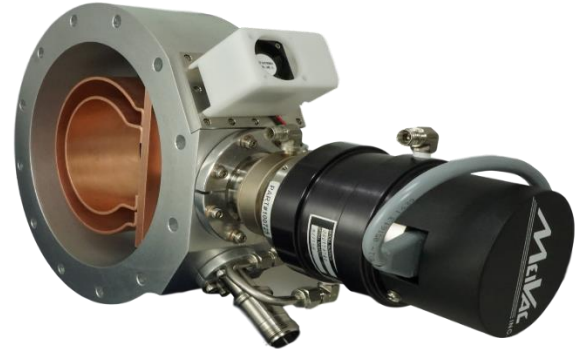


FEATURES

- **Stirling Cryocooler Technology**
- **Low profile in-line design**
- **ISO flange configurations DN200 & DN250**
- **Regenerates Using Built In Heating Element** including control interface
- **Pair In-line with Turbo and Mechanical Pumps** (Water Pumping Speed up to 4,000 l/s)
- **Rack mount controller with Touchscreen**
- **Common user interfaces and communications protocol available**



CRYOGENIC WATER PUMP

Contact MeiVac for Price and Availability.

Improve your process by reducing
pump down time and lowering base
level vacuum!

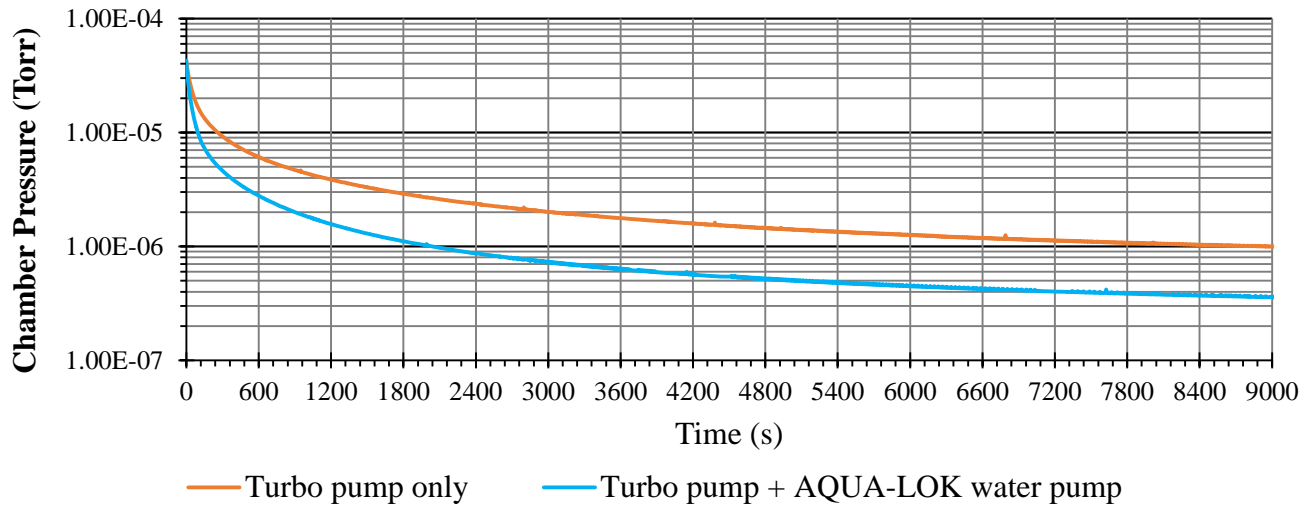
BENEFITS

- **Up to 80% faster pump-down time** over Turbo and Mechanical Pump alone
- **Improved Base Vacuum** by removing water vapor gas loads
- **Reduced cleanroom footprint** – No compressor gas lines or cooling requirement
- **Energy & Cost Efficient** – Power consumption of 300W vs 5.5kW for traditional water pumps which require compressors and that translates into a 70% reduction in operational cost
- **Minimal Cooling Requirement** < 0.5 gpm for the cryocooler
- **Low Maintenance** – No downtime for routine maintenance or recharging compressors
- **Regen cycle is short and efficient** with built-in regeneration system
- **Clean Room Compatible**



Model No: CWP-200-ISO

Comparison of Pumping Speed



Pump Specifications

Nomenclature of Dimensions		Operational Specifications						
O.D	Flange Outside Diameter	Input Voltage			Universal input V			
I.D.	Flange Inside Diameter	Optional Interface			RS-232/485			
T	Flange Thickness	Temperature of Array during operation			107K			
A	Assembly width at Stirling Component	Temperature of Array during Regen cycle			240 K			
N	Number of mounting bolt holes	Regen cycle period			140 minutes			
H	Diameter of mounting bolt holes							
D	Mounting bolt circle diameter							
Model	Part Number	O.D.	I.D.	T	A	N	H	D
CWP-200-ISO	0120-0004-0	285	213	94	498	12	11	260
CWP-250-ISO		335	261	100	549	12	11	310

Dimensions in mm

