

Technical Data

Product: TURBOVAC MAG W 600 iP
Part No.: 410600V0505

Inlet connection:	DN 160 ISO-K	
Outlet connection:	DN 25 ISO-KF - clamped	
Pumping speed		
N ₂ - Nitrogen:	550 l/s	
Ar - Argon:	520 l/s	
He - Helium:	570 l/s	
H ₂ - Hydrogen:	410 l/s	
Gas throughput		
N ₂ - Nitrogen:	9.0 mbar x l/s	
Ar - Argon:	- - -	
He - Helium:	- - -	
H ₂ - Hydrogen:	- - -	
Compression ratio		
N ₂ - Nitrogen:	1.6×10^{10}	
Ar - Argon:	- - -	
He - Helium:	1.7×10^6	
H ₂ - Hydrogen:	3.4×10^4	
Ultimate pressure:	$< 1.0 \times 10^{-8}$ mbar	$< 7.5 \times 10^{-9}$ Torr
Max. foreline pressure for N ₂ :	6.0 mbar	4,5 Torr
Nominal rotation speed:	48000 min ⁻¹	48000 rpm
Run -up time:	≈ 6 min	
Max. power consumption:	400 W	
Power consumption at ultimate pressure:	100 W	
Protection rating:	IP 30	
Admissible ambient temperature:	+10 to +40°C	+50 to +104°F
Cooling standard:	Convection	
Cooling optional:	Air / Water	
Cooling water connection:	G 1/8", Inside thread	
max. cooling water consumption:	60 l/h	
Max. permissible cooling water pressure:	6 bar	
Permissible cooling water temperature:	+15 to +25°C	+59 to +77°F
Dimensions:	see dimension sheet	
Weight:	≈ 17.0 kg	≈ 37.5 lbs

Technical data are subject to change