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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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Find the *Leybold TURBOVAC 450iX* at our website: ***Click HERE***

Technical Data

Product: TURBOVAC 450 iX
Part No.: 830071V3300

Inlet connection:	DN 160 ISO-K	
Outlet connection:	DN 25 ISO-KF	
Pumping speed		
N_2 - Nitrogen:	430 l/s	
Ar - Argon:	400 l/s	
He - Helium:	440 l/s	
H_2 - Hydrogen:	420 l/s	
Gas throughput		
N_2 - Nitrogen:	4.5 mbar x l/s	
Ar - Argon:	2.0 mbar x l/s	
He - Helium:	8.0 mbar x l/s	
H_2 - Hydrogen:	8.0 mbar x l/s	
Compession ratio		
N_2 - Nitrogen:	$1{,}0 \times 10^{11}$	
Ar - Argon:	$1{,}0 \times 10^{11}$	
He - Helium:	$1{,}0 \times 10^{8}$	
H_2 - Hydrogen:	$1{,}0 \times 10^{6}$	
Ultimate pressure:	$< 1.0 \times 10^{-8}$ mbar	$< 7.5 \times 10^{-9}$ Torr
Max. foreline pressure for N_2 :	10.0 mbar	7.5 Torr
Nominal rotation speed:	60000 min^{-1}	60000 rpm
Rotational speed adaptation:	50 -100%	
Run -up time:	≈ 5.5 min	
Admissible ambient temperature:	5 - 45°C	41 - 113°F
Standard cooling:	Convection	
Optional cooling	Air / Water	
Cooling water connection:	plug connection for 6x1 hose alternative G 1/8" screw in thread	
Cooling water consumption:	50 - 100 l/h	
Permissible cooling water pressure:	3 - 6 bar	
Permissible cooling water temperature:	15 - 35°C	
Dimensions:	See dimension sheet	
Weight:	≈ 8.2 kg	≈ 18.1 lbs
Noise level:	≤ 44 db(A)	

Technical data are subject to change

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Technical Data

Technical data for integrated drive electronics:

Integrated vacuum system controller:	yes
Mains connection:	24/48 V DC ± 10%
Max. current consumption:	10 A at 24 V DC
Max. power consumption:	240 W
Power consumption at ultimate pressure:	20 W
Interfaces:	RS 485, USB, 15-Pin digital I/O
Protection class:	IP 40

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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