

FIELD-READY PERSONAL WATER PURIFICATION

DESERTDROP™

HYDRATION INDEPENDENCE.
BUILT TO MOVE.

Compact personal water purification for field operations, emergency response and remote outdoor use.

COMPACT / LIGHTWEIGHT / NO EXTERNAL POWER

J2 J2 SOLUTION
COMPANY

CONCEPTUAL FIELD-USE IMAGE

PERSONAL PURIFICATION. BUILT TO MOVE.

DesertDrop combines UF, iodine resin and activated carbon in a compact suction-operated device. Designed for individual carry, it supports freshwater treatment where infrastructure or power may be limited.



170 × Ø28 mm

COMPACT SIZE

70 g

LIGHTWEIGHT

UP TO 2,000 L*

RATED CAPACITY

0.3 L/MIN*

FLOW RATE

BUILT FOR DEMANDING ENVIRONMENTS



FIELD OPERATIONS

Personal readiness



EMERGENCY RESPONSE

Disaster support



REMOTE WORK

Off-grid mobility



OUTDOOR & SURVIVAL

Portable backup

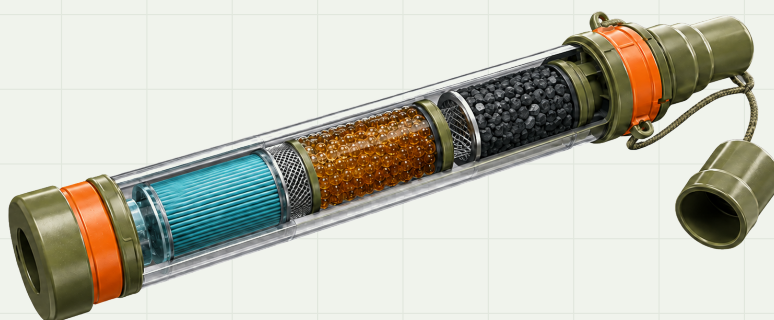
* Rated values depend on source-water quality, turbidity, temperature and operating conditions.

MADE IN KOREA | J2 SOLUTION COMPANY

DESERTDROP PRODUCT BROCHURE | 2026

THREE-STAGE FILTRATION. ONE COMPACT SYSTEM.

Water moves from the raw-water inlet through UF, iodine-resin and activated-carbon stages before reaching the mouthpiece.



- 1 RAW-WATER INLET**
Freshwater enters the intake end.
- 2 UF MEMBRANE**
Physical filtration stage.
- 3 IODINE RESIN**
Contact-treatment media stage.
- 4 ACTIVATED CARBON**
Taste and odor conditioning.
- 5 MOUTHPIECE**
Treated-water outlet.

RAW WATER → UF → IODINE RESIN → ACTIVATED CARBON → OUTLET

TECHNICAL SPECIFICATIONS

Product	DesertDrop Personal Water Purifier
Dimensions	170 mm x Ø28 mm
Weight	70 g
Rated capacity	Up to 2,000 L*
Flow rate	0.3 L/min*
Treatment stages	UF / Iodine Resin / Activated Carbon
Operation	Manual suction / No external power
Country of origin	Republic of Korea

HOW TO USE

- 1 OPEN & INSPECT**
Remove the protective caps. Keep the mouthpiece clean and inspect the body for damage.
- 2 POSITION THE INLET**
Place the intake end in a suitable freshwater source or container. Prefilter highly turbid water if possible.
- 3 DRAW WATER STEADILY**
Use slow, steady suction through the mouthpiece. After use, drain, dry and replace the caps.

IMPORTANT USE LIMITS

Freshwater use only. DesertDrop does not desalinate seawater and is not intended for water contaminated by fuel, industrial chemicals, heavy pollution or radiological hazards. Do not use a damaged or frozen unit. Capacity and flow depend on water quality and operating conditions. Users with iodine sensitivity or relevant medical conditions should follow local health guidance before use.

MANUFACTURED BY J2 SOLUTION COMPANY

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* Rated values are subject to source-water quality and use conditions. Specifications may change without notice.



PRODUCT WEBSITE