

# SALIENT CHARACTERISTICS

Katadyn Survivor 06-LL-1 RES US Air Force — Military Survivor Desalination Unit

## 1. Item Identification

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| <b>Manufacturer</b>                           | Katadyn Group                     |
| <b>Product / Model</b>                        | Survivor 06-LL-1 RES US Air Force |
| <b>Manufacturer Part Number / Article No.</b> | 8021418                           |
| <b>Quantity</b>                               | 11 units                          |

## 2. Technical Characteristics

| Characteristic               | Manufacturer-stated value                                                                               |
|------------------------------|---------------------------------------------------------------------------------------------------------|
| Technology                   | Reverse osmosis with patented high-pressure energy recovery pump.                                       |
| Salt rejection               | 98.4% average; 97% minimum at 34,000 ppm.                                                               |
| Water output                 | 0.97 L/hour (0.26 US gal/hour).                                                                         |
| Pump rate                    | 43 strokes/minute.                                                                                      |
| Feed water                   | Fresh, brackish, or saltwater.                                                                          |
| Intended users               | Hand-operated reverse-osmosis watermaker for 1–6 people.                                                |
| Operating temperature        | 2°C to 45°C (36°F to 113°F).                                                                            |
| Storage temperature          | –10°C to 45°C (14°F to 113°F).                                                                          |
| Weight                       | 1.23 kg (2.7 lb).                                                                                       |
| Dimensions                   | 23 × 15 × 5.7 cm (9 × 5.9 × 2.2 in).                                                                    |
| Lifetime / exchange interval | 5 years, as stated in the manufacturer fact sheet.                                                      |
| Materials                    | Stainless steel, composites, and plastics stated to comply with international food-contact regulations. |

## 3. Intended Application / Additional Notes

The manufacturer describes the unit as a compact, lightweight military-grade desalinators for emergency and survival situations. The fact sheet states that it is approved by the U.S. Coast Guard and approved to replace 2/3 of the stored water in survival crafts. These statements are reproduced as manufacturer-provided information and are not independently verified in this document.

### Source

Katadyn Group, “Katadyn Survivor 06-LL-1 RES US Air Force” product fact sheet, page 1 of the fact sheet (page 3 of the uploaded five-page PDF). Item identification and quantity are also shown on the attached DD Form 1348-6.

**Use note:** This document summarizes characteristics stated in the manufacturer documentation. It does not independently determine whether the acquisition should be brand-name-only or brand-name-or-equal, and it does not add performance requirements beyond the source material.

## KATADYN SURVIVOR 06-LL-1-RES US AIR FORCE - The world's smallest desalinator newly designed for circularity

### PRODUCT CHARACTERISTICS

|                 |                                                                                                                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------|
| Technology:     | Reverse osmosis with patented high-pressure energy recovery pump                                                               |
| Salt Rejection: | 98.4% in average (97% minimum at 34'000 ppm)<br>Desalination degree depends on factors such as water temperature and salinity. |
| Flow:           | 0.97 l/h = 23.3 l/day*<br>0.26 gal/h = 6.2 gal/day*                                                                            |
| Pump Rate:      | 43 Strokes/min                                                                                                                 |
| Temperature:    | Operation: 2°C to 45°C / 36°F to 113°F<br>Storage: -10°C to 45°C / 14°F to 113°F**                                             |
| Weight:         | 1.23 kg / 2.7 lbs                                                                                                              |
| Dimensions:     | 23 x 15 x 5.7 cm / 9 x 5.9 x 2.2 in                                                                                            |
| Feed Water:     | Fresh, brackish or saltwater                                                                                                   |
| Storage:        | 5 years lifetime / exchange interval***                                                                                        |
| Material:       | Stainless steel, composites and plastics in compliance with international food contact regulation.                             |
| Content:        | 1 unit compactly packed in sealed bag                                                                                          |
| Article No.:    | 8021418 bulk pagaging (8 pieces per box)<br>GTIN-13: 0604375214187                                                             |



### FACTS

- Hand-operated reverse osmosis watermaker for 1 - 6 people
- Optimum pump frequency: 43 pumps per minute
- Approved by the U.S. Coast Guard
- Approved to replace 2/3 of the stored water in survival crafts
- Newly designed for circularity and boosted sustainability\*\*\*

### SHORT PROFILE

This military grade desalinator offers a one-armed, reliable way to purify salty, brackish, and freshwater. Ideal for tactical emergency preparedness in multi-tasking situations, customized for US Air Force.

### PRODUCT CHARACTERISTICS > BENEFITS

- The world's smallest desalinator > compact and lightweight
- Provides 0.97l/h drinking water > ensures survival in emergency situations
- Hand-powered efficiency > off-grid autonomy with effortless (< 52N) pumping
- Military grade impact resistant materials > able in heavy duty missions
- Durable design > extremely reliable for 250h of use\*