

Edstrom RO Feature Comparison

Product Feature	RO100	RO250	Indigo RO	RO8600
RECOVERY RATE	38%	33%	50%	50%
REJECTION RATE (Salt Rejection)	94-97%	93-98%	99.5%	95-98%
RANGE OF GALLONS OF WATER PRODUCED PER DAY	42 to 100 gpd (60 Hz & 50 Hz) (2) RO100 units provide 84 to 200 gpd (gallons per day)	320 - 640 gpd 60 Hz; 250 - 520 gpd 50 Hz; 320 gpd is max w/ one membrane	200 - 5,500 gpd 1267 gpd max w/ one membrane	585 - 3,510 gpd CA; 1,242 - 7,452 gpd PA 1,242 gpd is max w/one PA membrane
MEMBRANE DESIGN	Cartridge style TFC Thin Film Composite	TFC Thin Film Composite	TFC Thin Film Composite	TFC Thin Film Composite. All RO8600 sold after May 2011 receive TFC membranes. We supply replacement CA membranes to existing installations.
RECYCLES % OF CONCENTRATE WATER	No	No	Yes	Yes
AUTOMATIC FLUSHING	Yes every 6 hours	No - manual / daily	Yes	Yes
CAN BE USED AS RECIRCULATING DISTRIBUTION SYSTEM	Yes	Yes	Yes	Optional - upon engineer review
MICROPROCESSOR BASED CONTROLLER	Yes	Yes	Yes	Yes
OPTIONAL REMOTE RO VIEWING VIA WEB, PRINTOUT AND SAVING DATA FROM THE RO TO THE NETWORK	No	No	Yes - Facility to provide one TCP/IP connection with (2) static IP addresses	No
MONITORS AND CONTROLS (Optional) ULTRAFILTER FLUSH	No	No	Yes	No
MEMBRANE PRE-FILTER(S) ON RO *Note additional filters can be added based on water quality	1-micron filter and carbon filter	5-micron and carbon	1-micron	5-micron
COMMUNICATION TO WATCHDOG	1 dry alarm contact	1 dry alarm contact	1 dry alarm contact	Yes
U.S. AND METRIC VALUE DISPLAY	Yes	No	Yes	Yes
ALARM MESSAGE DISPLAYED	Yes	No	Yes on touchscreen interface	Yes
ALARMS	Yes, generic RO alarm via dry contact	Yes, generic RO alarm via dry contact	Yes, generic RO alarm via dry contact	Yes, generic RO alarm via dry contact. Watchdog messaging. Limited Pulse messaging
DISPLAYS CURRENT ALARM WITH ALARM LIMITS	No - Displays alarm message only	No	Yes on touchscreen interface	With Watchdog, but alarm limits not displayed with alarms
OFFERS RO EVENT HISTORY	Yes - Displays past readings if unit has not been unplugged (Day-by-day: Run time of motor, average: temp., feed water conductivity, percent rejection, pressure, events)	No	Yes (250 event history buffer; then writes over)	Yes
OFFERS RO ALARM HISTORY	Yes	No	Yes (250 alarm history buffer; then writes over)	With Watchdog
PROVIDES STORAGE TANK STATUS INFORMATION	Yes - Tank pressure sensor	No (Yes with GP Controller and Level Tree)	Yes	Yes
FLOW METER	No	Yes visual indicator only	Yes - Digital flow meter & on screen	Yes - Digital flow meter
pH FEED WATER REQUIREMENT	(4 - 10)	(5.8 - 11)	(2 - 11)	(5.8 - 11)
FREE CL FEED WATER REQUIREMENT	0 ppm	0 ppm	0 ppm	0 ppm
PRE & POST RO SAMPLE WATER TEST PORTS	Yes	Yes	Yes	Yes
ABILITY TO CLEAN THE MEMBRANE	Yes - Offers RO cleaning with Chlorine tablets via a cleaning port (approx every 3 months)	No (Manual backflush of membrane)	No (Automatic daily backflush)	Yes (Clean-In-Place and automatic daily backflush)
UNIT MONITORS CONDUCTIVITY	Yes - Built into unit and calculates actual conductivity	Optional (permeate monitoring)	Yes - Built into unit	Yes - Built into unit
REQUIRES SEPARATE FREE CL TEST KIT	Yes if using Chlorination or to test Activated Carbon Filter	Yes if using Chlorination or to test Activated Carbon Filter	Yes if using Chlorination or to test Activated Carbon Filter	Yes if using Chlorination or to test Activated Carbon Filter
REQUIRES HAND WRITTEN DAILY LOGS	Yes	Yes	No	Yes
DIMENSIONS	10" W x 12.4" D x 18" H (25,5 cm W x 31,5 cm D x 45,7 cm H)	28" W x 23" D x 61" H (71,2 cm W x 58,5 cm D x 155 cm H)	61" W x 33" D x 76" H (155 cm W x 83,8 cm D x 193 cm H)	60" W x 35" D x 78" H (152,5 cm W x 89 cm D x 198 cm H)
REGULATORY APPROVALS	CE, UL, CUL	CE	CE, UL, CAN/CSA Std. C22.2	CE
LANGUAGES	English, French, German, Portuguese, Spanish, Italian, Japanese	English	English, French, German, Mandarin	English, German, Japanese