

## VERAGON™ V300 WT-FW-T

**VERAGON'S V300 WT-FW-T IS A MOBILE FRESH WATER TREATMENT UNIT. EACH UNIT IS HOUSED INSIDE A SHOCK-RESISTANT SUITCASE WHICH IS EASILY CARRIED BY A SINGLE PERSON.**



The V300 can be used in critical or non-emergency situations (civil, military camps, tourist sites, etc.) to make clean water accessible to small groups of people, in areas where water is freely available but not of drinkable standard.

The unit guarantees a high level of sterilisation and optimal filtration. This ensures quality drinking water, through the removal of pollutants, algae, suspended solids, microorganisms and excess chemical molecules.

Veragon's V300WT-FW-T is able to treat up to 300 litres of water per hour. It can serve as an ideal solution in civil and military situations to allow the use of otherwise undrinkable fresh water. The treated water can be used for washing of equipment, for irrigation, for sanitary use and for food.

The V300 is manufactured from simple, economical components that facilitate routine maintenance. The treatment process involves the use of a pre-filter, which is engineered to ensure regular self-cleaning.

Veragon's V300WT-FW-T can also be equipped with an expandable 2500 mm x 4000 mm plastic material food grade water storage tank.

TREATED WATER TECHNICAL FEATURES V300WT-FW-T	
INPUT SALINITY	Max. 2,000 ppm
TREATED WATER FLOW	Up to 300 litres/hour (7,200 litres/day)
PRE-FILTRATION	Self-cleaning filter 90 micron 24VDC 500 mA
PUMP	Max. 5 bar
WASHABLE MECHANICAL FILTRATION	Cartridge AISI 316 10 micron
TOTAL MECHANICAL FILTRATION	0.05 micron
CHEMICAL FILTRATION	Heavy Metals (removal order Cu > Va > UO <sub>2</sub> > Pb <sup>2+</sup> > Ni <sup>2+</sup> > Cd <sup>2+</sup> > Fe <sup>2+</sup> > Mn > Ca <sup>2+</sup> > Mg <sup>2+</sup> > Ba)
STERILISATION	UV-C with irradiation display (max. 10 litres/minute)

TECHNICAL FEATURES V300WT-FW-T	
WORKING CONDITIONS	T = 17-45 °C
TANK	Optional - flexible food grade 5mc
SIZE / WEIGHT	860 mm x 560 mm x 355 mm / 38 kg
ELECTRICAL SUPPLY	230 V (single-phase) / 50 Hz or 24 VDC
POWER CONSUMPTION	14Ah C.A.
CERTIFICATION	CE

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