.74	13	14.1	15.2	15.82	16.68	17.78	Heating Power (kW)
	—	—	4.9	4.95	4.97	4.99	5	5.02	5.04	5.08	5.1	5.12	5.13	5.24	5.34	5.44	5.57	Input Power (kW)
	—	—	1.47	1.73	1.91	2.03	2.12	2.17	2.21	2.36	2.5	2.54	2.75	2.9	2.96	3.07	3.19	COP
60	—	—	7.09	8.43	9.36	10	10.48	10.74	10.95	11.8	12.48	12.74	13.84	14.94	15.56	16.42	17.52	Heating Power (kW)
	—	—	5.29	5.34	5.35	5.38	5.43	5.45	5.47	5.47	5.49	5.51	5.46	5.58	5.68	5.78	5.9	Input Power (kW)
	—	—	1.34	1.58	1.75	1.86	1.93	1.97	2	2.16	2.28	2.31	2.53	2.68	2.74	2.84	2.97	COP


		Series: <b>Hero Plus</b>	Model: <b>P17T</b>	Compressor conditions: <b>66Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	6.78	7.85	8.7	10.21	11.19	11.92	12.5	12.9	13.36	14.37	15.4	15.7	16.94	18.19	18.89	19.86	21.15	Heating Power (kW)
	3.75	3.85	3.95	4	4.02	4.04	4.05	4.08	4.1	4.14	4.19	4.24	4.37	4.51	4.63	4.73	4.85	Input Power (kW)
	1.81	2.04	2.2	2.55	2.79	2.95	3.09	3.16	3.26	3.47	3.68	3.7	3.88	4.04	4.08	4.2	4.37	COP
40	6.63	7.7	8.55	10.06	11.06	11.79	12.35	12.74	13.14	14.15	15.18	15.48	16.73	17.97	18.67	19.65	20.94	Heating Power (kW)
	4.29	4.39	4.49	4.54	4.56	4.58	4.59	4.62	4.64	4.68	4.73	4.78	4.91	5.05	5.17	5.21	5.33	Input Power (kW)
	1.55	1.75	1.91	2.22	2.43	2.57	2.69	2.76	2.83	3.02	3.21	3.24	3.41	3.56	3.61	3.77	3.93	COP
45	6.53	7.6	8.45	9.96	10.97	11.7	12.25	12.63	13	14.01	15.04	15.34	16.58	17.83	18.53	19.5	20.79	Heating Power (kW)
	4.65	4.75	4.85	4.9	4.92	4.94	4.95	4.98	5	5.04	5.09	5.14	5.27	5.41	5.49	5.53	5.65	Input Power (kW)
	1.41	1.6	1.74	2.03	2.23	2.37	2.48	2.54	2.6	2.78	2.95	2.98	3.15	3.3	3.37	3.53	3.68	COP
50	—	7.47	8.33	9.84	10.86	11.59	12.13	12.45	12.82	13.83	14.77	15.07	16.31	17.56	18.26	19.23	20.52	Heating Power (kW)
	—	5.2	5.3	5.35	5.37	5.39	5.4	5.43	5.45	5.49	5.54	5.59	5.72	5.86	5.89	5.93	6.05	Input Power (kW)
	—	1.44	1.57	1.84	2.02	2.15	2.25	2.29	2.35	2.52	2.67	2.7	2.85	3	3.1	3.24	3.39	COP
55	—	—	8.2	9.71	10.75	11.48	12	12.27	12.64	13.63	14.5	14.8	16.04	17.29	17.99	18.96	20.25	Heating Power (kW)
	—	—	5.75	5.8	5.82	5.84	5.85	5.88	5.9	5.94	5.99	6.04	6.12	6.31	6.29	6.33	6.45	Input Power (kW)
	—	—	1.43	1.67	1.85	1.97	2.05	2.09	2.14	2.29	2.42	2.45	2.62	2.74	2.86	3	3.14	COP
60	—	—	8.08	9.58	10.64	11.37	11.87	12.09	12.46	13.43	14.23	14.53	15.77	17.02	17.72	18.69	19.98	Heating Power (kW)
	—	—	6.2	6.25	6.27	6.29	6.35	6.38	6.4	6.39	6.44	6.49	6.52	6.76	6.69	6.73	6.85	Input Power (kW)
	—	—	1.3	1.53	1.7	1.81	1.87	1.89	1.95	2.1	2.21	2.24	2.42	2.52	2.65	2.78	2.92	COP


		Series: <b>Hero Plus</b>	Model: <b>P17T</b>	Compressor conditions: <b>72Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	7.4	8.56	9.5	11.14	12.21	13.01	13.64	14.07	14.57	15.68	16.8	17.13	18.48	19.84	20.6	21.67	23.02	Heating Power (kW)
	4.16	4.26	4.36	4.41	4.43	4.45	4.47	4.5	4.51	4.55	4.63	4.68	4.81	4.95	5.07	5.17	5.3	Input Power (kW)
	1.78	2.01	2.18	2.53	2.76	2.92	3.05	3.13	3.23	3.45	3.63	3.66	3.85	4.01	4.06	4.19	4.35	COP
40	7.24	8.4	9.33	10.98	12.08	12.86	13.48	13.89	14.26	15.37	16.56	16.89	18.24	19.6	20.36	21.43	22.78	Heating Power (kW)
	4.76	4.86	4.96	5.01	5.03	5.05	5.07	5.1	5.11	5.15	5.23	5.28	5.41	5.55	5.73	5.71	5.84	Input Power (kW)
	1.52	1.73	1.88	2.19	2.4	2.55	2.66	2.72	2.79	2.98	3.17	3.2	3.37	3.53	3.55	3.75	3.9	COP
45	7.13	8.29	9.23	10.87	11.99	12.77	13.37	13.77	14.1	15.17	16.4	16.73	18.08	19.44	20.2	21.27	22.62	Heating Power (kW)
	5.16	5.26	5.36	5.41	5.43	5.45	5.47	5.5	5.51	5.55	5.63	5.68	5.81	5.95	6.13	6.07	6.2	Input Power (kW)
	1.38	1.58	1.72	2.01	2.21	2.34	2.44	2.5	2.56	2.73	2.91	2.94	3.11	3.27	3.3	3.5	3.65	COP
50	—	8.16	9.09	10.74	11.88	12.65	13.23	13.57	13.9	14.74	16.1	16.43	17.78	19.14	19.9	20.97	22.32	Heating Power (kW)
	—	5.76	5.86	5.91	5.93	5.95	5.97	6	6.01	6.05	6.13	6.18	6.31	6.45	6.58	6.52	6.65	Input Power (kW)
	—	1.42	1.55	1.82	2	2.13	2.22	2.26	2.31	2.44	2.63	2.66	2.82	2.97	3.02	3.22	3.36	COP
55	—	—	8.96	10.6	11.77	12.53	13.1	13.37	13.7	14.32	15.8	16.13	17.48	18.84	19.6	20.67	22.02	Heating Power (kW)
	—	—	6.36	6.41	6.43	6.45	6.47	6.5	6.51	6.55	6.63	6.68	6.81	6.95	7.03	6.97	7.1	Input Power (kW)
	—	—	1.41	1.65	1.83	1.94	2.02	2.06	2.11	2.19	2.38	2.41	2.57	2.71	2.79	2.96	3.1	COP
60	—	—	8.82	10.45	11.65	12.4	12.95	13.17	13.5	13.89	15.5	15.83	17.18	18.54	19.3	20.37	21.72	Heating Power (kW)
	—	—	6.86	6.91	6.93	6.95	7.02	7.05	7.06	7.05	7.13	7.18	7.31	7.45	7.48	7.42	7.55	Input Power (kW)
	—	—	1.29	1.51	1.68	1.78	1.84	1.87	1.91	1.97	2.17	2.2	2.35	2.49	2.58	2.74	2.88	COP


		Series: <b>Hero Plus</b>	Model: <b>P17T</b>	Compressor conditions: <b>80Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	7.51	8.9	9.83	11.06	12.47	13.63	14.29	14.7	15.14	16.96	18.6	18.96	20.46	21.97	22.81	23.99	25.18	Heating Power (kW)
	4.43	4.53	4.63	4.68	4.7	4.71	4.72	4.73	4.73	4.95	5.15	5.2	5.33	5.5	5.68	5.83	5.98	Input Power (kW)
	1.7	1.96	2.12	2.36	2.66	2.89	3.03	3.11	3.2	3.43	3.61	3.65	3.84	3.99	4.02	4.12	4.21	COP
40	7.35	8.73	9.66	10.9	12.3	13.47	14.13	14.54	14.97	16.75	18.42	18.72	20.16	21.66	22.51	23.69	24.88	Heating Power (kW)
	5.15	5.25	5.35	5.4	5.42	5.43	5.44	5.45	5.45	5.61	5.81	5.86	5.99	6.1	6.28	6.43	6.64	Input Power (kW)
	1.43	1.66	1.81	2.02	2.27	2.48	2.6	2.67	2.75	2.99	3.17	3.19	3.37	3.55	3.59	3.69	3.75	COP
45	7.24	8.63	9.56	10.79	12.2	13.36	14.02	14.43	14.87	16.61	18.3	18.56	19.95	21.46	22.31	23.49	24.68	Heating Power (kW)
	5.63	5.73	5.83	5.88	5.9	5.91	5.92	5.93	5.93	6.05	6.25	6.3	6.43	6.5	6.68	6.83	7.04	Input Power (kW)
	1.29	1.51	1.64	1.84	2.07	2.26	2.37	2.44	2.51	2.75	2.93	2.95	3.11	3.3	3.34	3.44	3.51	COP
50	—	8.49	9.42	10.66	12.06	13.23	13.89	14.23	14.67	16.31	17.95	18.21	19.53	21.03	21.91	23.09	24.28	Heating Power (kW)
	—	6.33	6.43	6.48	6.5	6.51	6.52	6.53	6.53	6.6	6.8	6.85	6.98	7.05	7.18	7.33	7.54	Input Power (kW)
	—	1.34	1.47	1.64	1.86	2.03	2.13	2.18	2.25	2.47	2.64	2.66	2.8	2.98	3.05	3.15	3.22	COP
55	—	—	9.29	10.52	11.93	13.09	13.75	14.03	14.47	16.01	17.6	17.86	19.1	20.61	21.51	22.69	23.88	Heating Power (kW)
	—	—	7.03	7.08	7.1	7.11	7.12	7.13	7.13	7.2	7.35	7.4	7.53	7.6	7.68	7.83	8.04	Input Power (kW)
	—	—	1.32	1.49	1.68	1.84	1.93	1.97	2.03	2.22	2.39	2.41	2.54	2.71	2.8	2.9	2.97	COP
60	—	—	9.15	10.37	11.79	12.94	13.6	13.83	14.27	15.71	17.25	17.51	18.68	20.18	21.11	22.29	23.48	Heating Power (kW)
	—	—	7.63	7.68	7.7	7.76	7.77	7.78	7.78	7.8	7.95	7.95	8.13	8.15	8.28	8.43	8.64	Input Power (kW)
	—	—	1.2	1.35	1.53	1.67	1.75	1.78	1.83	2.01	2.17	2.2	2.3	2.48	2.55	2.65	2.72	COP


		Series: Hero Plus							Model: P17T				Compressor conditions: 90Hz					*condition may not be reached under high pressure ratios
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	8.28	9.8	11.06	12.62	14.13	15.03	15.43	16.03	16.68	18.7	20.5	20.9	22.55	24.21	25.14	26.44	27.75	Heating Power (kW)
	5.45	5.55	5.65	5.7	5.72	5.73	5.78	5.8	5.84	5.87	6	6.05	6.18	6.32	6.46	6.6	6.74	Input Power (kW)
	1.52	1.77	1.96	2.21	2.47	2.62	2.67	2.76	2.86	3.19	3.42	3.45	3.65	3.83	3.89	4.01	4.12	COP
40	8.12	9.64	10.9	12.46	13.96	14.87	15.25	15.79	16.38	18.46	20.19	20.59	22.25	23.91	24.84	26.14	27.45	Heating Power (kW)
	6.17	6.27	6.37	6.42	6.44	6.45	6.5	6.52	6.56	6.59	6.72	6.77	6.9	6.98	7.12	7.26	7.4	Input Power (kW)
	1.32	1.54	1.71	1.94	2.17	2.3	2.35	2.42	2.5	2.8	3.01	3.04	3.23	3.43	3.49	3.6	3.71	COP
45	8.01	9.53	10.79	12.35	13.86	14.76	15.13	15.63	16.17	18.3	19.99	20.39	22.04	23.7	24.64	25.94	27.25	Heating Power (kW)
	6.65	6.75	6.85	6.9	6.92	6.93	6.98	7	7.04	7.07	7.2	7.25	7.38	7.42	7.56	7.7	7.84	Input Power (kW)
	1.2	1.41	1.58	1.79	2	2.13	2.17	2.23	2.3	2.59	2.78	2.81	2.99	3.2	3.26	3.37	3.48	COP
50	—	9.4	10.66	12.21	13.72	14.62	14.98	15.33	15.75	18	19.57	19.96	21.62	23.28	24.24	25.54	26.85	Heating Power (kW)
	—	7.35	7.45	7.5	7.52	7.53	7.58	7.6	7.64	7.67	7.8	7.85	7.98	8.02	8.11	8.25	8.39	Input Power (kW)
	—	1.28	1.43	1.63	1.83	1.94	1.98	2.02	2.06	2.35	2.51	2.54	2.71	2.9	2.99	3.1	3.2	COP
55	—	—	10.52	12.08	13.59	14.49	14.83	15.03	15.32	17.7	19.14	19.54	21.19	22.85	23.84	25.14	26.45	Heating Power (kW)
	—	—	8.05	8.1	8.12	8.13	8.18	8.2	8.24	8.27	8.4	8.45	8.58	8.62	8.66	8.8	8.94	Input Power (kW)
	—	—	1.31	1.49	1.67	1.78	1.81	1.83	1.86	2.14	2.28	2.31	2.47	2.65	2.75	2.86	2.96	COP
60	—	—	10.39	11.93	13.45	14.34	14.63	14.73	15.12	17.4	18.72	19.11	20.77	22.43	23.44	24.74	26.05	Heating Power (kW)
	—	—	8.65	8.7	8.72	8.78	8.83	8.85	8.89	8.87	9.05	9.05	9.23	9.22	9.31	9.4	9.54	Input Power (kW)
	—	—	1.2	1.37	1.54	1.63	1.66	1.66	1.7	1.96	2.07	2.11	2.25	2.43	2.52	2.63	2.73	COP


		Series: Hero Plus							Model: P17T				Compressor conditions: Refer to below																																																																																																																																																																																																																																																																																															
Water Outlet Temperature	Ambient Temperature: 35/24°C							Ambient Temperature: 43/26°C																																																																																																																																																																																																																																																																																																				
	20°C	17°C	15°C	12°C	9°C	7°C	5°C	20°C	17°C	15°C	12°C	9°C	7°C	5°C																																																																																																																																																																																																																																																																																														
Compressor condition: 70Hz															<b>Nominal Cooling Capacity:</b>  <b>15.5kW</b>  <i>Ambient Temperature: 35/24°C</i>  <i>Outlet Water Temperature: 7°C</i>	Cooling Power (kW)	17.33	16.45	16.11	15.59	15.11	14.53	13.88	16.54	15.7	15.38	14.88	14.43	13.25	12.66	Input Power (kW)	6.52	6.49	6.45	6.41	6.37	6.35	6.4	6.58	6.55	6.51	6.47	6.43	6.4	6.45	COP	2.66	2.53	2.5	2.43	2.37	2.29	2.17	2.51	2.4	2.36	2.3	2.24	2.07	1.96	Compressor condition: 60Hz															Cooling Power (kW)	14.73	13.98	13.69	13.25	12.84	12.35	11.8	14.06	13.38	13.07	12.65	12.26	11.26	10.82	Input Power (kW)	5.35	5.32	5.29	5.26	5.22	5.21	5.25	5.4	5.37	5.34	5.31	5.27	5.18	5.22	COP	2.76	2.63	2.59	2.52	2.46	2.37	2.25	2.61	2.49	2.45	2.38	2.33	2.17	2.07	Compressor condition: 50Hz															Cooling Power (kW)	13	12.34	12.08	11.69	11.33	10.9	10.41	12.41	11.78	11.54	11.16	10.82	9.94	9.49	Input Power (kW)	4.5	4.48	4.45	4.42	4.4	4.38	4.42	4.61	4.59	4.56	4.53	4.5	4.48	4.52	COP	2.89	2.76	2.71	2.64	2.58	2.49	2.36	2.69	2.57	2.53	2.46	2.4	2.22	2.1	Compressor condition: 40Hz															Cooling Power (kW)	10.57	10.03	9.83	9.51	9.22	8.86	8.47	10.09	9.58	9.38	9.08	8.8	8.08	7.72	Input Power (kW)	3.59	3.57	3.55	3.53	3.5	3.49	3.52	3.62	3.6	3.58	3.56	3.54	3.52	3.55	COP	2.95	2.81	2.77	2.7	2.63	2.54	2.41	2.79	2.66	2.62	2.55	2.49	2.3	2.18	Compressor condition: 30Hz															Cooling Power (kW)	7.8	7.4	7.25	7.02	6.8	6.54	6.25	7.45	7.07	6.92	6.7	6.49	5.96	5.7	Input Power (kW)	2.54	2.53	2.52	2.5	2.48	2.48	2.5	2.57	2.55	2.54	2.52	2.51	2.5	2.52	COP	3.07	2.92	2.88	2.81	2.74	2.64	2.5	2.9	2.77	2.73	2.65	2.59	2.39	2.26
Cooling Power (kW)	17.33	16.45	16.11	15.59	15.11	14.53	13.88	16.54	15.7	15.38	14.88	14.43	13.25	12.66																																																																																																																																																																																																																																																																																														
Input Power (kW)	6.52	6.49	6.45	6.41	6.37	6.35	6.4	6.58	6.55	6.51	6.47	6.43	6.4	6.45																																																																																																																																																																																																																																																																																														
COP	2.66	2.53	2.5	2.43	2.37	2.29	2.17	2.51	2.4	2.36	2.3	2.24	2.07	1.96																																																																																																																																																																																																																																																																																														
Compressor condition: 60Hz																																																																																																																																																																																																																																																																																																												
Cooling Power (kW)	14.73	13.98	13.69	13.25	12.84	12.35	11.8	14.06	13.38	13.07	12.65	12.26	11.26	10.82																																																																																																																																																																																																																																																																																														
Input Power (kW)	5.35	5.32	5.29	5.26	5.22	5.21	5.25	5.4	5.37	5.34	5.31	5.27	5.18	5.22																																																																																																																																																																																																																																																																																														
COP	2.76	2.63	2.59	2.52	2.46	2.37	2.25	2.61	2.49	2.45	2.38	2.33	2.17	2.07																																																																																																																																																																																																																																																																																														
Compressor condition: 50Hz																																																																																																																																																																																																																																																																																																												
Cooling Power (kW)	13	12.34	12.08	11.69	11.33	10.9	10.41	12.41	11.78	11.54	11.16	10.82	9.94	9.49																																																																																																																																																																																																																																																																																														
Input Power (kW)	4.5	4.48	4.45	4.42	4.4	4.38	4.42	4.61	4.59	4.56	4.53	4.5	4.48	4.52																																																																																																																																																																																																																																																																																														
COP	2.89	2.76	2.71	2.64	2.58	2.49	2.36	2.69	2.57	2.53	2.46	2.4	2.22	2.1																																																																																																																																																																																																																																																																																														
Compressor condition: 40Hz																																																																																																																																																																																																																																																																																																												
Cooling Power (kW)	10.57	10.03	9.83	9.51	9.22	8.86	8.47	10.09	9.58	9.38	9.08	8.8	8.08	7.72																																																																																																																																																																																																																																																																																														
Input Power (kW)	3.59	3.57	3.55	3.53	3.5	3.49	3.52	3.62	3.6	3.58	3.56	3.54	3.52	3.55																																																																																																																																																																																																																																																																																														
COP	2.95	2.81	2.77	2.7	2.63	2.54	2.41	2.79	2.66	2.62	2.55	2.49	2.3	2.18																																																																																																																																																																																																																																																																																														
Compressor condition: 30Hz																																																																																																																																																																																																																																																																																																												
Cooling Power (kW)	7.8	7.4	7.25	7.02	6.8	6.54	6.25	7.45	7.07	6.92	6.7	6.49	5.96	5.7																																																																																																																																																																																																																																																																																														
Input Power (kW)	2.54	2.53	2.52	2.5	2.48	2.48	2.5	2.57	2.55	2.54	2.52	2.51	2.5	2.52																																																																																																																																																																																																																																																																																														
COP	3.07	2.92	2.88	2.81	2.74	2.64	2.5	2.9	2.77	2.73	2.65	2.59	2.39	2.26																																																																																																																																																																																																																																																																																														


		Series: <b>Hero Plus</b>								Model: <b>P24T</b>				Compressor conditions: <b>30Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	4	4.68	5.71	6.16	6.32	6.88	7.6	8.14	8.5	9.31	10	11.09	12.77	13.71	14.4	14.88	15.52	Heating Power (kW)
	1.77	1.82	1.87	1.92	1.95	2	2	2.11	2.15	2.2	2.21	2.3	2.43	2.51	2.59	2.66	2.74	Input Power (kW)
	2.26	2.57	3.05	3.21	3.24	3.44	3.8	3.86	3.95	4.23	4.52	4.82	5.27	5.47	5.57	5.59	5.68	COP
40	3.84	4.56	5.56	6.01	6.17	6.73	7.42	7.99	8.38	9.13	9.82	10.97	12.59	13.59	14.28	14.76	15.4	Heating Power (kW)
	2.04	2.09	2.14	2.19	2.22	2.27	2.27	2.38	2.4	2.44	2.45	2.48	2.55	2.63	2.77	2.84	2.92	Input Power (kW)
	1.88	2.18	2.6	2.74	2.78	2.97	3.27	3.36	3.49	3.74	4.01	4.42	4.95	5.18	5.16	5.2	5.28	COP
45	3.73	4.48	5.46	5.91	6.07	6.63	7.3	7.89	8.3	9.01	9.7	10.89	12.47	13.51	14.2	14.68	15.32	Heating Power (kW)
	2.22	2.27	2.32	2.37	2.4	2.45	2.45	2.56	2.57	2.6	2.61	2.62	2.75	2.79	2.89	2.96	3.08	Input Power (kW)
	1.68	1.98	2.35	2.49	2.53	2.71	2.98	3.08	3.23	3.47	3.72	4.16	4.54	4.85	4.92	4.96	4.98	COP
50	—	4.38	5.33	5.78	5.94	6.51	7.15	7.76	8.2	8.86	9.55	10.79	12.32	13.36	14.05	14.53	15.17	Heating Power (kW)
	—	2.5	2.55	2.6	2.63	2.68	2.68	2.79	2.8	2.8	2.82	2.85	2.95	3.04	3.11	3.16	3.23	Input Power (kW)
	—	1.76	2.09	2.23	2.26	2.43	2.67	2.79	2.93	3.17	3.39	3.79	4.18	4.4	4.52	4.6	4.7	COP
55	—	—	5.2	5.66	5.82	6.38	7	7.64	8.1	8.71	9.4	10.69	12.22	13.21	13.9	14.38	14.77	Heating Power (kW)
	—	—	2.77	2.82	2.85	2.9	2.9	3.01	3.02	3.05	3.07	3.11	3.2	3.34	3.36	3.41	3.46	Input Power (kW)
	—	—	1.88	2.01	2.04	2.2	2.42	2.54	2.68	2.86	3.06	3.44	3.83	3.96	4.14	4.22	4.27	COP
60	—	—	5.08	5.53	5.69	6.26	6.8	7.51	8	8.56	9.25	10.59	12.12	13.06	13.75	14.23	14.62	Heating Power (kW)
	—	—	3	3.05	3.08	3.15	3.15	3.26	3.27	3.28	3.3	3.32	3.42	3.64	3.66	3.71	3.71	Input Power (kW)
	—	—	1.7	1.82	1.85	1.99	2.16	2.3	2.45	2.61	2.81	3.19	3.54	3.59	3.76	3.84	3.94	COP

		Series: <b>Hero Plus</b>								Model: <b>P24T</b>				Compressor conditions: <b>54Hz</b>				
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	7.92	9.37	10.58	11.13	11.87	12.98	13.63	14.55	15.78	17.5	19.6	19.98	21.56	23.15	24.04	25.28	26.53	Heating Power (kW)
	3.89	3.94	3.99	4.04	4.07	4.12	4.15	4.2	4.3	4.38	4.48	4.55	4.68	4.82	4.97	5.1	5.24	Input Power (kW)
	2.04	2.38	2.65	2.75	2.92	3.15	3.29	3.47	3.67	4	4.38	4.4	4.61	4.81	4.84	4.96	5.07	COP
40	7.75	9.21	10.41	10.97	11.7	12.82	13.45	14.31	15.47	17.26	19.29	19.68	21.26	22.84	23.74	24.98	26.23	Heating Power (kW)
	4.43	4.48	4.53	4.58	4.61	4.66	4.69	4.74	4.84	4.92	5.02	5.09	5.22	5.36	5.46	5.59	5.73	Input Power (kW)
	1.75	2.06	2.3	2.39	2.54	2.75	2.87	3.02	3.2	3.51	3.84	3.87	4.07	4.26	4.35	4.47	4.58	COP
45	7.65	9.1	10.31	10.86	11.6	12.71	13.33	14.15	15.27	17.1	19.09	19.47	21.05	22.64	23.54	24.78	26.03	Heating Power (kW)
	4.79	4.84	4.89	4.94	4.97	5.02	5.05	5.1	5.2	5.28	5.38	5.45	5.58	5.72	5.79	5.92	6.06	Input Power (kW)
	1.6	1.88	2.11	2.2	2.33	2.53	2.64	2.78	2.94	3.24	3.55	3.58	3.77	3.96	4.07	4.19	4.3	COP
50	—	8.97	10.17	10.72	11.46	12.58	13.18	13.85	14.84	16.8	18.67	19.05	20.63	22.21	23.14	24.38	25.63	Heating Power (kW)
	—	5.29	5.34	5.39	5.42	5.47	5.5	5.55	5.65	5.73	5.83	5.9	6.03	6.17	6.24	6.37	6.47	Input Power (kW)
	—	1.7	1.9	1.99	2.11	2.3	2.4	2.5	2.63	2.93	3.2	3.23	3.42	3.6	3.71	3.83	3.96	COP
55	—	—	10.04	10.59	11.33	12.44	13.03	13.55	14.42	16.5	18.24	18.62	20.2	21.79	22.74	23.98	25.23	Heating Power (kW)
	—	—	5.79	5.84	5.87	5.92	5.95	6	6.1	6.18	6.28	6.35	6.48	6.62	6.69	6.78	6.92	Input Power (kW)
	—	—	1.73	1.81	1.93	2.1	2.19	2.26	2.36	2.67	2.9	2.93	3.12	3.29	3.4	3.54	3.65	COP
60	—	—	9.9	10.44	11.19	12.29	12.83	13.25	14.22	16.2	17.82	18.2	19.78	21.36	22.34	23.58	24.83	Heating Power (kW)
	—	—	6.24	6.29	6.32	6.42	6.45	6.5	6.6	6.63	6.78	6.8	6.98	7.12	7.19	7.23	7.37	Input Power (kW)
	—	—	1.59	1.66	1.77	1.91	1.99	2.04	2.15	2.44	2.63	2.68	2.83	3	3.11	3.26	3.37	COP

		Series: <b>Hero Plus</b>	Model: <b>P24T</b>	Compressor conditions: <b>57.5Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	8.36	9.9	11.17	11.75	12.53	13.71	14.4	15.37	16.66	18.48	20.7	21.1	22.77	24.45	25.39	26.7	28.02	Heating Power (kW)
	4.2	4.25	4.3	4.35	4.38	4.43	4.46	4.5	4.59	4.65	4.79	4.86	4.99	5.13	5.28	5.41	5.55	Input Power (kW)
	1.99	2.33	2.6	2.7	2.86	3.1	3.23	3.42	3.63	3.97	4.32	4.35	4.56	4.77	4.81	4.93	5.05	COP
40	8.2	9.74	11.01	11.59	12.37	13.55	14.22	15.13	16.36	18.24	20.39	20.8	22.47	24.14	25.09	26.4	27.72	Heating Power (kW)
	4.8	4.85	4.9	4.95	4.98	5.03	5.06	5.1	5.19	5.25	5.39	5.46	5.59	5.73	5.82	5.95	6.09	Input Power (kW)
	1.71	2.01	2.25	2.34	2.48	2.69	2.81	2.97	3.15	3.47	3.78	3.81	4.02	4.22	4.31	4.44	4.56	COP
45	8.09	9.63	10.9	11.48	12.26	13.44	14.1	14.97	16.15	18.08	20.19	20.59	22.26	23.94	24.89	26.2	27.52	Heating Power (kW)
	5.2	5.25	5.3	5.35	5.38	5.43	5.46	5.5	5.59	5.65	5.79	5.86	5.99	6.13	6.18	6.31	6.45	Input Power (kW)
	1.56	1.83	2.06	2.15	2.28	2.48	2.58	2.72	2.89	3.2	3.49	3.52	3.72	3.91	4.03	4.15	4.27	COP
50	—	9.49	10.76	11.35	12.13	13.31	13.95	14.67	15.73	17.78	19.77	20.17	21.84	23.51	24.49	25.8	27.12	Heating Power (kW)
	—	5.75	5.8	5.85	5.88	5.93	5.96	6	6.09	6.15	6.29	6.36	6.49	6.63	6.68	6.81	6.9	Input Power (kW)
	—	1.65	1.86	1.94	2.06	2.24	2.34	2.44	2.58	2.89	3.14	3.17	3.36	3.55	3.67	3.79	3.93	COP
55	—	—	10.63	11.21	11.99	13.17	13.8	14.37	15.3	17.48	19.34	19.74	21.41	23.09	24.09	25.4	26.72	Heating Power (kW)
	—	—	6.3	6.35	6.38	6.43	6.46	6.5	6.59	6.65	6.79	6.86	6.99	7.13	7.18	7.26	7.4	Input Power (kW)
	—	—	1.69	1.77	1.88	2.05	2.14	2.21	2.32	2.63	2.85	2.88	3.06	3.24	3.36	3.5	3.61	COP
60	—	—	10.49	11.06	11.86	13.02	13.6	14.07	15.1	17.18	18.92	19.32	20.99	22.66	23.69	25	26.32	Heating Power (kW)
	—	—	6.8	6.85	6.88	6.98	7.01	7.05	7.14	7.15	7.34	7.36	7.54	7.68	7.73	7.76	7.9	Input Power (kW)
	—	—	1.54	1.61	1.72	1.87	1.94	2	2.12	2.4	2.58	2.63	2.78	2.95	3.07	3.22	3.33	COP

		Series: <b>Hero Plus</b>	Model: <b>P24T</b>	Compressor conditions: <b>66Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	9.49	11.24	12.55	13.34	14.23	15.57	16.35	17.45	18.92	20.98	23.5	23.96	25.85	27.76	28.82	30.31	31.81	Heating Power (kW)
	4.87	4.92	4.97	5.02	5.05	5.1	5.15	5.35	5.43	5.5	5.6	5.68	5.82	5.97	6.12	6.27	6.42	Input Power (kW)
	1.95	2.28	2.52	2.66	2.82	3.05	3.17	3.26	3.48	3.81	4.2	4.22	4.45	4.65	4.71	4.84	4.96	COP
40	9.33	11.08	12.39	13.18	14.06	15.4	16.17	17.21	18.61	20.74	23.19	23.65	25.55	27.45	28.52	30.01	31.51	Heating Power (kW)
	5.59	5.64	5.69	5.74	5.77	5.82	5.87	6.07	6.15	6.22	6.32	6.4	6.54	6.63	6.78	6.93	7.08	Input Power (kW)
	1.67	1.96	2.18	2.3	2.44	2.65	2.75	2.84	3.03	3.33	3.67	3.7	3.91	4.14	4.21	4.33	4.45	COP
45	9.22	10.97	12.28	13.07	13.96	15.3	16.05	17.05	18.41	20.58	22.99	23.45	25.34	27.25	28.32	29.81	31.31	Heating Power (kW)
	6.07	6.12	6.17	6.22	6.25	6.3	6.35	6.55	6.63	6.7	6.8	6.88	7.02	7.07	7.22	7.37	7.52	Input Power (kW)
	1.52	1.79	1.99	2.1	2.23	2.43	2.53	2.6	2.78	3.07	3.38	3.41	3.61	3.86	3.93	4.05	4.17	COP
50	—	10.83	12.14	12.94	13.82	15.16	15.9	16.75	17.98	20.28	22.57	23.02	24.92	26.82	27.92	29.41	30.91	Heating Power (kW)
	—	6.72	6.77	6.82	6.85	6.9	6.95	7.15	7.23	7.3	7.4	7.48	7.62	7.67	7.77	7.92	8.07	Input Power (kW)
	—	1.61	1.79	1.9	2.02	2.2	2.29	2.34	2.49	2.78	3.05	3.08	3.27	3.5	3.6	3.72	3.83	COP
55	—	—	12.01	12.8	13.69	15.03	15.75	16.45	17.56	19.98	22.14	22.6	24.49	26.4	27.52	29.01	30.51	Heating Power (kW)
	—	—	7.37	7.42	7.45	7.5	7.55	7.75	7.83	7.9	8	8.08	8.22	8.27	8.32	8.47	8.62	Input Power (kW)
	—	—	1.63	1.73	1.84	2	2.09	2.12	2.24	2.53	2.77	2.8	2.98	3.19	3.31	3.43	3.54	COP
60	—	—	11.87	12.65	13.55	14.88	15.55	16.15	17.36	19.68	21.72	22.17	24.07	25.97	27.12	28.61	30.11	Heating Power (kW)
	—	—	7.97	8.02	8.05	8.15	8.2	8.4	8.48	8.5	8.65	8.68	8.87	8.87	8.97	9.07	9.22	Input Power (kW)
	—	—	1.49	1.58	1.68	1.83	1.9	1.92	2.05	2.32	2.51	2.56	2.72	2.93	3.03	3.16	3.27	COP

		Series: <b>Hero Plus</b>	Model: <b>P24T</b>	Compressor conditions: <b>72Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	11.19	12.94	14.81	15.97	17.32	18.11	18.53	18.86	20.33	23.02	25.4	26.09	27.16	29.83	31.45	33.07	34.71	Heating Power (kW)
	5.82	5.87	5.92	5.97	6	6.05	6.13	6.21	6.28	6.4	6.5	6.56	6.71	6.86	7.01	7.16	7.31	Input Power (kW)
	1.92	2.21	2.5	2.67	2.89	2.99	3.02	3.04	3.24	3.6	3.91	3.98	4.05	4.35	4.49	4.62	4.75	COP
40	11.03	12.78	14.65	15.8	17.16	17.94	18.35	18.68	20.15	22.84	25.16	25.85	26.92	29.59	31.21	32.83	34.47	Heating Power (kW)
	6.78	6.83	6.82	6.87	6.9	6.95	7.03	7.11	7.18	7.36	7.46	7.52	7.61	7.76	7.91	8.06	8.21	Input Power (kW)
	1.63	1.87	2.15	2.3	2.49	2.58	2.61	2.63	2.81	3.1	3.37	3.44	3.54	3.81	3.95	4.07	4.2	COP
45	10.92	12.67	14.54	15.7	17.05	17.84	18.23	18.56	20.03	22.72	25	25.69	26.76	29.43	31.05	32.67	34.31	Heating Power (kW)
	7.42	7.47	7.42	7.47	7.5	7.55	7.63	7.67	7.78	8	8.1	8.16	8.21	8.36	8.51	8.66	8.81	Input Power (kW)
	1.47	1.7	1.96	2.1	2.27	2.36	2.39	2.42	2.57	2.84	3.09	3.15	3.26	3.52	3.65	3.77	3.89	COP
50	—	12.54	14.41	15.56	16.92	17.7	18.08	18.41	19.88	22.57	24.8	25.48	26.56	29.22	30.84	32.47	34.11	Heating Power (kW)
	—	8.27	8.17	8.22	8.25	8.35	8.43	8.47	8.53	8.8	8.9	8.96	8.96	9.11	9.26	9.41	9.56	Input Power (kW)
	—	1.52	1.76	1.89	2.05	2.12	2.14	2.17	2.33	2.56	2.79	2.84	2.96	3.21	3.33	3.45	3.57	COP
55	—	—	14.27	15.43	16.78	17.57	17.93	18.26	19.73	22.42	24.6	25.28	26.36	28.8	30.64	32.26	33.9	Heating Power (kW)
	—	—	8.92	8.97	9.05	9.15	9.23	9.27	9.28	9.6	9.7	9.76	9.71	9.86	10.01	10.16	10.31	Input Power (kW)
	—	—	1.6	1.72	1.85	1.92	1.94	1.97	2.13	2.34	2.54	2.59	2.71	2.92	3.06	3.18	3.29	COP
60	—	—	14.14	15.28	16.65	17.42	17.73	18.11	19.58	22.27	24.39	25.07	26.15	28.59	30.43	32.06	33.7	Heating Power (kW)
	—	—	9.67	9.72	9.85	9.95	10.03	10.07	10.08	10.4	10.5	10.56	10.46	10.61	10.76	10.91	11.06	Input Power (kW)
	—	—	1.46	1.57	1.69	1.75	1.77	1.8	1.94	2.14	2.32	2.37	2.5	2.69	2.83	2.94	3.05	COP

		Series: <b>Hero Plus</b>	Model: <b>P24T</b>	Compressor conditions: <b>80Hz</b>														
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25		30	35
35	8.93	11.22	13.32	15.82	17.41	19.05	19.49	20.73	21.14	24.47	27	27.73	28.87	31.71	33.43	35.15	36.9	Heating Power (kW)
	6.68	6.73	6.78	6.83	6.86	7.11	7.2	7.3	7.32	7.4	7.6	7.65	7.78	7.92	8.06	8.2	8.34	Input Power (kW)
	1.34	1.67	1.97	2.32	2.54	2.68	2.71	2.84	2.89	3.31	3.55	3.62	3.71	4.01	4.15	4.29	4.43	COP
40	8.77	11.06	13.16	15.66	17.25	18.89	19.31	20.55	20.96	24.29	26.76	27.49	28.63	31.47	33.19	34.91	36.66	Heating Power (kW)
	7.64	7.69	7.74	7.79	7.82	8.07	8.16	8.26	8.28	8.36	8.56	8.61	8.68	8.82	8.96	9.1	9.24	Input Power (kW)
	1.15	1.44	1.7	2.01	2.21	2.34	2.37	2.49	2.53	2.91	3.13	3.19	3.3	3.57	3.71	3.84	3.97	COP
45	8.66	10.95	13.05	15.55	17.14	18.78	19.19	20.43	20.84	24.17	26.6	27.33	28.47	31.31	33.03	34.75	36.5	Heating Power (kW)
	8.28	8.33	8.38	8.43	8.46	8.71	8.8	8.9	8.92	9	9.2	9.25	9.28	9.42	9.56	9.7	9.84	Input Power (kW)
	1.05	1.31	1.56	1.84	2.03	2.16	2.18	2.3	2.34	2.69	2.89	2.95	3.07	3.32	3.46	3.58	3.71	COP
50	—	10.81	12.92	15.41	17.01	18.65	19.04	20.28	20.69	24.02	26.4	27.13	28.27	31.1	32.82	34.55	36.29	Heating Power (kW)
	—	9.13	9.18	9.23	9.26	9.51	9.6	9.7	9.72	9.8	10	10.05	10.03	10.17	10.31	10.45	10.59	Input Power (kW)
	—	1.18	1.41	1.67	1.84	1.96	1.98	2.09	2.13	2.45	2.64	2.7	2.82	3.06	3.18	3.31	3.43	COP
55	—	—	12.78	15.28	16.87	18.51	18.89	20.13	20.54	23.87	26.2	26.92	28.07	30.68	32.62	34.34	36.09	Heating Power (kW)
	—	—	9.98	10.03	10.06	10.31	10.4	10.5	10.52	10.6	10.8	10.85	10.78	10.92	11.06	11.2	11.34	Input Power (kW)
	—	—	1.28	1.52	1.68	1.8	1.82	1.92	1.95	2.25	2.43	2.48	2.6	2.81	2.95	3.07	3.18	COP
60	—	—	12.65	15.13	16.74	18.36	18.69	19.98	20.39	23.72	25.99	26.72	27.86	30.47	32.41	34.14	35.88	Heating Power (kW)
	—	—	10.78	10.83	10.86	11.11	11.2	11.3	11.32	11.4	11.6	11.65	11.53	11.67	11.81	11.95	12.09	Input Power (kW)
	—	—	1.17	1.4	1.54	1.65	1.67	1.77	1.8	2.08	2.24	2.29	2.42	2.61	2.75	2.86	2.97	COP

\*condition may not be reached under high pressure ratios

		Series: <b>Hero Plus</b>					Model: <b>P24T</b>					Compressor conditions: <b>90Hz</b> <small>*condition may not be reached under high pressure ratios</small>						
Water outlet (°C)	Ambient Temperature (°C)																	
	-30	-25	-20	-15	-12	-7	-5	0	2	5	7	10	15	20	25	30	35	
35	10.04	12.35	14.49	16.35	18.52	20.63	21.45	22.1	22.94	25.72	28.5	29.23	31.08	32.63	33.93	35.22	36.16	Heating Power (kW)
	7.67	7.72	7.77	7.82	7.85	7.9	8	8.1	8.22	8.3	8.5	8.58	8.73	8.93	9.13	9.28	9.43	Input Power (kW)
	1.31	1.6	1.87	2.09	2.36	2.61	2.68	2.73	2.79	3.1	3.35	3.41	3.56	3.65	3.72	3.79	3.83	COP
40	9.73	12.03	14.18	16.04	18.21	20.32	21.14	21.79	22.55	25.41	28.1	28.83	30.68	32.23	33.54	34.83	35.77	Heating Power (kW)
	8.75	8.8	8.85	8.9	8.93	8.98	9.08	9.18	9.3	9.38	9.58	9.66	9.81	10.01	10.27	10.42	10.57	Input Power (kW)
	1.11	1.37	1.6	1.8	2.04	2.26	2.33	2.37	2.42	2.71	2.93	2.98	3.13	3.22	3.26	3.34	3.38	COP
45	9.52	11.83	13.97	15.83	18	20.11	20.93	21.58	22.28	25.2	27.84	28.57	30.42	31.97	33.28	34.57	35.51	Heating Power (kW)
	9.47	9.52	9.57	9.62	9.65	9.7	9.8	9.9	10.02	10.1	10.3	10.38	10.53	10.73	11.03	11.18	11.29	Input Power (kW)
	1.01	1.24	1.46	1.65	1.87	2.07	2.14	2.18	2.22	2.49	2.7	2.75	2.89	2.98	3.02	3.09	3.14	COP
50	—	11.44	13.58	15.44	17.61	19.72	20.54	21.19	21.73	24.81	27.29	28.02	29.87	31.42	32.76	34.05	34.99	Heating Power (kW)
	—	10.42	10.47	10.52	10.55	10.6	10.7	10.8	10.92	11	11.2	11.28	11.43	11.68	11.98	12.13	12.29	Input Power (kW)
	—	1.1	1.3	1.47	1.67	1.86	1.92	1.96	1.99	2.26	2.44	2.48	2.61	2.69	2.73	2.81	2.85	COP
55	—	—	13.19	15.05	17.22	19.33	20.15	20.8	21.18	24.42	26.74	27.47	29.32	30.87	32.24	33.53	34.47	Heating Power (kW)
	—	—	11.37	11.42	11.45	11.5	11.6	11.7	11.82	11.9	12.1	12.18	12.33	12.63	12.93	13.03	13.24	Input Power (kW)
	—	—	1.16	1.32	1.5	1.68	1.74	1.78	1.79	2.05	2.21	2.25	2.38	2.44	2.49	2.57	2.6	COP
60	—	—	12.8	14.66	16.83	18.94	19.76	20.41	20.63	24.03	26.19	26.92	28.77	30.32	31.72	33.01	33.95	Heating Power (kW)
	—	—	12.32	12.37	12.4	12.45	12.55	12.65	12.77	12.85	13	13.13	13.28	13.58	13.88	13.93	14.19	Input Power (kW)
	—	—	1.04	1.19	1.36	1.52	1.57	1.61	1.62	1.87	2.01	2.05	2.17	2.23	2.28	2.37	2.39	COP

		Series: <b>Hero Plus</b>					Model: <b>P24T</b>					Compressor conditions: <b>Refer to below</b>				
COOLING PERFORMANCE DATA	Water Outlet Temperature	Ambient Temperature: 35/24°C							Ambient Temperature: 43/26°C							Nominal Cooling Capacity:  15.8kW*  Ambient Temperature: 35/24°C  Outlet Water Temperature: 7°C  *In limited frequency mode
		20°C	17°C	15°C	12°C	9°C	7°C	5°C	20°C	17°C	15°C	12°C	9°C	7°C	5°C	
		Compressor condition: 70Hz														
	Cooling Power (kW)	21.32	20.56	20.13	19.63	18.95	18.53	17.96	21.03	20.28	19.86	19.37	18.7	17.92	17.37	
	Input Power (kW)	7.43	7.38	7.35	7.32	7.29	7.25	7.28	7.49	7.44	7.41	7.38	7.35	7.31	7.34	
	COP	2.87	2.79	2.74	2.68	2.6	2.56	2.47	2.81	2.73	2.68	2.62	2.54	2.45	2.37	
		Compressor condition: 60Hz														
	Cooling Power (kW)	18.12	17.48	17.11	16.69	16.11	15.75	15.27	17.88	17.28	16.88	16.46	15.89	15.23	14.85	
	Input Power (kW)	6.09	6.05	6.03	6	5.98	5.95	5.97	6.14	6.1	6.08	6.05	6.03	5.92	5.95	
	COP	2.97	2.89	2.84	2.78	2.69	2.65	2.56	2.91	2.83	2.78	2.72	2.64	2.57	2.5	
		Compressor condition: 50Hz														
	Cooling Power (kW)	15.99	15.42	15.1	14.72	14.21	13.9	13.47	15.78	15.21	14.9	14.53	14.02	13.44	13.03	
	Input Power (kW)	5.13	5.09	5.07	5.05	5.03	5	5.02	5.24	5.21	5.19	5.17	5.14	5.12	5.14	
	COP	3.12	3.03	2.98	2.91	2.83	2.78	2.68	3.01	2.92	2.87	2.81	2.73	2.63	2.54	
		Compressor condition: 40Hz														
Cooling Power (kW)	13.01	12.54	12.28	11.97	11.56	11.3	10.96	12.83	12.37	12.11	11.81	11.4	10.93	10.59		
Input Power (kW)	4.09	4.06	4.04	4.03	4.01	3.99	4	4.12	4.09	4.08	4.06	4.04	4.02	4.04		
COP	3.18	3.09	3.04	2.97	2.88	2.83	2.74	3.11	3.02	2.97	2.91	2.82	2.72	2.62		
	Compressor condition: 30Hz															
Cooling Power (kW)	9.59	9.25	9.06	8.83	8.53	8.34	8.08	9.47	9.13	8.94	8.72	8.41	8.06	7.82		
Input Power (kW)	2.9	2.88	2.87	2.85	2.84	2.83	2.84	2.92	2.9	2.89	2.88	2.87	2.85	2.86		
COP	3.31	3.21	3.16	3.09	3	2.95	2.85	3.24	3.15	3.09	3.03	2.94	2.83	2.73		