

BASIC 15

Cat. No.: DB-015-0K




HYDROLAB[®]
WATER PURIFICATION SYSTEMS

**Technical specification:**

- The device is fed by tap water.
- Water purification levels:
 - sediment pre-filter 5µm,
 - demineralization on a mixed ionex resin.
- Water intake point - second purity class (ISO 3696:1999, ASTM, CLSI) - nozzle reach min. 2 m.
- Conductivity depending on the flow rate: 0,2 – 0,8 µS/cm
- Maximum working pressure: 10 bar.
- Purified water intake speed: 1-2 dm³/min.
- Maintenance procedures may be performed by the user (easy disposables replacement).
- Fed by cold water: 5-40°C.
- Energy consumption < 25W.
- Power supply: 230V/50Hz.
- Can be installed by the user.

Functions monitoring the device:

- The device is equipped with a microprocessor control and measurement system, that includes:
 - LCD display screen 2x16 characters,
 - conductometer measuring conductivity and temperature of demineralized water,
 - clock displaying date and time,
 - alarm informing about necessity to replace mechanical filter,
 - alarm informing about necessity to replace the mixed bed,
 - maintenance dates preview,
 - installed RS 232 connector intended for communication with a personal computer, allowing to make an individual set of maintenance frequency and alarm levels

Dimensions (width x depth x height): 250x310x1120 mm

Feed water parameters:

- Conductivity < 1200 µS/cm
- Pressure > 3 bar
- Temperature: 5-40°C
- Hardness < 250 mg CaCO₃/dm³
- Fe < 0,2 mg/dm³

Usage:

Obtained water may be used for for general-purpose research, for autoclaves, climatic chambers, etc.

Required connections:

- cold water connection 1/2" or 3/4",
- 230V socket.

Model	Sediment prefilter 5µm/GAC 10"	Ion resin 15l
Basic 15	+	+
Lifetime	6 months*	28 g CaCO ₃ /liter of ion resin
Cat. no.	EOW-011-10	15 x EJ-001-0

* żywotność wkładu może ulegać zmianie w zależności od przepływu, jego charakterystyki oraz poziomu i rodzaju zanieczyszczenia wody wodociągowej.

** objętość wody oczyszczonej zależy od jakości wody zasilającej, maksymalna ilość soli rozpuszczonych w wodzie zasilającej – 1200 mg/l