

## STANDARD EQUIPMENT SPECIFICATIONS

4" or 8" diameter membrane in membrane shells - each with individual product sample valve.

Vertical Centrifugal Pump 316SS with TEFC motor standard.

FRP control panel of essentially NEMA 4X construction with phase protection, alarm silence button, full voltage starter(s), integral disconnect switch, control switches, heavy duty indicating lights, control logic circuits and elapsed time meter.

PVC panel board mounted instruments include rotometers for the 4" diameter membrane units and digital indicators/totalizers on the 8" diameter membrane units.

PVC panel board also includes liquid filled SS pressure gauges for product and concentrate, pressure switches and gauges for membrane inlet and pump suction, conductivity indicator for product quality.

### UNIT SPECIFICATIONS - ENGLISH

MODEL	CAPACITY (USGPD)	SIZE (FEET) (L x W x H)	Hp	ARRAY	MAX. # OF		CONVERSION (%)
					MEMBRANES PER SHELL	# OF ELEMENTS	
MS <sub>2</sub> FS-5	5,000	15.5 x 2 x 5	2	1	4	4 - 4"	35
MS <sub>2</sub> FS-10	10,000	15.5 x 2 x 5	2	1-1	4	8 - 4"	50
MS <sub>2</sub> FS-15	15,000	15.5 x 2 x 5	3	2x1	4	12 - 4"	50-60
MS <sub>2</sub> FS-20	20,000	15.5 x 2 x 5	3	2x1x1	4	16 - 4"	70-75
MS <sub>2</sub> FS-25	25,000	15.5 x 2 x 5	3	3x2x1	4	24 - 4"	70-75
MS <sub>2</sub> FS-35	35,000	18.8 x 2.5 x 6	5	4x2	5	30 - 4"	75
MS <sub>2</sub> FS-55	55,000	18.8 x 3 x 6	5	1-1	5	10 - 8"	70
MS <sub>2</sub> FS-80	80,000	22 x 3 x 6	7.5	2x1	6	18 - 8"	75
MS <sub>2</sub> FS-120	120,000	22 x 3 x 6	15	3x1	6	24 - 8"	75
MS <sub>2</sub> FS-160	160,000	22 x 4.3 x 6	15	4x2	6	36 - 8"	75
MS <sub>2</sub> FS-200	200,000	22 x 4.3 x 6	20	4x3	6	42 - 8"	75
MS <sub>2</sub> FS-240	240,000	22 x 4.3 x 6	20	5x3	6	48 - 8"	75

### UNIT SPECIFICATIONS - METRIC

MODEL	CAPACITY (M <sup>3</sup> /D)	SIZE (METERS) (L x W x H)	Hp	ARRAY	MAX. # OF		CONVERSION (%)
					MEMBRANES PER SHELL	# OF ELEMENTS	
MS <sub>2</sub> FS-5	18.9	4.7 x .61 x 1.5	2	1	4	4 - 4"	35
MS <sub>2</sub> FS-10	37.9	4.7 x .61 x 1.5	2	1-1	4	8 - 4"	50
MS <sub>2</sub> FS-15	56.8	4.7 x .61 x 1.5	3	2-1	4	12 - 4"	50-60
MS <sub>2</sub> FS-20	75.7	4.7 x .61 x 1.5	3	2x1x1	4	16 - 4"	70-75
MS <sub>2</sub> FS-25	94.6	5.7 x .76 x 1.8	3	3x2x1	4	24 - 4"	70-75
MS <sub>2</sub> FS-35	132.5	5.7 x .76 x 1.8	5	4x2	5	30 - 4"	75
MS <sub>2</sub> FS-55	208.2	5.7 x .91 x 1.8	5	1-1	5	10 - 8"	70
MS <sub>2</sub> FS-80	302.8	6.7 x .91 x 1.8	7.5	2x1	6	18 - 8"	75
MS <sub>2</sub> FS-120	454.2	6.7 x .91 x 1.8	15	3x1	6	24 - 8"	75
MS <sub>2</sub> FS-160	605.6	6.7 x 1.31 x 1.8	15	4x2	6	36 - 8"	75
MS <sub>2</sub> FS-200	757.0	6.7 x 1.31 x 1.8	20	4x3	6	42 - 8"	75
MS <sub>2</sub> FS-240	908.4	6.7 x 1.31 x 1.8	20	5x3	6	48 - 8"	75