

PHANTOR 6000

TECHNICAL DATASHEET



Technical data	
Length	6.058 m
Width	2.438 m
Height	2.896 m
Weight	11.000 kg
Power supply	105 kW 160A (400V, 50Hz) clockwise rotating field TNS network
Refrigerating machine	Semi-hermetic piston compressors Refrigerant: R-134A Brine: 25% antifreeze concentrate water mixture
Water treatment	Advanced carbon filter, UV-disinfection, deacidification/mineralization, fine filter
Integrated water tank	600 Liters
Housing	C5 coated 20ft HC All Access See container resp. C5 powder coated fins and recirculating chiller housing
Ambient temperatures	At least > 0°C Maximum +50°C

The thermodynamic simulation model of PHANTOR was developed in cooperation with the University of Applied Sciences Upper Austria. Tests in the climatic chamber of the accredited test center Rail Tec Arsenal confirm the outstanding function of PHANTOR and show that the real results are in agreement with the simulation model.

rel. F [%]	Waterproduction per 24 hours															
95		946	1 374	1 777	2 276	2 836	3 442	4 094	4 594	5 909	5 668	5 493	4 830	5 252	5 258	5 846
85		694	1 033	1 432	1 862	2 369	2 618	3 523	4 148	4 932	4 824	4 662	4 463	4 820	4 827	5 559
75		439	728	1 085	1 469	1 921	2 404	2 966	3 543	4 127	3 818	4 267	3 697	4 528	4 549	5 040
65		143	436	753	1 089	1 481	1 886	2 354	2 895	3 449	3 972	4 286	3 328	3 734	4 344	4 623
55			40	374	701	1 023	1 378	1 774	2 211	2 717	3 252	3 962	3 690	3 482	3 614	4 199
45					225	540	890	1 232	1 570	1 964	2 412	3 125	3 396	3 493	3 501	3 754
35							252	564	905	1 285	1 638	2 216	2 429	2 878	3 375	3 430
25										311	634	989	1 343	1 742	2 150	2 864
15															429,6	1046,9
[°C]	0	10,00	12,50	15,00	17,50	20,00	22,50	25,00	27,50	30,00	32,50	35,00	37,50	40,00	42,50	45,00

