MIVT

MIVT Smart Pump
For Clear Water

Application Limits

- Liquid temperature: +2°C ~ +90°C
- Maximum ambient temperature +40°C
- Maximum system pressure 6bar
- Protection level: IP44
- Mains connection: 220V/50Hz
- Insulation class: F
- pH: 6.5 to 8.5
- The medium must be clean: free of solid particles such as mud, sand, iron filings, and fibers.
- It cannot pump easily vaporized liquids: high-temperature water or low-boiling-point media must be operated under pressure.



Advantages & Features

- Ultimate Energy Saving: Permanent magnet synchronous motor + frequency converter, resulting in overall energy savings of 20%~40%.
- Absolutely Leak-Free: Fully enclosed structure, no mechanical seals, completely eliminating leaks.
- Ultra-Quiet Operation: No fan noise, low electromagnetic noise, with noise levels as low as 40~55 decibels, suitable for quiet environments.
- Maintenance-Free and Long Lifespan: No couplings or replaceable seals, lifespan 2-3 times that of ordinary pumps, essentially maintenance-free.

Model	Power kW	Power HP	Max. Flow (l/min)	Max. Head (m)	Rated Flow (l/min)	Rated Head (m)	Outlet (inch)	Max. Suction (mm)
MIVT430	0.43	0.6	75	33	35	20	1	5
MIVT630	0.63	0.85	95	35	43	30	1	5