

COMPONENT LIST			
ITEM	ID	DESCRIPTION	FUNCTION
1	F	SOLENOID (NORMALLY CLOSED)	'FILL' SOLENOID; CONTROLLED BY USER INPUT TO MICROVIEW OPERATOR INTERFACE
2	M	FLOW METER	COUNTS GALLONS BY POSITIVE DISPLACEMENT AND COMMUNICATES WITH MICROPROCESSOR
3	1-7A	SOLENOID (NORMALLY CLOSED)	CONTROLS FLOW DIRECTION; MANUAL SWITCH OPERATED
4	7B	SOLENOID (NORMALLY OPEN)	CONTROLS FLOW DIRECTION; MANUAL SWITCH OPERATED
5	8-9	SOLENOID (NORMALLY CLOSED)	CONTROLS FLOW DIRECTION; MANUAL SWITCH OPERATED
6	10	0.75" CHECK VALVE	PREVENTS FLUID BACK FLOW
7	11	0.5" CHECK VALVE	PREVENTS FLUID BACK FLOW
8	12	PVC TRANSITION UNIONS	ALLOWS EASY ACCESS FOR UNIT REPAIRS
9	13	SHUTTLE-TYPE FLOW SWITCHES	PROTECTS PUMP BY ALERTING THE MICROPROCESSOR THAT THE TANK IS 'LOW'
10	14	484-A INJECTOR	INTRODUCES DISINFECTANT INTO THE SYSTEM BY WAY OF VACUUM; SWITCH ACTIVATED
11	15	0.75" DIFFUSER	TURBULANCE MULTIPLIER; ASSISTS IN RAPID MIXING OF BICARBONATE
12	16	3/4 HP MIXING PUMP	USED IN THE MIXING AND TRANSFER OF BICARBONATE; MICROPROCESSOR CONTROLLED
13	17	1/8 HP DISTRIBUTION PUMP	RECIRCULATES BICARBONATE WITHIN THE DIALYSIS FACILITY; MICROPROCESSOR CONTROLLED
14	18	STAINLESS STEEL SCREEN FILTER	PROTECTION OF SOLENOIDS FROM SMALL PARTICLES OF BICARB CUMULATE
15	19	0.5" SPIRAL SPRAY HEADS	SPRAYS DISINFECTANT AND AAMI APPROVED WATER DURING DISINFECTION AND RINSE PROCEDURES
16	20	0.5" BALL VALVE	CONTROLS FLOW ON DEMAND, MANUALLY OPENED
17	21	1.5" BALL VALVE	CONTROLS FLOW ON DEMAND, MANUALLY OPENED
18	22	1.5" CHECK VALVE	PREVENTS FLUID BACK FLOW
19	23	100 GAL. CONICAL-BOTTOM TANK	CONTAINMENT UNIT FOR THE FLUID
20	24	DYNAMIC PRESSURE GAGE	DISPLAYS DYNAMIC PRESSURE IN LOOP
21	25	GATE VALVE	ADJUSTS DYNAMIC PRESSURE TO LOOP; MANUALLY ADJUSTED
22	27	.2 MICRON AIR FILTER	VENTS AIR IN AND OUT OF THE SYSTEM TO PREVENT VACUUM
23	28	HORIZONTAL FLOAT SWITCH	PROTECTS PATIENT; COMMUNICATES WITH MICROPROCESSOR TO SHUT OFF PUMP WHEN TANK IS LOW
24	N/A	PVC PIPE FITTINGS	DIRECTS FLUID FLOW THROUGHOUT SYSTEM

MEDICAL SOLUTIONS INTERNATIONAL, INC.

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UNIT: SDS-CB200	TITLE: COMPONENT LIST		
MATERIAL: N/A	SCALE: NONE	APPROVED BY: JACK R. DILLON	DRN: JLS
FINISH: N/A	DATE: 03/16/04	NEXT ASSEMBLY	REV: 1
		DOCUMENT #	SHT 3
		N/A	OF 3

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