

## VERAGON V10 MIL 1000 Lit/D

**VERAGON'S V10 MIL PRODUCES 'WATER FROM THE AIR', RESULTING IN AN END PRODUCT OF DRINKING OR DEMINERALISED WATER, AT A LOWER COST THAN CONVENTIONAL BOTTLED SUPPLIES, WITH NO ENVIRONMENTAL IMPACT.**



Veragon is proud to introduce the V10 MIL, a pinnacle of innovation in sustainable water technology, rigorously tested by the world's most demanding commercial operators and in collaboration with leading NGOs, including the United Nations World Food Programme. Designed for resilience and efficiency, the V10 MIL transforms air into pure, drinkable water, offering a revolutionary solution to global water scarcity challenges.

The V10 MIL starts by drawing humid air through a state-of-the-art filtration system, leading it into a condensation chamber where it meets ultra-cold plates. This process rapidly accelerates the dew point, effectively converting water vapor into liquid. The result is high-quality, condensed water stored ready for purification.

Utilizing advanced UV Light and

Ultrafiltration technologies, the V10 MIL ensures every drop of water is free from organic, chemical impurities, and bacteria. Following purification, water undergoes mechanical filtration to eliminate any odors and tastes, ensuring a refreshing experience. The water is then enriched with essential minerals through special mineralizing cartridges, offering enhanced nutritional benefits.

Before reaching you, the water is cooled to perfection by an optional chiller, providing a refreshingly cool drink. Our commitment to safety includes a final stage of ultraviolet (UV-B) irradiation, preventing tap contamination and ensuring the water meets the highest potability standards. Continuous monitoring by dedicated probes guarantees consistent water quality.

Capable of producing up to 1,000 liters of clean water daily under optimal conditions, the V10 MIL presents an eco-friendly alternative to traditional water sources like wells, bottled water, and energy-intensive systems such as reverse osmosis or desalination.

Choosing the V10 MIL means investing in a future where clean, sustainable water is accessible everywhere. Its robust design, combined with cutting-edge purification and mineralization processes, makes it an ideal solution for meeting the water needs of communities, emergency response efforts, and environmentally conscious individuals and organizations.

Explore the difference the V10 MIL Air to Water Generator can make in addressing your water supply challenges. Join Veragon in our mission to provide innovative, sustainable water solutions for a thirsty world.

**TRIED AND TRUSTED BY THE WORLD'S LEADING OPERATORS**

## V10 MIL TECHNICAL FEATURES

WATER PRODUCTION CAPABILITY (*)	Up to 1.000 Liters/day (about 40 Lt/h)
WORKING CONDITIONS	17-45 °C / 20-100% RH
UNIT FRAME	Stainless steel AISI 304 or Galvanized Metal
TANK	PE 900 Lt - Polyethylene for drinking water
SIZE, WEIGHT	H 177cm / W 190cm / L 219cm / 1,000 kg
DISINFECTION	UV-C / Ultrafiltration
REFRIGERATING GAS (AIR TREATMENT)	R410C
ELECTRICAL SUPPLY	380V - 50 Hz / 5 pin plug (triphase + neutral)
REQUIRED ELECTRIC POWER SOURCE	30.0 kWh
REFRIGERATION CAPACITY SUPPLIED WATER	Δ T° 20° (up to 50° external T°)
NOISE	About 64 db
POWER CONSUMPTION (indicative temp. 30°)	About 8.5 kWh (tropicalized type)
WATER QUALITY DELIVERED	Certified drinkable water
COMPLIANCE WITH WATER STANDARD	World Health Organization, Food and Agriculture Organization of the United Nations, Rome 2007 - D.L. 2001 n. 31 Italy
CERTIFICATION	ISO9001:2008 / CE / DM174
COLOR	Military Green / Sand / Grey / White (other color available upon request)

(\*) TROPICALIZED = T 40° - RH 90%

## V10 MIL MODELS

TYPE	DISINFECTION	VERSION	CODE	BASIC EQUIPMENT
TROPICALIZED	UV Light Ultrafiltration	BASIC SPEC	V10MIL-T-B	Electromechanical operation, water quality constantly measured, hydraulic pipes and fittings in stainless steel, filter, activated carbon filter bloc, mineralization cartridge, water chiller, hydraulic and electric preparation for packaging machine.
		TOP SPEC	V10MIL-T-T	Electromechanical, water quality constantly measured, hydraulic pipes and fittings in stainless steel, filter, activated carbon filter bloc, mineralization cartridge, water chiller, PLC control panel, display for alarm and vital function, hydraulic and electric preparation for packaging machine.

## V10 MIL RECOMMENDED OPTIONAL FEATURES

OPTIONAL	DESCRIPTION	CODE
MINERALIZATION SYSTEM	Automatic water mineralization. Checks the micro-dosage and dilution of the liquid solution of hyper-concentrated salts allowing the production of water with desired type and quantity of dissolved minerals.	SM
BIOFILM PROBE	Microorganisms (pathogenic and not) may generate an organic film on the inner walls of the hydraulic circuits. The sensor allows the constant monitoring of the state of such biofilms and the consequent change of the biocide. (Option only applicable if the units are equipped with a PLC).	BP
HEAVY METAL FILTRATION SYSTEM	The Heavy Metal module (HM) ensures separation from any heavy metals from the generated water. The product is certified XRAS - DVGW for drinking water.	MF
HUMAN MACHINE INTERFACE	The HMI includes a 10" color, touch display, a software for remote control of the main functions of the generator and the treatment process. The software can issue alarms signals via email or telephone.	HM
OFF ROAD TRAILER	Allows transport of the drinking water production units even in extreme environmental conditions.	OT