

WATEX MWTP TACTIX

TECHNICAL DATA SHEET

Mobile drinking-water purification system



Read this document completely before installation and operation. Keep it with the unit.

Purpose and operating principle

WATEX MWTP Tactix is a portable four-stage reverse-osmosis system for treating fresh water when a fixed water connection and sewer are unavailable. The treatment stages are a mechanical screen, a 5 µm polypropylene cartridge, a coconut-shell activated-carbon cartridge and a reverse-osmosis membrane.

Verified technical data

Parameter	Verified value / condition
Product code	MWTP TACTIX
Weight	10 kg
Length	0.53 m
Width	0.18 m
Height	0.40 m
Nominal flow at 12 V	20 L/h
Maximum flow at 24 V or through the 220 V converter	60 L/h (1 L/min)
Power options	220 V mains via 24 V converter; or two 12 V batteries in series
Fixed water / sewer connection	Not required; separate portable vessels are used
Treatment train	Mechanical screen; 5 µm PP; coconut activated carbon; RO membrane
Filtration quality	90-95%, conditional on feed-water quality and operating conditions
Additional equipment	TDS meter; confirm inclusion for the delivered unit.

Performance qualification

The stated 90-95% filtration quality is a system-level reference, not a universal contaminant-removal or microbiological guarantee. Output and treated-water quality depend on raw water, temperature, pressure, power supply, element condition and correct hose routing. Confirm drinking-water suitability by appropriate analysis.

Components and connections



1. Power converter (220 V to 24 V)	9. Raw-water hose
2. Water pump	10. Concentrate return hose
3. Battery (12 V)	11. TDS meter (additional equipment; confirm inclusion)
4. Battery (12 V)	12. Battery connection cables
5. Sediment cartridge (5 µm)	13. LEFT WHITE port - raw-water inlet from the raw-water vessel
6. Activated-carbon cartridge	14. CENTRE WHITE port - concentrate return to the raw-water vessel
7. Reverse-osmosis membrane module	15. RIGHT BLUE port - purified-water outlet to a separate clean-water vessel
8. Purified-water hose	16. Example: two 12 V batteries connected in series to the pump

Technical support

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