



recomax

MEMBRANE TECHNOLOGY

Spiral wound membrane made of aromatic polyamide. Due to the optimization of its structure, internal flows are increased, providing the membrane with effective advantages in its performance and maintaining the same rejection flow rates as traditional membranes. This makes it possible to replace the traditional membrane with the new RECOMAX membranes, without changes to the standard flow regulators. The conversion of these membranes is 1: 1, that is, in the same working conditions as traditional membranes (ratios of 3-4: 1), the RECOMAX membrane reduces the volume of reject water, to the same volume of production water.

CODE

292718

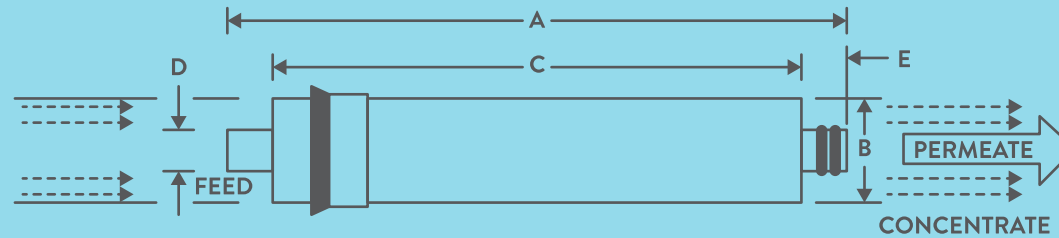
MODEL

RECOMAX

DESCRIPTION

LOW REJECTION MEMBRANE

DIMENSIONS (A x B x C x D): 298 x 46,5 x 256 x 17 mm



RECOMAX SPECIFICATIONS:

ACTIVE AREA (M²): 0,64

PRODUCTION FLOW (GPD): >75

SALTS REJECTIONS (%): 95

MINIMUM SALTS REJECTIONS (%): 93,5

TDS: 250 ppm NaCl

PRESSURE: 4,5 Bar

TEMPERATURE: 25 °C

pH: 7-8 units

* Under determined conditions, free chlorine or another oxidant agents can cause a premature failure of the membrane. Because of this, the warranty coverage of the membrane will be canceled.

** With a pH grade over 10, maximum working temperature is 35 °C.

USING CONDITIONS (MÁX.):

MAXIMUM WORKING PRESSURE: 21 Bar

MAXIMUM CONCENTRATION OF CHLORINE*: < 0,1 ppm

MAXIMUM WORKING TEMPERATURE:** 45 °C

pH RANGE (CONTINUOUS): 3 to 10 units

MAXIMUM INLET TURBIDITY: 1.0 NTU

MAXIMUM INLET SDI: 4

USING:

RECOMAX membranes can be used in traditional 50 y 75 GPD RO systems without modify the rejection restrictors (300, 350, 400, 450 cc/min).