

IMSDesign 2016 - Hydranautics New Projection Program

New Features in IMSDesign-2016

The IMSDesign-2016 RO/NF projection program is the update to the IMSDesign-2015 and includes all fixes. The IMSDesign program was developed in 2015 using Microsoft's .NET Technology which offers enhanced program features and greatly improved graphics to aid the RO/NF designer.

IMSDesign-2012 and earlier versions date back to 1998 and was developed using a VB6 technology. You will be able to use all saved IMSDesign-2012 des files dating back to 2010.

This is a short list of improvements in 2016 you will find:

New Elements Added (all 40" long):

- ESPA-2540: A 2.5" diameter low energy brackish water RO mini-element.
- SWC-2540: A 2.5" diameter sea water RO mini-element.
- CPA-4040E: A 4.0" diameter high rejecting brackish water RO shipped dry and 34 mil feed spacer for reduced fouling rate.
- ESNA1-LF-LD-4040: A 4.0" diameter high flow brackish water NF and 34 mil feed spacer for reduced fouling rate.
- ESNA1-LF2-LD-4040: A 4.0" diameter higher flow brackish water NF and 34 mil feed spacer for reduced fouling rate

Analysis Screen

- **SDSI:** Calculated only for seawater RO or for any feed TDS exceeding 10,000 ppm. To have this displayed, one must go to IMSDesign Options, then Analysis Screen, and then select it. The default is not to display this value as it has limited accuracy.
- **LSI:** Calculated only for brackish water RO and NF when feed TDS is less than or equal to 10,000 ppm

