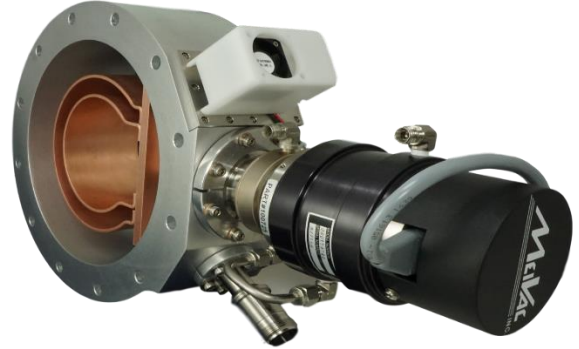


FEATURES

- **Stirling Cryocooler Technology**
- **Low profile in-line design**
- **ISO flange configurations from DN200 to 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**

BENEFITS

- **Up to 50% 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**



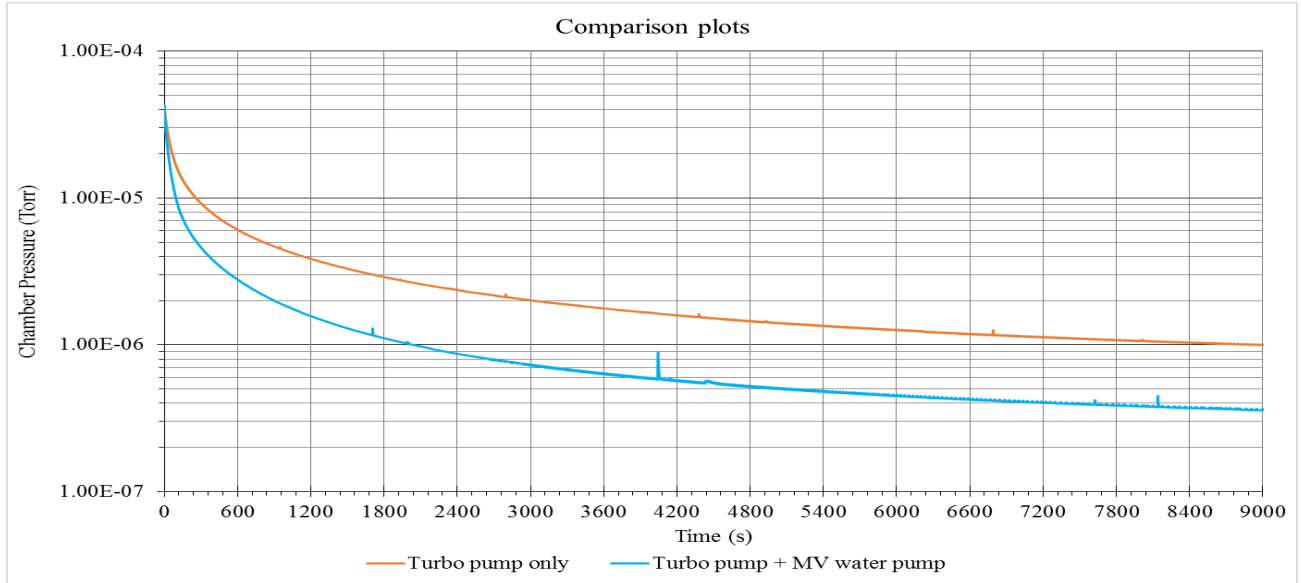
CRYOGENIC WATER PUMP

Contact factory for Price and Availability.

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



MeiVac P/N: CWP-200-ISO



Cryogenic Water Pump Specifications

Nomenclature of Dimensions			Operational Specifications					
O.D.	Flange Outside Diameter		Input Voltage			Universal Input V		
I.D.	Flange Inside Diameter		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		O.D.	I.D.	T	A	N	H	D
CWP-200-ISO		285	213	94	498	12	11	260
CWP-250-ISO		335	261	100	549	12	11	310

Dimensions in mm

