



**CF042A FLOW DIAGRAM**

ITEM NO.	PART DESCRIPTION
1	CONICAL FEED TANK
2	PRESSURE RELIEF VALVE
3	FEED PUMP
4	DRAIN VALVE
5	FLOW METER
6	SCALE FOR MEASURING PERMEATE FLUX
7	PERMEATE COLLECTOR
8	BY-PASS NEEDLE VALVE WITH 3/8" "T" TUBE FITTING
9	ACRYLIC CF042 CELL ASSEMBLY
10	CONCENTRATE CONTROL VALVE ASSEMBLY (0-400 PSI)
11	FEED PRESSURE GAUGE
A	3/8" HIGH PRESSURE FLEX OR RIGID TUBING, FEED LINE
B	3/8" LOW PRESSURE TUBING, BY-PASS
C	3/8" LOW PRESSURE TUBING, RETURN LINE
D	1/4" LOW PRESSURE TUBING, PERMEATE OUTPUT LINE
E	3/8" LOW PRESSURE TUBING