



MINDERSPEED - ECO
MXB SERIES PUMP

Features & Advantages



- **Ultra Quiet Operation** - MINDERSPEED™ pumps are so quiet that you may not even notice it is running. It is rated at 40dB at 1 meter distance at low speed.
- **3 Speeds Interface Option** (Factory Pre-set)
- **Reliable** – Wet-end component is constructed from corrosion and UV resistant engineered plastic for long operation life. Built in over-heating and overloading protection.
- **Performance** – Unique AC bearing technology allows effective power delivery, resulting in optimum flow rate for quick water turnover.
- **Convenient** – Extra-large basket for long intervals between cleaning.
- **Optional Air wash for high efficient media backwashing** – Reduced Wastewater & energy saving up to 85%.
- All models come with 2" (Imperial) /63mm (Metric) angle adjustable union. (Traditional Union is available by request)
- Self-priming at 2m
- Enclosure Class is IP55 & Insulation Class is F

Warranty

Pump	2 year
Mechanical seal & O-ring	1 year

MINDERSPEED-ECO™ is a variable speed pump with inverter technology. It employs the latest AC bearing technology and equipped with energy saving motor and variable speed driver. MINDERSPEED™ ECO offers lower speed options for energy saving and in-turn reducing noise & vibration level.



Interface of ECO-Minderspeed

MINDERSPEED-ECO™ has 3 speed options. High speed, Medium Speed and Low Speed. Pool doesn't need high speed flow all the time, high speed is mostly used for backwash or pool cleaning. During low or non-occupancy of pool, a low speed filtration is only needed which happens 90% of the pool life time. When the pool is heavily occupied with swimmers, the pump can be switched to medium speed. As a result, the pumps energy can be save up to 85%.



INTRODUCING AIR WASH

MINDERSPEED-ECO™ enables Minder to introduce AIR WASH, a breakthrough technology that allow ultimate water saving for media filters. Minder's AIR WASH system saves up to 85% of water compares to traditional system. It is the world most affordable, reliable and effective water saving media filtration system.



Transparent Lid



Robust plastic body with angle adjustable union



Ultra quiet and high performance motor

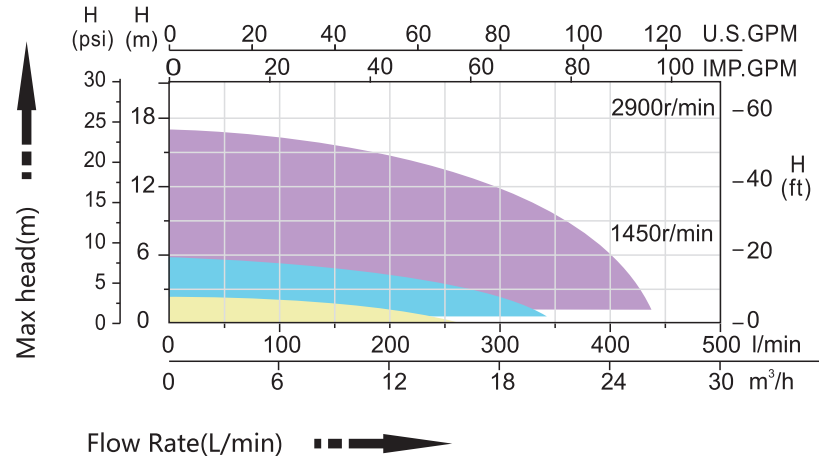
Operating Limits

Model	
Maximum water temperature	50°C
Maximum Ambient Temperature	50°C
Noise at 1 meter	40 dB

Application

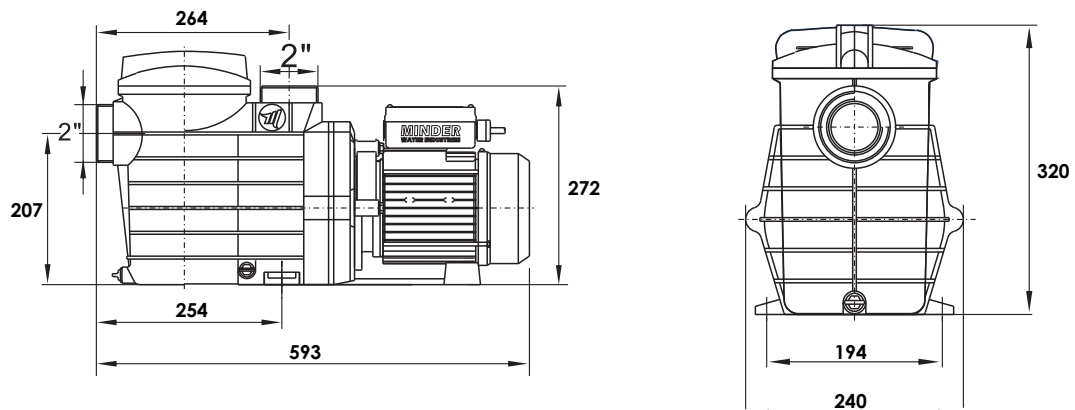
- Domestic pools
- Commercial pools
- Water features

Technical Specification



Model	Union Connection Size		Voltage V	Phase	Frequency Hz	Amperage A	Input Power kw	Output Power HP	RPM
	Imperial	Metric							
MXB150-E	2.0"	63mm	220 - 240	1	50 / 60	5.2	1.1	1.5	2850

Dimensions (mm)





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