

HYDRANAUTICS MEMBRANES

HYDRANAUTICS ESPA BW ENERGY SAVING MEMBRANES

DESCRIPTION

ESPA (Energy Saving Polyamide) membranes achieve high flux / lower pressure without compromising standards for high rejection. They gained wide acceptance in the water treatment industry due to the significant operational cost savings associated with their use. ESPA membranes are available in 4" and 8" diameters.

BENEFITS

- Energy Saving RO Elements
- Ultra low pressure (energy saving)

APPLICATIONS

- Municipal drinking water treatment
- Water treatment for irrigation
- Drinking water and beverages bottling operations



REFERENCE	ITEM NAME	PERMEATE FLOW GPD	PERMEATE FLOW (M ³ /D)	SALT REJECTION (NOMINAL)	FEED SPACER MM	MEMBRANE ACTIVE AREA FT ² (M ²)	
1103068374	ESPA1-LD-4040	2,450	9.3	99.4%	34	80 (7.4)	
1103073414	ESPA1-8040	12,000	45.4	99.4%	26-28	400 (37.2)	
1103060011	ESPA2-4040	1,900	7.2	99.6%	26-28	85 (7.9)	
1103062676	ESPA2-LD-4040	2,000	7.6	99.6%	34	80 (7.4)	
1103070006	ESPA2-LD	10,000	37.9	99.6%	34	400 (37.2)	
1103070751	ESPA2 MAX	12,000	45.4	99.6%	26-28	440 (40.9)	
1103070025	ESPA2-LD MAX	12,000	45.4	99.6%	34	440 (40.9)	
1103078690	ESPAB MAX	9,000	34.1	99.3%	26-28	440 (40.9)	
1103060013	ESPA4-LD-4040	2,350	8.9	99.2%	34	80 (7.4)	
1103070015	ESPA4-LD	12,000	45.4	99.2%	34	400 (37.2)	
1103070007	ESPA4 MAX	13,200	50	99.2%	26-28	440 (40.9)	