

# PARKER ULTROCLEAR DF UC2400-116 DESALINATOR 378 LT/H



## Product description:

PARKER ULTROCLEAR DF UC2400-116 DESALINATOR 378lt/H

The desalinator PARKER ULTROCLEAR DF UC2400-116 is a reverse osmosis plant in compact or modular configuration with 378lt/h flow rate.

Parker UltraClear DF converts seawater to double purified. Its reliable piping connection enables a direct feed that activates automatic operation and produces pure water when fed directly into the system.

The Parker desalinator with 378lt/h flow rate is a reverse osmosis system that adopts an easy principle whereby the molecules of a solvent, such as liquid, pass from a concentrated solution to a less concentrated solution with a pressure on the more concentrated solution higher than the osmotic pressure. Each reverse osmosis system is equipped with a semi-permeable membrane that can separate the solute from the solvent in order to obtain a pure liquid and discard the solute.

The Parker Ultraclear desalinator is able to retain all impurities and dissolved mineral salts by delivering fully osmotized water.

The membranes are the true core of this type of systems. The membranes of the desalinator differ according to their size, normally expressed in inches, and the delivery capacity, expressed in GPD. The membranes that make up Ultraclear therefore, are 2400 GPD 378lt/h.

Thanks to its small size, it can be applied in boats or particularly narrow and unwieldy premises, maintaining optimal performance in all circumstances.

TECHNICAL CHARACTERISTICS ULTROCLEAR PARKER DISSALATOR DF UC2400-116  
378lt/h

**Production:** 378lt/g

**Daily production:** 9072lt/g

**Nominal performance:** +-15% at 820 PSI / 57 bar, 77°F / 25°C and 35,000 PPM TDS

**Salt rejection:** Minimum 99.2%, average 99.4%

**Water produced temperature:** Room temperature

**Pressure adjustment:** User adjustable (manual)

**Salinity monitoring:** The system's salinity monitoring components give a continuous TDS reading in ppm

**Salinity range:** Designed to use seawater up to 50,000 PPM TDS

**Temperature range Max:** 122°F / 50°C, Min. 33°F / .5°C

**Power supply flow:** 4.5 gpm / 17 lpm

**Reverse Osmosis Membrane:** Selected high rejection/high performance tri-polyamide aromatic membrane, thin film composite, spiral wound, single pass.

**Chlorine tolerance:** 0.1 PPM

**pH Range:** 3-11

**Supply Pressure:** Maximum 35 psi / 2.41 bar / 2.46 Kg/cm<sup>2</sup>

**Width:** 531mm

**Length:** 719 mm

**Height:** 336 mm

**Weight:** 23kg

If you are looking for another desalinator we suggest you to browse our entire catalog dedicated to nautical desalinators.

Images and technical data are not binding.

#### Product features:

Length (mm): 531

Width (mm): 719

Height (mm): 336

Dry weight (Kg): 23

Production for hour at 25°C (Lt/h): 378

Daily production at 25°C (Lt/day): 9072