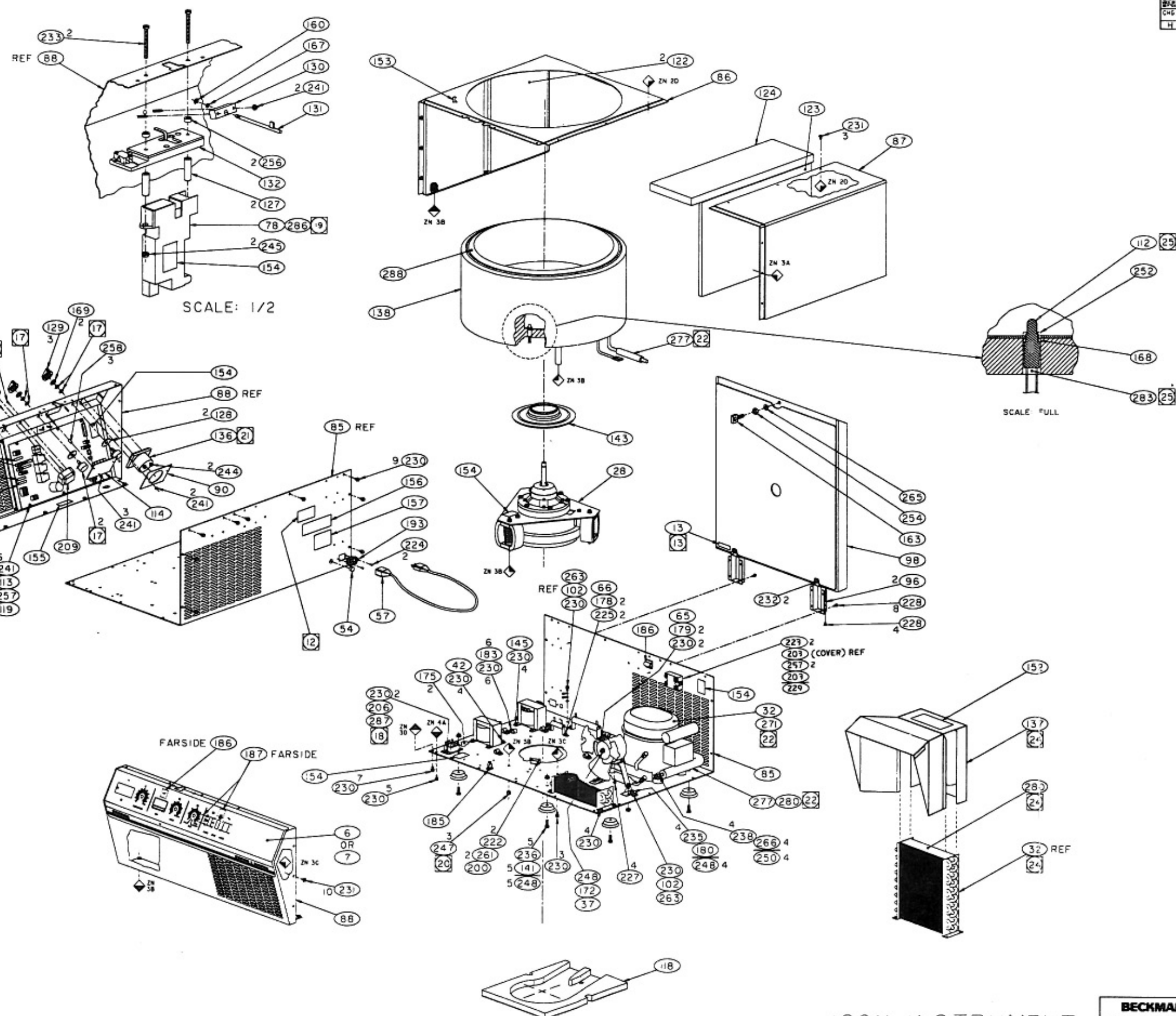




NOTES: (SEE SHEET 11)

120V INSTRUMENT

BECKMAN		BECKMAN INSTRUMENTS, INC. 12000 WEST 16TH AVENUE BOSTON, MASS. 02130	
E	DOX MEYER	CWG VO	
SIZE	07978	035-358721	
SCALE 14	1st SE	—	SHEET 708

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS LOANED SUBJECT TO THE CONDITIONS THAT THE INFORMATION BE KEPT IN CONFIDENCE, BE NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AND BE USED OR INCORPORATED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.

CHG.	E.O.NO.	DATE	BY	CHK
H		SEE SHEET 1		

(F)							3B	40	270-456076	LABEL, NOTICE - REFRIG GS-6R/KR
(F)							3B	39	270-456077	LABEL, NOTICE - REFRIG SPINCHRON R/KR
								38		
							2A	37	842-359294	MOTOR ASSY, CONDENSER 120V
(F)							2A	36	842-359295	MOTOR ASSY, CONDENSER 220V
								35		
							2B	34	449-359306	WELDING ASSY, REFRIG SYSTEM, 200/220V JAPAN
							2B	33	449-349753	WELDING ASSY, REFRIG SYSTEM, 220V
							2B	32	449-349752	WELDING ASSY, REFRIG SYSTEM, 120V
								31		
								30		
								29		
							2C	28	449-362336	DRIVE AND MOTOR MOUNT ASSY, 120V
								27		
							(I)	26	672-878340	HOUSING, CAP - 3 CONTACT
							3B	25	662-362266	CABLE, SWITCH - JAPAN
								24		
							3C	23	121-823254	RIVET, BLIND - .094 DIA X .222 LG
								22		
							3C	21	261-234832	PLATE, FRENCH COMPLIANCE
(2)							3B	20	261-362119	PLATE, NAME RATING - GS-6R 200V, 50/60HZ
							3B	19	261-362118	PLATE, NAME RATING - GS-6R 220V, 50HZ
							3B	18	261-362117	PLATE, NAME RATING - GS-6R 120V, 60HZ
							3B	17	261-358729	PLATE, NAME RATING - SPINCHRON R 200V, 50/60HZ
(2)							3B	16	261-358728	PLATE, NAME RATING - SPINCHRON R 220V, 50HZ
							3B	15	261-358727	PLATE, NAME RATING - SPINCHRON R 120V, 60HZ
								14		
								13	270-233469	LABEL, SERIAL NO
								12	060-927459	LABEL, VWR
(F)								11	035-360517	SHIPPING LIST, GS-6R 220V
(F)								10	035-360516	SHIPPING LIST, GS-6R 120/200V
(F)								9	035-360508	SHIPPING LIST, SPINCHRON R 220V
(F)								8	035-360507	SHIPPING LIST, SPINCHRON R 120/200V
							3A	7	270-361979	OVERLAY, GS-6R USA
							3A	6	270-362252	OVERLAY, SPINCHRON R USA
								5		
(F)								4	060-360551	JITKIT ELEC-JAPAN
(F)								3	060-356740	JITKIT ELEC.
								2		
								1	449-358722	CENTRIFUGE ASSY, COMMON

QTY		ZONE	ITEM	PART NO.	DESCRIPTION
GS-6R CENTRIFUGE 200V, 50/60 HZ 050-362116	(26)		DR C. STEWART	4-5-89	BECKMAN BECKMAN INSTRUMENTS, INC. SPACE DIVISION 5000 RIVE RD P.O. BOX 1000 P.O. BOX 1000 P.O. BOX 1000
GS-6R CENTRIFUGE 220V, 50 HZ 050-362115	(26)		CHK		
GS-6R CENTRIFUGE 120V, 60 HZ 050-362114	(26)		DSGN		
SPINCHRON R CENTRIFUGE 200V, 50/60 HZ 050-358725	(26)		ENGR		
SPINCHRON R CENTRIFUGE 200V, 50 HZ 050-358724	(26)				TITLE
SPINCHRON R CENTRIFUGE 120V, 60 HZ 050-358723	(26)				TABULATION, CENTRIFUGE ASSY
			C	CODE IDENT NO.	DWG NO.
			SIZE	07978	035-358721
			MOD SPINCHRON R/GS-6R	SCALE	1st USE
			SHEET 2 OF 8		

61-19

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS HEREBY SUBJECT TO THE CONDITIONS THAT THE INFORMATION IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART AND IS NOT TO BE USED OR INCORPORATED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.

CHG.	E.O.NO.	DATE	BY	CHK
H		SEE SHEET I		

									80		
									79		
									78	449-360549	LATCH ASSY
									77		
									76		
									75		
									74		
									73		
									72		
									71		
									70		
									69		
									68		
									67		
									66	604-927839	RESISTOR, W.W. .5, 25W, 5%
									65	604-927526	RESISTOR, W.W. 13, 100W, 5%
									64		
									63		
									62	701-927905	SWITCH, ROCKER - DPST 220V (POWER)
									61	701-927904	SWITCH, ROCKER - DPST 120V (POWER)
									60		
									59		
									58	664-355810	CORD, POWER-EUROPEAN-STR, PLUG
									57	664-889097	CORD, POWER-60HZ
									56		
									55		
									54	321-883871	HOLE PLUG, PLASTIC 500 DIA
									53	165-802205	WASHER, LKG
									52		
									51	662-358950	HARNESS, POWER-REFRIG.
									50	662-358308	HARNESS, REFRIG - JAPAN
									49	662-358307	HARNESS, AUTO TRANSFORMER 220V/JAPAN
									48	662-358947	HARNESS, POWER NON-REFRIG.
									47		
									46	792-358022	AUTO TRANSFORMER 200V TO 220V
									45	792-362338	AUTO TRANSFORMER 220V TO 120V
									44		
									43		
									42	795-355823	CHOKE, 10 MH
									41		
QTY									ZONE	ITEM	DESCRIPTION
										BY	DATE
										DR C. STEWART	5-1-89
										CHK	
										DSGN	
										ENGR	
										TITLE	
										BECKMAN	
										TABULATION, CENTRIFUGE ASSY	
										CODE IDENT NO.	DWG NO.
										07978	035-358721
										MOD SPINCHRON R/GS-6R	SHEET 3 OF 8

GS-6 R CENTRIFUGE
200V, 50/60 HZ
050-362116

GS-6 R CENTRIFUGE
220V, 50 HZ
050-362115

GS-6 R CENTRIFUGE
120V, 60 HZ
050-362114

SPINCHRON R CENTRIFUGE
200V, 50/60 HZ
050-358725

SPINCHRON R CENTRIFUGE
220V, 50 HZ
050-358724

SPINCHRON R CENTRIFUGE
120V, 60 HZ
050-358723

			150			
			149			
			148			
			147			
			146			
	3B		145	1	792-358941	TRANSFORMER, POWER S.C.D.
			144			
	2C		143	1	337-358009	BELLOWS, MOTOR
			142			
	3A		141	5	313-358798	FOOT, GPII S.C.D.
			140			
			139			
	3C		138	1	449-349766	BOWL, FOAMED
	1B		137	1	337-359291	SHROUD, FAN GPR/GPRII
	4C		136	1	196-349760	TEMP. METER - S.C.D.
	4B		135	1	348-362148	FRAME, FILTER
	4B		134	1	173-362261	FILTER, CONDENSER
			133			
	3D		132	1	449-360246	SAFETY LOCK ASSEMBLY
	3D		131	1	729-362262	ACTUATOR, WELDMENT ASSY
	3D		130	1	405-362264	GUIDING, BLOCK
	4C		129	3	325-362050	KNOB, MOLDED
	4C		128	2	161-355103	SPACER, POTENTIOMETER
	3D		127	2	161-361939	SPACER, LATCH
			126			
			125			
5	2D		124	(1)	254-355836	FOAM, R.H. TOP
	2D		123	(1)	254-355835	FOAM, R. SIDE
	2D		122	(2)	254-355834	FOAM, L. SIDE
			121			
			120			
	4B		119	(1)	254-355997	PANEL, DAMPING - FRONT
	2A		118	(1)	449-361907	FOAM DUCT ASSY W/FAN
5			117	1	060-358769	JIT KIT, FOAM
			116			
			115			
5	4C		114	(1)	855-357190	BOARD ASSY, DISPLAY
	4B		113	(1)	855-358946	BOARD ASSY, CONTROL BOARD
	1C		112	(1)	662-349787	THERMISTOR ASSY
			111			
			110			
	I		109	(1)	662-359331	HARNESS, TEMP. CONTROL
	I		108	(1)	662-359332	HARNESS, LOW VOLTAGE - REFRIGERATION
			107			
	I		106	(1)	662-359329	HARNESS, SWITCH, POWER/DOOR
	I		105	(1)	662-359328	HARNESS, DOOR LOCK GPII'S
			104			
F	I		103	(1)	662-358948	HARNESS, CONTROL PANEL
G			102			
S			101			
			100			
			99			
	2B		98	1	349-362146	DOOR ASSY - REFER
			97			
	2B		96	2	317-361945	HINGE ASSY
			95			
			94			
			93			
			92			
			91			
F	4C		90	(1)	327-349731	MTG PLATE, TEMP METER
F			89			
	3A		88	(1)	445-358732	CONTROL PANEL
	2D		87	(1)	299-361941	HOUSING, RIGHT SIDE
	2D		86	(1)	299-361940	HOUSING, LEFT SIDE
	2B		85	(1)	430-359400	CHASSIS
5			84	1	060-358742	JIT KIT, MECHANICAL
			83			
10			82	1	284-359632	PACKAGING
			81			
ZONE			ITEM	QTY	PART NO.	

CENTRIFUGE ASSY, COMMON
449-358722

5-20

DRAWING NO.
035-358721
4 OF 8

REV. H SEE SHI 1
BECKMAN INSTR. INC.
DRAWING NUMBER
035-358721

SHEET 4 OF 8

		290			
		289			
	3C	288	A/R	65-040-04	RELEASE AGENT, EPOXY PARFILM
	3B	287	A/R	65-033-03	COMPOUND, HEATSINK
	3D	286	A/R	65-013-01	GREASE, MOLYBDENUM DISULFIDE
		285			
		284			
	1C	283	A/R	60-025-01	SEALANT, DUCT
		282			
		281			
	1B,2B	280	A/R	55-043-01	TAPE, PRESSURE SENSITIVE
		279			
		278			
	2B,2C	277	A/R	53-020-04	TUBE, RUBBER - .625 ID
		276			
		275			
		274			
		273			
		272			
	2B	271	A/R	40-071-06	SOLDER, SIL-FOS-5
		270			
		269			
		268			
		267			
	2A	266	4	165-827385	WASHER, FLT .750 O.D. .343 I.D. X .062 THK CRES
	2C	265	1	165-961099	WASHER, FLT .75 O.D. X .401 I.D. X .03 THK CRES
		264			
	3B,2A	263	2	165-808255	WASHER, LKG, EXT #10 S-C
		262			
	3A	261	2	165-802163	WASHER, LKG, INTL. #4 S-C
		260			
		259			
	4B,4C	258	9	161-897483	SPACER, CYL, NON-THD, .530 LG 25 O.D. .148 I.D.
	2B	257	2	160-841914	SPACER, HEX, THD 8-32X1.00 LG .25 O.D.
	3D	256	2	161-818024	SPACER, CYL, NON-THD, .125 LG .375 O.D. .25 I.D.
		255			
	2B	254	1	105-927746	NUT, M10 X 1.25 S-ZI
		253			
	1C	252	1	105-885317	NUT, 3/8-32 NYLON
		251			
	2A	250	4	105-885321	NUT, 5/16-18 HXFLG-S-ZI
		249			
	3A,2A	248	10	105-878544	NUT, 1/4-20 HXFLG-S-ZI
	3A	247	3	105-848760	NUT, 1/4-20 SLFLKG-S-C
		246			
	3C	245	2	105-878636	NUT, 10-32 HXFLG-S-C
	3C	244	2	105-848748	NUT, 10-32 KEP, EXT, S-ZI
		243			
		242			
	3D,4B,4C	241	19	105-853432	NUT, 6-32 KEP, EXT S-ZI
		240			
		239			
	2A	238	4	101-841922	SCREW, CAP 5/16-18 X 1.5 HX-S-ZI
		237			
	3A	236	5	101-804522	SCREW, .250-20 X .75 P-S-C-PHIL
	2A	235	4	101-878543	SCREW, .250-20 X .375 HXFLG-S-C
		234			
	4D	233	2	101-961517	SCREW, DECOR - 10-32 X 2.5 BU-S-ZI-HXSO
	2B	232	2	101-803257	SCREW, 10-32 X .50 FL-S-ZI-PHIL
	3A,2D	231	13	101-927750	SCREW, DECOR - 10-32 X .375 BU-S-ZI-HXSO
	2A,2B,3A,3B,3C	230	60	101-878542	SCREW, 10-32 X .375 HXFLG-S-ZI
	2B	229	2	101-834576	SCREW, 8-32 X .50 P-S-C-SLTD
	2B	228	12	101-878635	SCREW, 8-32 X .50 HXFLG-S-C
	2A	227	4	101-804435	SCREW, 8-32 X .25 P-S-ZI-PHIL
		226			
	2B	225	2	101-889105	SCREW, 6-32 X .25 HXFLG-S-C
	3B	224	2	101-803124	SCREW, 6-32 X .25 FH-S-ZI-PHIL
	2B	223	2	101-858898	SCREW, 8-32X .375 P-S-NYL
	3A	222	2	101-823155	SCREW, 4-40 X .562 P-S-C-SLTD
		221			
	ZONE	ITEM	QTY	PART NO.	

CENTRIFUGE ASSY, COMMON
449-358722

5-22

DRAWING NO.
035-358721
6 OF 8

REV. H SEE SHT 1
BECKMAN INSTR. INC.
DRAWING NUMBER
035-358721
SHEET 6 OF 8