

NOTES: (UNLESS OTHERWISE NOTED)

1. FOR WIRING DIAGRAM SEE DRAWING NUMBER 358738.
2. FOR SCHEMATIC DIAGRAM SEE DRAWING NUMBER 358737-00.
3. FOR TEST SPECIFICATIONS SEE DRAWING NUMBER 355832.
4. FOR U/L TEST SPECIFICATIONS SEE DRAWING NUMBER 360854.
5. PACKAGING MATERIAL SPECIFICATIONS CONTROLLED BY SPINCO MANUFACTURING PACKAGING ENGINEERING DEPARTMENT.
6. QUANTITIES IN PARENTHESIS *() * ARE FOR REFERENCE ONLY. PARTS COME FROM JIT KITS 366864, 358739, 366866.
7. ALL LABELS TO BE POSITIONED AS SHOWN.
8. SEE TABULATION, ITEMS 10-12 FOR CORRECT NAME RATING PLATE.
9. LABEL (PART OF ITEM 10-12) TO HAVE SAME SERIAL NUMBER AS ON PLATE (ITEM 10-12).
10. MOUNTING SCREWS SUPPLIED WITH TIMER (ITEM 134).
11. NUT AND INTERNAL TOOTH LOCK WASHER COME WITH VARIABLE RESISTOR (PART OF HARNESS, ITEM 101).
12. WITH LEVER (ITEM 85) IN VERTICAL POSITION, REMOVE SLACK FROM STRING ON LATCH ASSEMBLY (ITEM 119). TIE STRING IN A KNOT AND COAT WITH LOCTITE (ITEM 228).
13. APPLY HEATSINK COMPOUND (ITEM 233) TO CHASSIS (ITEM B2) PRIOR TO MOUNTING RECTIFIER (ITEM 163).
14. APPLY GREASE (ITEM 232) TO FACE OF JAWS ON LATCH (ITEM 119) WHERE THEY COME ON CONTACT WITH STRIKER (ITEM 118).
15. INSTALL BOWL WITH SCREW (ITEM 192) POINTING TOWARDS CENTER OF ROTATION ARROW LABEL (ITEM 172).
16. REMOVE PAPER BACKING FROM BOWL FOAM (ITEM 94) AND INSTALL ON BOWL (ITEM 139) WITH CUTOUT IN FOAM COMPOSITE CENTERED OVER SCREW (ITEM 192) INSTALLATION LOCATION. MAINTAIN A 1.2 INCH GAP (2 INCHES FROM BASE AND CENTERED AT MIDDLE VENTILATION HOLE OF BOWL) BETWEEN VINYL ON FOAM COMPOSITE AND OUTSIDE OF BOWL DURING FOAM COMPOSITE INSTALLATION. FOAM SHALL NOT COVER HOLES ON BOWL (ITEM 139).
17. TORQUE SCREWS (ITEMS 189 & 193) TO 30 FT/LBS.

CHG.	E.O. NO.	DATE	BY	CHK
A	-----	-----	-----	-----

PILOT RUN ONLY

BY		DATE		BECKMAN		BECKMAN INSTRUMENTS, INC. 4000 WILSON BLVD. FARMERSVILLE, TEXAS 77834	
DR K. ITEM		2-5-98					
CHK <i>Z. P. Dutton</i>		2-11-98					
DSGN <i>High, Hm</i>		2/11/98					
ENGR <i>K. K. K.</i>		2-11-98					
				TITLE			
				TABULATION, CENTRIFUGE ASSEMBLY			
				CODE IDENT NO.		DWG NO.	
				C SIZE 07978		366800	
MOD ALLEGRA 6				SCALE 1/2 IN. = 1 IN. SHEET 1 OF 6			

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS LOANED SUBJECT TO THE CONDITIONS THAT THE INFORMATION (1) IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART AND (2) NOT BE USED OR INCORPORATED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.

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

				40		
				39		
				38		
				37		
				36		
				35		
				34		
				33		
				32		
				31		
				30		
				29		
				28		
				27		
				26		
1	1	1	2B	25	728845	LABEL, FCC
	1		1B	24	538814	LABEL, CE
1	1	1	2B	23	456835	LABEL, UL
		1	1B	22	455865	LABEL, CSA
				21		
				20		
	1		1A	19	336067	LABEL, 50HZ ONLY
				18		
1	1	1	7B	17	366842	OVERLAY, ALLEGRA 6
				16		
				15		
				14		
				13		
8	1		2B	12	366810	PLATE, NAME RATING - ALLEGRA 6 100V, 50/60HZ
	1		2B	11	366809	PLATE, NAME RATING - ALLEGRA 6 230V, 50HZ
8		1	2B	10	366808	PLATE, NAME RATING - ALLEGRA 6 120V, 60HZ
				9		
				8		
1			(NOT SHOWN)	7	366850	SHIPPING LIST, ALLEGRA 6 100V
	1		(NOT SHOWN)	6	366849	SHIPPING LIST, ALLEGRA 6/6R 230V
		1	(NOT SHOWN)	5	366848	SHIPPING LIST, ALLEGRA 6/6R 120V
				4		
1	1	1	(NOT SHOWN)	3	359631	PACKAGING
				2		
1	1	1	(NOT SHOWN)	1	366801	CENTRIFUGE ASSY, COMMON
QTY			ZONE	ITEM	PART NO.	DESCRIPTION
ALLEGRA 6 CENTRIFUGE 100V, 50/60HZ 704 ALLEGRA 6 CENTRIFUGE 230V, 50HZ 366803 ALLEGRA 6 CENTRIFUGE 120V, 60HZ 366802			BECKMAN			
			TITLE			
			TABULATION, CENTRIFUGE ASSY			
			C SIZE		CODE IDENT NO. 07978	DWG NO. 366802
			MOD ALLEGRA 6			

C 366800
SIZE

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS TO BE KEPT UNDER LOCK AND KEY. IT IS TO BE RETURNED TO BECKMAN INSTRUMENTS, INC. UPON REQUEST. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER AND NOT BE USED OR INCORPORATED IN A PRODUCT WITHOUT A WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.

CHG.	E.O.NO.	DATE	BY	CHK
A				

SEE SHEET 1

				80		
				79		
				78		
				77		
				76		
				75		
				74		
				73		
	2		11C	72	885026	SCREW, MACH, LKG 8-32 X 3/8 STL
	2		11C	71	885842	NUT, SFLKG 8-32 THD STL
	1		11C	70	863201	CLAMP, BLK PVC
	1		11C	69	927928	FILTER, EMI
				68		
				67		
	1		12A	66	878741	TERM COUPLER, .25 X .032 TAB
				65		
	1		6B	64	927905	SWITCH, ROCKER - DPST 220V (POWER)
1		1	6B	63	927904	SWITCH, ROCKER - DPST 120V (POWER)
				62		
1			12A	61	356029	AUTO TRANSFORMER 100V TO 120V
	1		12A	60	366877	AUTO TRANSFORMER 230V TO 120V
				59		
	1	1	11D	58	366777	DRIVE AND MOTOR MOUNT ASSY, CE
1			11D	57	366776	DRIVE AND MOTOR MOUNT ASSY
				56		
				55		
				54		
				53		
				52		
				51		
				50		
				49		
				48		
				47		
				46		
				45		
1	1		(1) (NOT SHOWN)	44	358307	HARNESS, AUTO TRANSFORMER 220V/JAPAN
				43		
				42		
				41		
QTY			ZONE	ITEM	PART NO.	DESCRIPTION
ALLEGRA 6 CENTRIFUGE 100V, 50/60HZ 366804						BECKMAN BECKMAN INSTRUMENTS, INC. 1000 ALLEGRA DRIVE FORT WORTH, TEXAS 76104 TITLE TABULATION, CENTRIFUGE ASSY
ALLEGRA 6 CENTRIFUGE 230V, 50HZ 366803						
ALLEGRA 6 CENTRIFUGE 120V, 60HZ 366802						
			MOD	ALLEGRA 6	SCALE	CODE IDENT NO. 07978 DWG NO. 366800

 C 366800
 SIZE

Beckman Instruments, Inc. and its subsidiaries warrant that the information (1) is believed to be correct, (2) for use in the manufacture of Beckman Instruments, Inc. products, and (3) for use in the repair of Beckman Instruments, Inc. products. Beckman Instruments, Inc. does not warrant the information for any other purpose.

CHK.	E.O. NO.	DATE	BY	CHK
A		SEE SHEET 1		

1B, 2B	175	2	478301	LABEL, READ MANUAL
6A	174	1	455771	LABEL, CAUTION - FUSE REPLACEMENT
5A, 7C, 11C, 12B	173	4	456025	LABEL, WARNING - HIGH VOLTAGE
15B	172	1	340574	LABEL, ROTATION ARROW
	171			
1C	170	1	347998	LABEL, ARROW
	169			
11A	168	1	927901	SWITCH, SENSITIVE, SPDT (1MB)
12D	167	1	927867	RECEPTACLE, POWER
10D	166	1	974540	RESISTOR, W.W. 5, 100W, 5%
11C	165	1	927839	RESISTOR, W.W. .5, 25W, 5%
11C	164	1	927526	RESISTOR, W.W. 13, 100W, 5%
12B	163	1	927473	RECTIFIER, BRIDGE
	162			
10B	161	1	961187	FAN, ENCLOSED, 115V
11C	160	1	358941	TRANSFORMER, POWER S.C.D.
12C	159	1	355823	CHOKE, 10MH
	158			
	157			
12A	156	14	928450	CLAMP, CABLE .75
12B	155	3	928449	CLAMP, CABLE .50
	154			
7D, 8D	153	2	863201	CLAMP, CABLE, .25, BLACK PVC
	152			
(NOT SHOWN)	151	A/R	857249	CABLE TIE, 3.62 LG .094 WIDE
	150			
	149			
12C	148	2	360885	COVER, TIE-DOWN SLOT
10B	147	1	876667	GUARD, FINGER
	146			
10B, 11C	145	4	885964	BRACKET, RESISTOR MOUNTING
11C	144	2	805967	BRACKET, RESISTOR MOUNTING
10B	143	4	358798	FOOT
11C	142	3	358774	SUPPORT CAPS, BOWL
11C	141	3	349799	SUPPORT, BOWL
14D	140	1	358009	BELLOWS, MOTOR
14D	139	1	366886	BOWL, PAINTED
14D	138	1	366889	GASKET, BOWL
	137			
6B	136	1	927462	SWITCH, ROCKER - SPDT (BRAKE)
6B	135	1	927461	SWITCH, ROCKER - SPST (DOOR)
5A	134	1	927457	TIMER, 30 MIN W/HOLD DPST
	133			
	132			
	131			
	130			
	129			
8D	128	1	360851	GUARD, SWITCH
6C	127	2	974672	KNOB
5C	126	1	355103	SPACER, POTENTIOMETER
ZONE	ITEM	QTY	PART NO.	DESCRIPTION

CENTRIFUGE ASSY, COMMON
366801

6C	125	1	974671	O-RING, NITRILE, .537 I.D., .957 O.D.
	124			
	123			
4C	122	2	961651	HINGE, COUNTER BALANCE
7D	121	1	363414	SAFETY LOCK ASSEMBLY
7C	120	2	361939	SPACER, LATCH
7C	119	1	360548	LATCH
4D	118	1	358020	STRIKER
	117			
4D	116	1	366867	DOOR ASSY, NON-R
	115			
	114			
(1) (NOT SHOWN)	113	(1)	366874	CABLE, BRAKE
12C (1)	112	(1)	366072	JUMPER, GRN / Y
(1) (NOT SHOWN)	111	(1)	366071	JUMPER, BROWN
(1) (NOT SHOWN)	110	(1)	366070	JUMPER, BLUE
	109			
6A	108	(1)	358946	BOARD ASSY, CONTROL BOARD
5A	107	(1)	357190	BOARD ASSY, DISPLAY
	106			
(1) (NOT SHOWN)	105	(1)	359330	HARNESS, LOW VOLTAGE
12C (1)	104	(1)	358947	HARNESS, POWER
(1) (NOT SHOWN)	103	(1)	359329	HARNESS, SWITCH, POWER/DOOR
(1) (NOT SHOWN)	102	(1)	359328	HARNESS, DOOR LOCK
(1) (NOT SHOWN)	101	(1)	358948	HARNESS, CONTROL PANEL
(1) (NOT SHOWN)	100	1	358739	JIT KIT, ELECTRICAL
	99			
	98			
11C	97	(1)	366884	FOAM, REAR
6A	96	(1)	361938	PANEL, DAMPING - FRONT
11A	95	(1)	366892	FOAM DUCT ASSY
14C	94	(1)	366888	FOAM, BOWL
15A	93	(1)	355827	FOAM, CONTROL HEAD
16B	92	(2)	366883	FOAM, SIDE
(1) (NOT SHOWN)	91	1	366866	JIT KIT, FOAM
	90			
	89			
	88			
	87			
2B	86	3	366882	ANGLE, BACK
6C	85	(1)	365420	LEVER, MANUAL RELEASE
6B	84	(1)	366881	PANEL, FRONT
14A	83	(1)	366865	HOUSING
10D	82	(1)	366880	CHASSIS
(1) (NOT SHOWN)	81	1	366864	JIT KIT, MECHANICAL
ZONE	ITEM	QTY	PART NO.	DESCRIPTION

CENTRIFUGE ASSY, COMMON
366801

BECKMAN

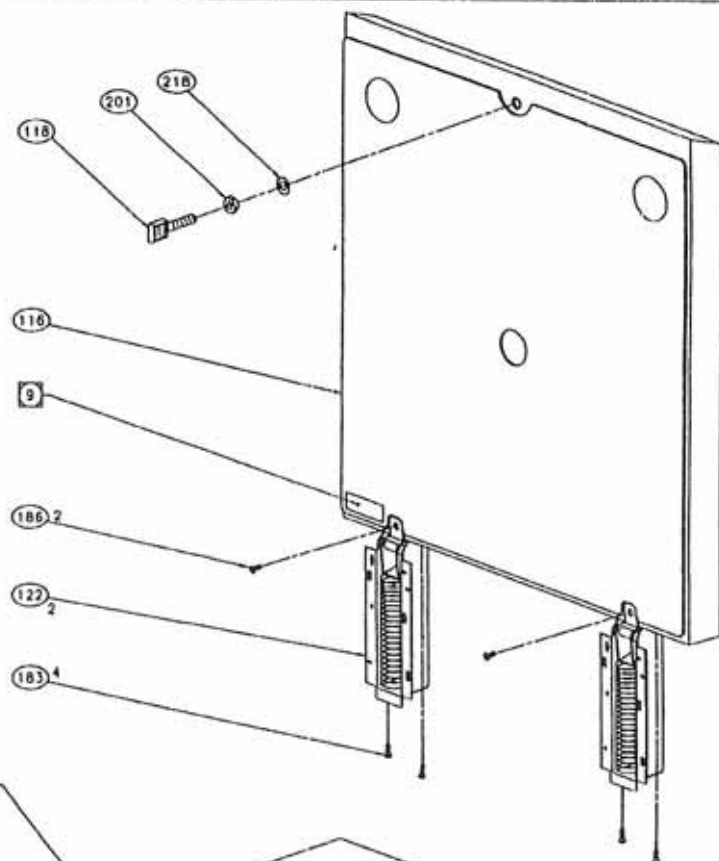
BECKMAN INSTRUMENTS, INC.
101 4TH ST., EL PASO, TEXAS 79901

C	CODE IDENT NO.	DWG NO.
SIZE	07978	366800
SCALE	1:1	USE

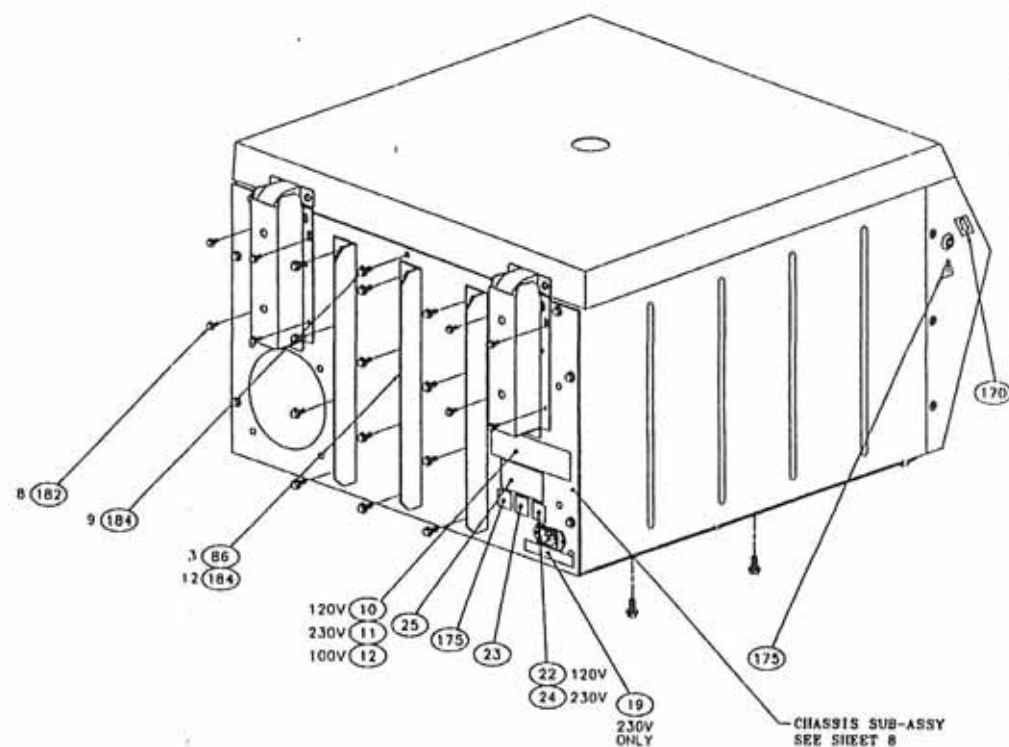
THIS DOCUMENT IS FORWARDED SUBJECT TO THE CONDITIONS THAT THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED, (U) NOT BE REPRODUCED OR USED OR INCORPORATED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.				
CHG.	E.O. NO.	DATE	BY	CHK
A		SEE SHEET 1		

	270			
	269			
	268			
	267			
	266			
	265			
	264			
	263			
	262			
	261			
	260			
	259			
	258			
	257			
	256			
	255			
	254			
	253			
	252			
	251			
	250			
	249			
	248			
	247			
	246			
	245			
	244			
	243			
	242			
	241			
	240			
	239			
	238			
	237			
	236			
	235			
140	234	A/R	65-040-04	RELEASE AGENT, EPOXY PARFILM
12B	233	A/R	65-033-03	COMPOUND, HEATSINK
7C	232	A/R	65-013-01	GREASE, MOLYBDENUM DISULFIDE
	231			
	230			
	229			
60	228	A/R	60-008-07	ADHESIVE, (LOCTITE #414)
	227			
	226			
80	225	A/R	45-355-02	TAPE, FOAM - WHT .045 THK X .50 WD
	224			
	223			
	222			
	221			
ZONE	ITEM	QTY	PART NO.	DESCRIPTION
				CENTRIFUGE ASSY, COMMON
				366801

	220			
60	219	2	964920	WASHER, LKG-EXT, W6 SS
40	218	1	961099	WASHER, FLT .75 O.D. X .401 I.D. X .03 THK SS
11B, 11D	217	6	808275	WASHER, SPL LKG, .375 SCR
50	216	1	970359	WASHER, CUP, 1/4 SCR
12C	215	2	808255	WASHER, LKG EXT, 10 SCR S-C
10B	214	4	810690	WASHER, FLT, 6 SCR S-ZI
	213			
50	212	1	885896	SPRING, COMP - .36 O.D., .118 LG
	211			
	210			
11A	209	3	974662	STANDOFF, HEX, .375-16 X 2.135 LG INTL THD
50	208	1	970920	SPACER, .25 LG NYL
5C, 6A	207	9	897483	SPACER, CYL, NON-THD, .530 LG .25 O.D., .148 I.D.
	206			
70	205	2	818024	SPACER, CYL, NON-THD, .125 LG .375 O.D., .25 I.D.
	204			
	203			
	202			
40	201	1	927746	NUT, M10 X 1.25 S-ZI
	200			
60	199	2	808589	NUT, 1/4-20 HEX-S-ZI
10B	198	4	878544	NUT, 1/4-20 HXFLG-S-ZI
8C	197	2	878636	NUT, 10-32 HXFLG-S-C
	196			
5A, 6A	195	9	853432	NUT, 6-32 KEP, EXT S-ZI
10B	194	4	024687	NUT, 6-32 SLFLKG-S-ZI
11D	193	3	974670	SCREW, .375-16 X 1.75 HEX-S
15C	192	1	961965	SCREW, 10-32 X 1.5 HX-SOC-S-ALY
5C	191	1	970358	BOLT, EYE 6-32 X 1.25 S-ZI
10B	190	4	804522	SCREW, 1/4-20 X 1.5 P-S-C-PHIL
11A	189	3	974669	SCREW, .375-16 X .75 HEX-S
50	188	1	864201	SCREW, FLT HD .25-20 X 1.5 HXSO-S-ZI
70	187	2	961751	SCREW, BTN CAP 10-32 X 2.5 SS-BLK-ZI
4C	186	2	803257	SCREW, 10-32 X .50 FL-S-ZI-PHIL
3A	185	11	961700	SCREW, BTN CAP 10-32 X .375 SS-BLK-ZI
2B, 3A, 120, 12B, 12C, 11C, 12A, 11A, 10B	184	79	878542	SCREW, 10-32 X .375 HXFLG-S-ZI
4C	183	4	834576	SCREW, 8-32 X .50 P-S-C-SLTD
3B	182	8	885833	SCREW, 8-32 X .25 HXFLG-S-C
	181			
	180			
10B	179	4	804428	SCREW, 6-32 X 2.0 P-S-ZI-PHIL
11C	178	2	889105	SCREW, 6-32 X .25 HXFLG-S-C
12D	177	2	803124	SCREW, 6-32 X .25 FH-S-ZI-PHIL
11A	176	2	809895	SCREW, 4-40 X .625 STL. SEMS PHIL, PHIL
ZONE	ITEM	QTY	PART NO.	DESCRIPTION
CENTRIFUGE ASSY, COMMON				
366801				
				BECKMAN
				BECKMAN INSTRUMENTS, INC. P.O. BOX 5181 BIRMGHAM, AL 35202
				CODE IDENT NO. DWG NO.
				C 07978 366800
				SIZE



HOUSING SUB-ASSY
SEE SHEET 9

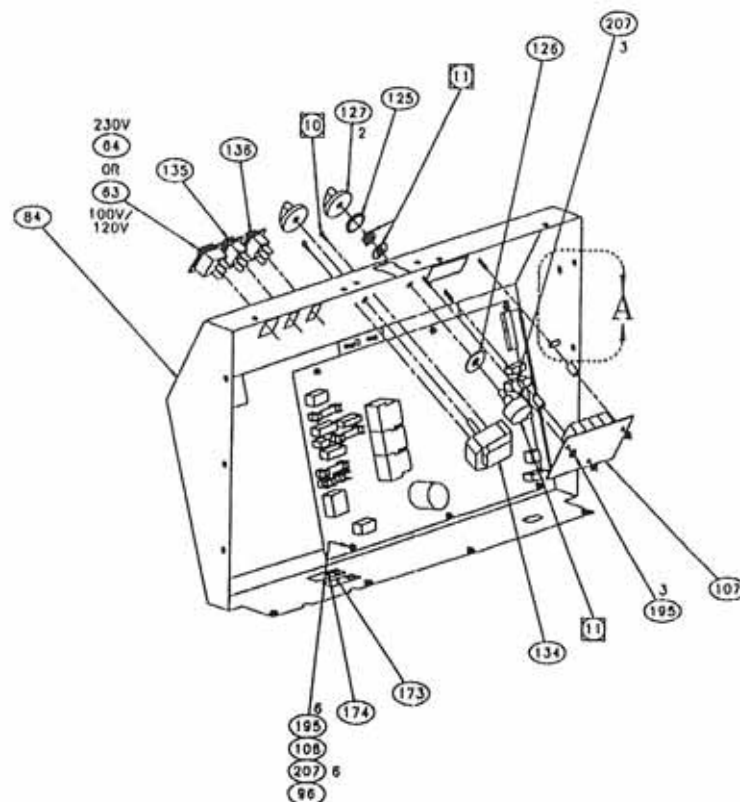
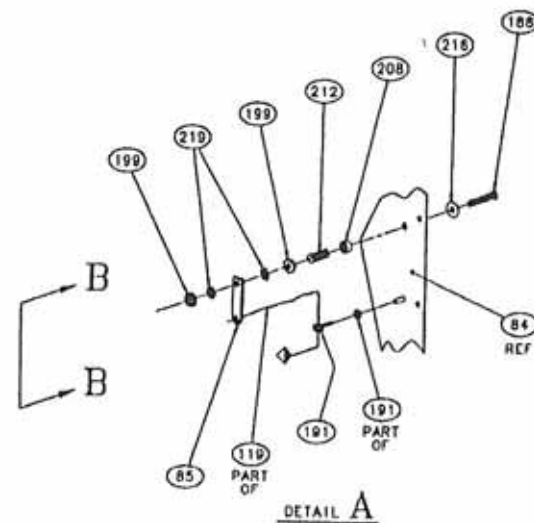
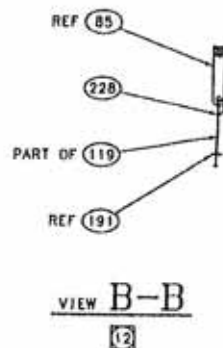
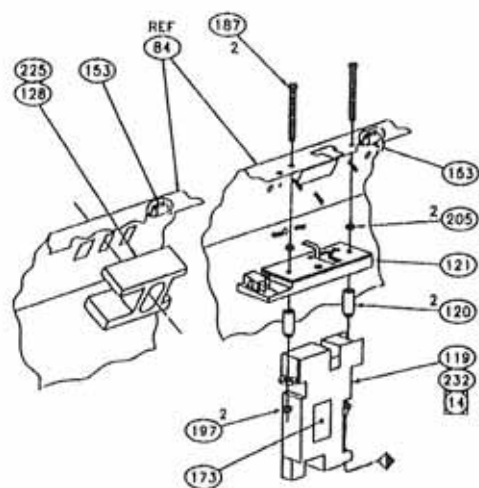
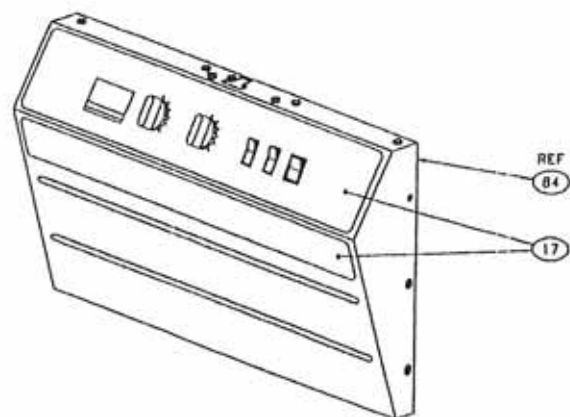


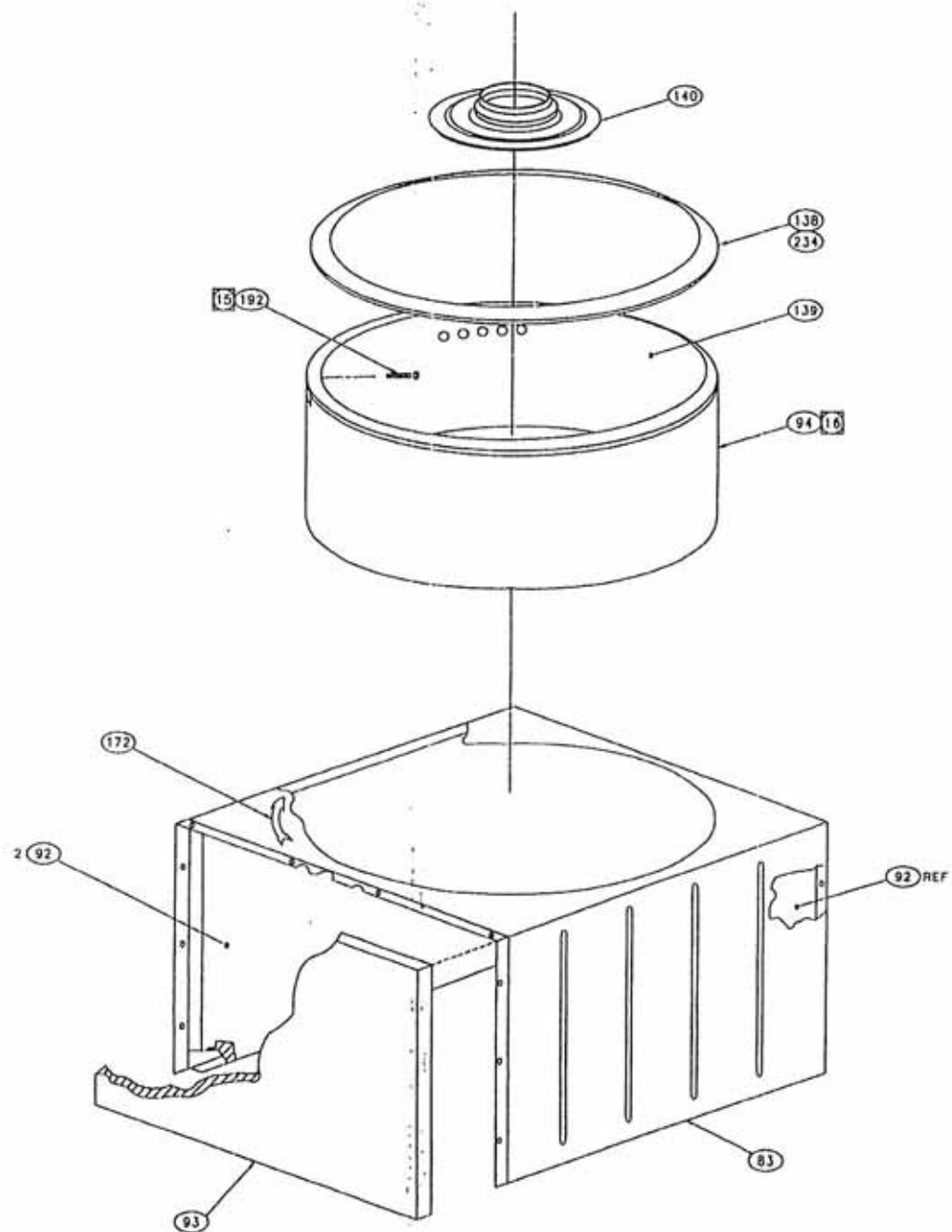
CHASSIS SUB-ASSY
SEE SHEET 8

5-12

FRONT PANEL SUB-ASSY
SEE SHEET 7

5-12





NOTES: (UNLESS OTHERWISE NOTED)

- 1 FOR WIRING DIAGRAM SEE DRAWING NUMBER 358738.
2. FOR SCHEMATIC DIAGRAM SEE DRAWING NUMBER 358737-00.
3. FOR TEST SPECIFICATIONS SEE DRAWING NUMBER 355832.
4. FOR U/L TEST SPECIFICATIONS SEE DRAWING NUMBER 360854.
5. PACKAGING MATERIAL SPECIFICATIONS CONTROLLED BY SPINCO MANUFACTURING PACKAGING ENGINEERING DEPARTMENT.
- 6 QUANTITIES IN PARENTHESIS * () * ARE FOR REFERENCE ONLY. PARTS COME FROM JIT KITS 366869, 358740, 360551, 366860.
7. ALL LABELS TO BE POSITIONED AS SHOWN.
- 8 SEE TABULATION, ITEMS 10-15 FOR CORRECT NAME RATING PLATE.
- 9 LABEL (PART OF ITEM 10-15) TO HAVE SAME SERIAL NUMBER AS ON PLATE (ITEM 10-15).
- 10 MOUNTING SCREWS SUPPLIED WITH TIMER (ITEM 134).
- 11 NUT AND INTERNAL TOOTH LOCK WASHER COME WITH VARIABLE RESISTOR (PART OF HARNESS, ITEM 101 OR 104).
- 12 WITH LEVER (ITEM 85) IN VERTICAL POSITION, REMOVE SLACK FROM STRING ON LATCH ASSEMBLY (ITEM 119). TIE STRING IN A KNOT AND COAT WITH LOCTITE (ITEM 228).
- 13 APPLY HEATSINK COMPOUND (ITEM 233) TO CHASSIS (PART OF ITEM 28, 29 OR 30) PRIOR TO MOUNTING RECTIFIER (ITEM 163).
- 14 APPLY GREASE (ITEM 232) TO FACE OF JAWS ON LATCH (ITEM 119) WHERE THEY COME ON CONTACT WITH STRIKER (ITEM 118).
- 15 DISCARD TERMINAL HARDWARE SUPPLIED WITH METER (ITEM 129) AND USE NUT (ITEM 196) AS INDICATED.
- 16 REFRIGERATION SYSTEM TUBING CONNECTIONS TO BE BRAZED USING SOLDER (ITEM 221). SYSTEM TO BE PRESSURE TESTED PER DRAWING NUMBER 340515 BEFORE APPLYING TUBE AND TAPE (ITEM 223 AND 226). TAPE (ITEM 226) TO BE APPLIED WITH A MINIMUM THICKNESS OF 3 LAYERS WHERE NECESSARY.
- 17 CHARGE REFRIGERATION SYSTEM WITH 11.75±.5 OZ. OF REFRIGERANT (ITEM 236).
- 18 FAN SHROUD (ITEM 141) TO BE MOUNTED ON THE EXTERIOR OF THE REFRIGERATION CONDENSER SIDE PLATES (PART OF ITEM 28, 29, OR 30). APPLY TAPE (ITEM 226) TO TOP OF CONDENSER, AND MAKE SURE SIDE PLATES ARE CLEAN AND DRY PRIOR TO INSTALLING SHROUD.
- 19 SEAL THERMISTOR ASSY (ITEM 100) AFTER INSTALLATION, USING DUCT SEALANT (ITEM 229).
- 20 TORQUE SCREW (ITEM 190) TO 30 FT/LBS.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS FURNISHED SUBJECT TO THE CONDITIONS THAT THE INFORMATION (1) BE KEPT IN CONFIDENCE, (2) NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AND (3) NOT BE USED OR INCORPORATED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.				
CHG.	E.O. NO.	DATE	BY	CHK
A	-----	-----	---	---

PILOT RUN ONLY

BY DR C. STEWART	DATE 12-23-97	BECKMAN BECKMAN INSTRUMENTS, INC. 4475 WILSON AVE. IRVINE, CALIFORNIA 92614	
CHK L.P. B. STEWART	DATE 2-6-98	TITLE TABULATION, CENTRIFUGE ASSEMBLY	
DSGN C. Stewart	DATE 2-6-98	C SIZE	CODE IDENT NO. 07978
ENGR K. D. L.	DATE 1-4-98	DWG NO. 36-9	SCALE 1/2 IN. = 1 FT.
MOD ALLEGRA 6R		1 OF 9	

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS TO BE KEPT IN CONFIDENCE. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN AGREEMENT OF BECKMAN INSTRUMENTS, INC.				
CHG.	E.O. NO.	DATE	BY	CHK
A	SEE SHEET 1			

1						10A	39	359295	MOTOR ASSY, CONDENSER 220V
	1	1		1	1	10A	38	359294	MOTOR ASSY, CONDENSER 120V
							37		
							36		
1			1			10B	35	363533	INSTALLATION KIT, 200V 50HZ/220V 60HZ CPRSR
	1			1		10B	34	363532	INSTALLATION KIT, 220V 50HZ CPRSR
		1			1	10B	33	363531	INSTALLATION KIT, 115V 60HZ CPRSR
							32		
							31		
1			1			10B	30	363613	WELDING ASSY, REFRIG SYSTEM, 200V 50HZ/220V 60HZ
	1			1		10B	29	363612	WELDING ASSY, REFRIG SYSTEM, 240/220V 50HZ
		1			1	10B	28	363611	WELDING ASSY, REFRIG SYSTEM, 115V 60HZ
							27		
							26		
1	1	1	1	1	1	2B	25	728845	LABEL, FCC
	1			1		2B	24	538814	LABEL, CE
1	1	1	1	1	1	2C	23	456835	LABEL, UL
		1			1	2C	22	455865	LABEL, CSA
1	1	1		1	1	2B	21	366870	LABEL, CAUTIONARY ALLEGRA 6R/6KR
				1		2B	20	478840	LABEL, CAUTIONARY - SPINCHRON
1	1	1				1B	19	336067	LABEL, 50HZ ONLY
			1	1	1	7B	18	366845	OVERLAY, SPINCHRON R
						7B	17	366843	OVERLAY, ALLEGRA 6R
							16		
1						1B	15	366827	PLATE, NAME RATING - SPINCHRON R 200V, 50/60HZ
	1					1B	14	366826	PLATE, NAME RATING - SPINCHRON R 230V, 50HZ
		1				1B	13	366825	PLATE, NAME RATING - SPINCHRON R 120V, 60HZ
			1			1B	12	366824	PLATE, NAME RATING - ALLEGRA 6R 200V, 50/60HZ
				1		1B	11	366823	PLATE, NAME RATING - ALLEGRA 6R 230V, 50HZ
					1	1B	10	366822	PLATE, NAME RATING - ALLEGRA 6R 120V, 60HZ
							9		
							8		
1			1			(NOT SHOWN)	7	366851	SHIPPING LIST, ALLEGRA 6R 200V
	1			1		(NOT SHOWN)	6	366849	SHIPPING LIST, ALLEGRA 6/6R 230V
		1			1	(NOT SHOWN)	5	366848	SHIPPING LIST, ALLEGRA 6/6R 120V
							4		
1	1	1	1	1	1	(NOT SHOWN)	3	359632	PACKAGING
							2		
1	1	1	1	1	1	(NOT SHOWN)	1	366815	CENTRIFUGE ASSY, COMMON

SPINCHRON R CENTRIFUGE 200V, 50/60HZ 366821	SPINCHRON R CENTRIFUGE 230V, 50HZ 366820	SPINCHRON R CENTRIFUGE 120V, 60HZ 366819	ALLEGRA 6R CENTRIFUGE 200V, 50/60HZ 366818	ALLEGRA 6R CENTRIFUGE 230V, 50HZ 366817	ALLEGRA 6R CENTRIFUGE 120V, 60HZ 366816	QTY	ZONE	ITEM	PART NO.	DESCRIPTION
						5-17				BECKMAN BECKMAN INSTRUMENTS, INC. 10000 ALLEGRA BLVD. FORT WORTH, TEXAS 76116
										TITLE
										TABULATION, CENTRIFUGE ASSY
										CODE IDENT NO. DWG NO. C 07978 366814 SIZE

MOD ALLEGRA 6R

SCALE — 1:1 USE — 1 SHEET 2 OF 4

C 366814
SIZE

[illegible]

1B	175	1	478301	LABEL, READ MANUAL
6A	174	1	455771	LABEL, CAUTION - FUSE REPLACEMENT
1B, 6A, 7C, 10C, 11C, 12B	173	6	456025	LABEL, WARNING - HIGH VOLTAGE
4B	172	1	340574	LABEL, ROTATION ARROW
9C	171	1	231879	LABEL, CAUTION - SAFETY GOGGLES
1C	170	1	347998	LABEL, ARROW
	169			
11A	168	1	927901	SWITCH, SENSITIVE, SPDT (1MB)
12D	167	1	927867	RECEPTACLE, POWER
10B	166	1	974540	RESISTOR, W.W. 5, 100W, 5%
11C	165	1	927839	RESISTOR, W.W. .5, 25W, 5%
11C	164	1	927526	RESISTOR, W.W. 13, 100W, 5%
12B	163	1	927473	RECTIFIER, BRIDGE
10C	162	1	889797	RELAY, SOLID STATE - 3-32 VDCSIG
(NOT SHOWN) 1	161	1	878338	HOUSING, CAP 2 CONTACT
12C	160	1	358941	TRANSFORMER, POWER S.C.D.
12C	159	1	355823	CHOKE, 10MH
	158			
	157			
12B	156	14	928450	CLAMP, CABLE .75
12B	155	3	928449	CLAMP, CABLE .50
	154			
7D, 8D, 10C	153	3	863201	CLAMP, CABLE, .25, BLK PVC
11C	152	4	870318	CLAMP, CABLE, .188, BLK PVC
(NOT SHOWN)	151	A/R	857249	CABLE TIE, 3.62 LG .094 WIDE
	150			
	149			
12C	148	2	360885	COVER, TIE-DOWN SLOT
11A	147	1	885697	FAN BLADE, .254 BORE, 7.75 DIA
11A	146	1	927321	BRACKET, FAN MTG.
10B, 11C	145	4	885964	BRACKET, RESISTOR MOUNTING
11C	144	2	805967	BRACKET, RESISTOR MOUNTING
	143			
	142			
9B	141	1	359291	SHROUD, FAN GPR/GPRII
16B	140	1	358009	BELLOWS, MOTOR
16B	139	1	349766	BOWL, FOAMED
	138			
	137			
6B	136	1	927462	SWITCH, ROCKER - SPDT (BRAKE)
6B	135	1	927461	SWITCH, ROCKER - SPST (DOOR)
5A	134	1	927457	TIMER, 30 MIN W/HOLD DPST
	133			
	132			
6A	131	1	362261	FILTER, CONDENSER
6A	130	1	362148	FRAME, FILTER
5B	129	1	349760	TEMP. METER - S.C.D.
8D	128	1	360851	GUARD, SWITCH
6C	127	3	974672	KNOB
5C	126	2	355103	SPACER, POTENTIOMETER
ZONE	ITEM	QTY	PART NO.	DESCRIPTION

CENTRIFUGE ASSY, COMMON
366815

5-19

6C	125	2	974671	O-RING, NITRILE, .537 I.D., .957 O.D.
13A	124	1	042550	O-RING, BUNA-N .364 I.D., .500 O.D.
	123			
4C	122	2	961651	HINGE, COUNTER BALANCE
7C	121	1	363414	SAFETY LOCK ASSEMBLY
7C	120	2	361939	SPACER, LATCH
7C	119	1	360548	LATCH
4D	118	1	358020	STRIKER
	117			
4D	116	1	366868	DOOR ASSY - REFER
	115			
	114			
6 (NOT SHOWN) 1	113	(1)	366875	CABLE, BRAKE
(NOT SHOWN) 1	112	(1)	366072	JUMPER, GRN / Y
(NOT SHOWN) 1	111	(1)	366071	JUMPER, BROWN
(NOT SHOWN) 1	110	(1)	366070	JUMPER, BLUE
	109			
6A	108	(1)	358946	BOARD ASSY, CONTROL BOARD
5A	107	(1)	357190	BOARD ASSY, DISPLAY
	106			
(NOT SHOWN) 1	105	(1)	359332	HARNESS, LOW VOLTAGE - REFRIGERATION
(NOT SHOWN) 1	104	(1)	359331	HARNESS, TEMP. CONTROL
(NOT SHOWN) 1	103	(1)	359329	HARNESS, SWITCH, POWER/DOOR
(NOT SHOWN) 1	102	(1)	359328	HARNESS, DOOR LOCK
(NOT SHOWN) 1	101	(1)	358948	HARNESS, CONTROL PANEL
6 13B	100	(1)	349787	THERMISTOR ASSY
	99			
	98			
	97			
6 6A	96	(1)	355997	PANEL, DAMPING - FRONT
11A	95	(1)	366892	FOAM DUCT ASSY
14D	94	(1)	355836	FOAM, R.H. TOP
14D	93	(1)	355835	FOAM, R. SIDE
14D	92	(2)	355834	FOAM, L. SIDE
6 (NOT SHOWN)	91	1	366860	JIT KIT, FOAM
	90			
	89			
	88			
	87			
6 5A	86	(1)	349731	MTG PLATE, TEMP METER
6C	85	(1)	365420	LEVER, MANUAL RELEASE
5D, 6B, 8D	84	(1)	358732	CONTROL PANEL
14D	83	(1)	361941	HOUSING, RIGHT SIDE
14D	82	(1)	361940	HOUSING, LEFT SIDE
6 (NOT SHOWN)	81	1	366869	JIT KIT, MECHANICAL
ZONE	ITEM	QTY	PART NO.	DESCRIPTION

CENTRIFUGE ASSY, COMMON
366815

BECKMAN		BECKMAN INSTRUMENTS INC. P.O. BOX 1000 MILWAUKEE, WIS. 53213	
CODE IDENT NO.	DWG NO.		
07978	366814		
SCALE	1st USE	SHEET 4 OF 9	

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS LOANED SUBJECT TO THE CONDITIONS THAT THE INFORMATION (1) BE RETURNED TO COMPANY, (2) NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AND (3) NOT BE USED OR INCORPORATED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.

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

	270			
	269			
	268			
	267			
	266			
	265			
	264			
	263			
	262			
	261			
	260			
	259			
	258			
	257			
	256			
	255			
	254			
	253			
	252			
	251			
	250			
	249			
	248			
	247			
	246			
	245			
	244			
	243			
	242			
	241			
	240			
	239			
	238			
	237			
(NOT SHOWN) 17	236	11.75 OZ	70-281-18	REFRIGERANT R404A
	235			
16B	234	A/R	65-040-04	RELEASE AGENT, EPOXY PARFILM
12B	233	A/R	65-033-03	COMPOUND, HEATSINK
7C	232	A/R	65-013-01	GREASE, MOLYBDENUM DISULFIDE
	231			
	230			
13A	229	A/R	60-025-01	SEALANT, DUCT
6D	228	A/R	60-008-07	ADHESIVE, (LOCTITE #414)
	227			
9B, 10B	226	A/R	55-043-01	TAPE, PRESSURE SENSITIVE
8D	225	A/R	45-301-10	TAPE, FOAM - WHT .046 THK X 1.50 WD
	224			
10B, 14B	223	A/R	53-020-04	TUBE, RUBBER - .625 I.D.
	222			
10B	221	REF	40-071-06	SOLDER, SIL-FOS-5
ZONE	ITEM	QTY	PART NO.	DESCRIPTION
CENTRIFUGE ASSY, COMMON				
366815				

	220			
6D	219	2	964920	WASHER, LKG-EXT, M6 SSTL
4D	218	1	961099	WASHER, FLT .75 O.D. X .401 I.D. X .03 THK CRES
11D	217	3	808275	WASHER, SPL LKG, .375 SCR
5D	216	1	970359	WASHER, CUP, 1/4 SCR
10A, 12C	215	3	808255	WASHER, LKG, EXT 10 SCR S-C
	214			
	213			
5D	212	1	885896	SPRING, COMP - .36 O.D., .88 LG
	211			
	210			
	209			
5D	208	1	970920	SPACER, .25 LG NYL
5C, 6A	207	9	897483	SPACER, CYL, NON-THD, .530 LG .25 O.D. .148 I.D.
10C	206	2	841914	SPACER, HEX, THD, 8-32 X 1.00 LG .25 O.D.
7C	205	2	818024	SPACER, CYL, NON-THD, .125 LG .375 O.D. .25 I.D.
	204			
	203			
	202			
4D	201	1	927746	NUT, M10 X 1.25 S-ZI
13B	200	1	885317	NUT, 3/8-32 NYLON
6D	199	2	808589	NUT, 1/4-20 HEX-S-ZI
11A	198	1	878544	NUT, 1/4-20 HXFLG-S-ZI
7C, 10A, 10B	197	8	878636	NUT, 10-32 HXFLG-S-C
5B	196	2	848748	NUT, 10-32 KEP, EXT, S-ZI
5A, 8A	195	18	853432	NUT, 6-32 KEP, EXT S-ZI
	194			
	193			
	192			
5C	191	1	970358	BOLT, EYE 6-32 X 1.25 S-ZI
11D	190	3	974670	SCREW, .375-16 X 1.75 HEX-S
	189			
5D	188	1	864201	SCREW, FLT HD .250-20 X 1.5 HX50-S-ZI
8D	187	2	961751	SCREW, BTN CAP 10-32 X 2.5 SS-BLK-ZI
4C	186	2	803257	SCREW, 10-32 X .50 FL-S-ZI-PHIL
2A	185	14	961700	SCREW, BTN CAP 10-32 X .375 SS-BLK-ZI
1A, 10A, 10B, 10C, 10D, 10E	184	73	878542	SCREW, 10-32 X .375 HXFLG-S-ZI
4C, 10C	183	6	834576	SCREW, 8-32 X .50 P-S-C-SLTD
1B	182	8	885833	SCREW, 8-32 X .25 HXFLG-S-C
11C	181	2	858898	SCREW, 8-32 X .375 P-S-NYL
11A	180	4	841869	SCREW, THD FRM, 8-32 X .375 HXWSHR-S-C
	179			
11C	178	2	889105	SCREW, 6-32 X .25 HXFLG-S-C
12D	177	2	803124	SCREW, 6-32 X .25 FH-S-ZI-PHIL
11A	176	2	809895	SCREW, 4-40 X .625 STL, SEMS PHH, PHH
ZONE	ITEM	QTY	PART NO.	DESCRIPTION
CENTRIFUGE ASSY, COMMON				
366815				

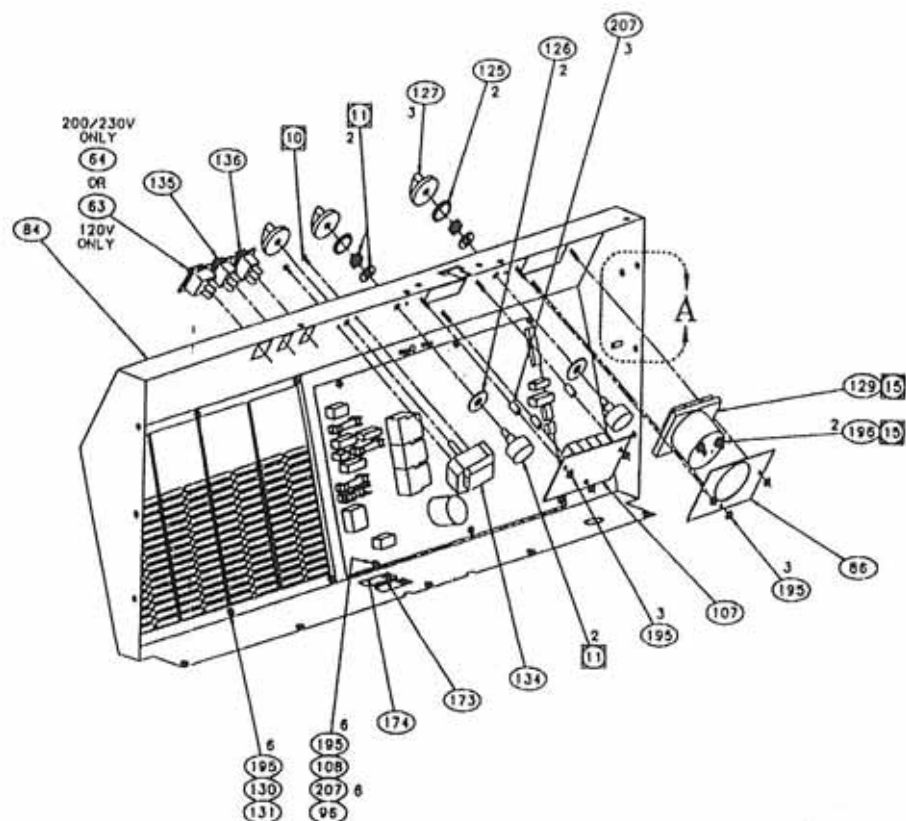
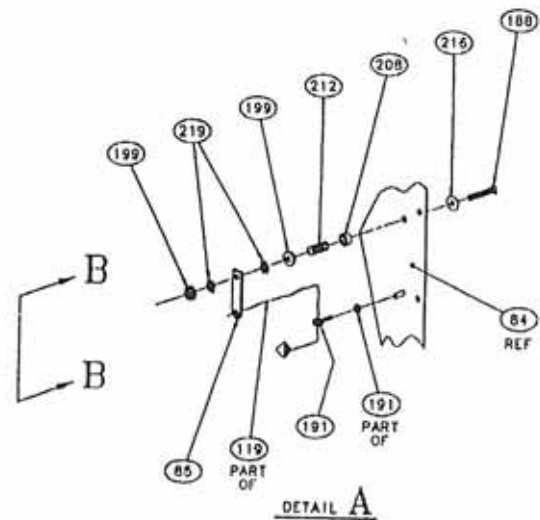
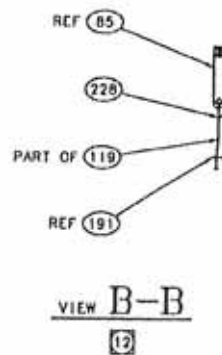
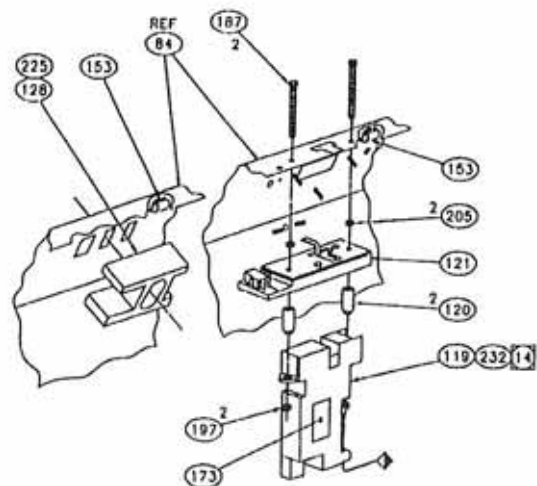
BECKMAN BECKMAN INSTRUMENTS INC.
P.O. BOX 111111
111111, 111111, 111111

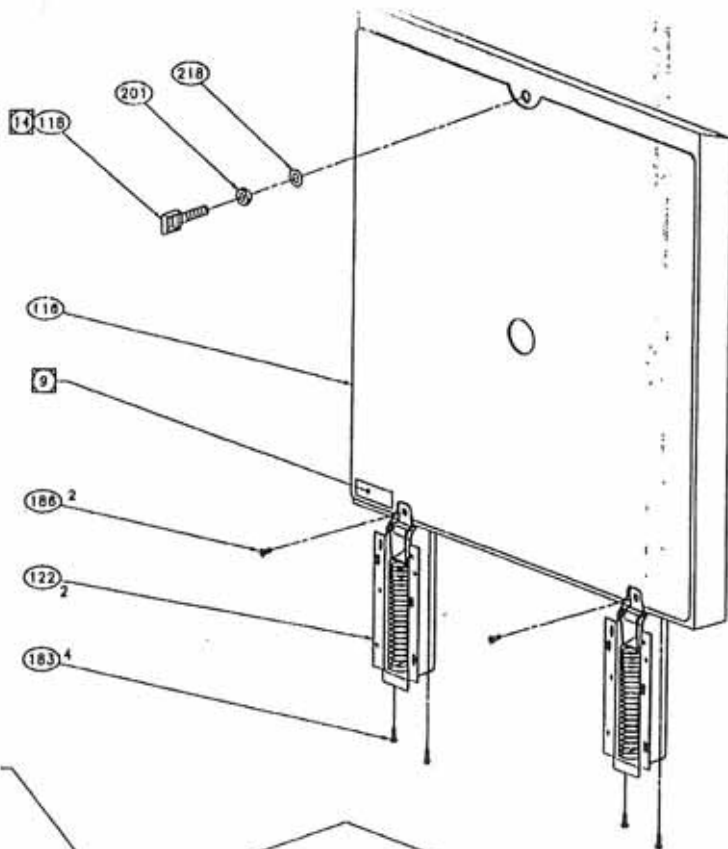
CODE IDENT NO.	DWG NO.
07978	366

SCALE: 1:1 USE

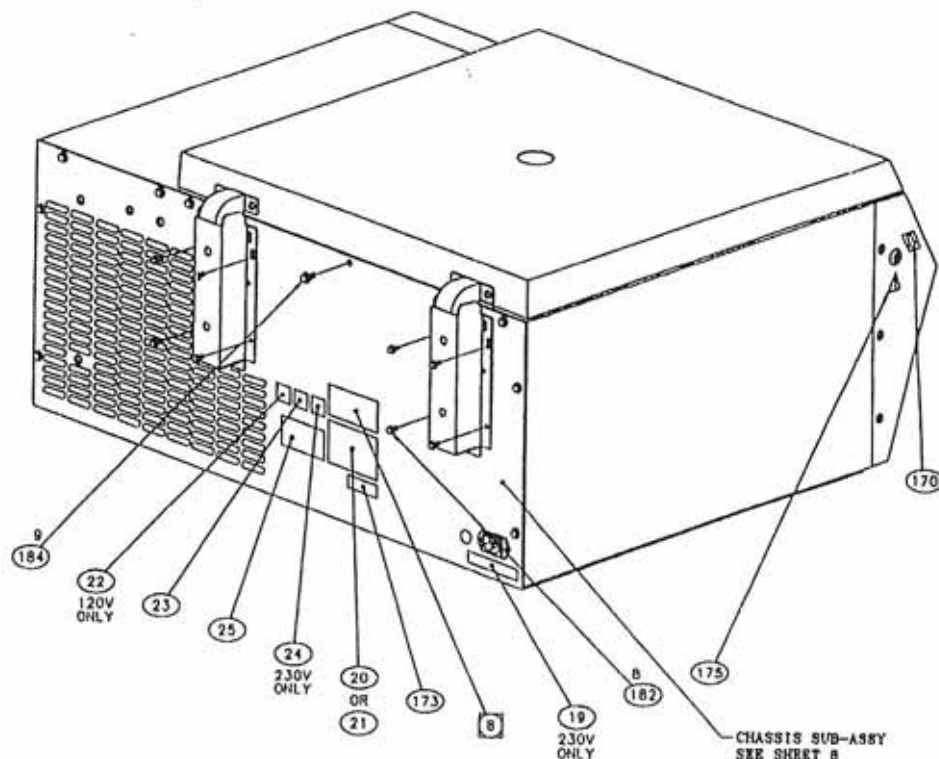
5-2

366814
366815

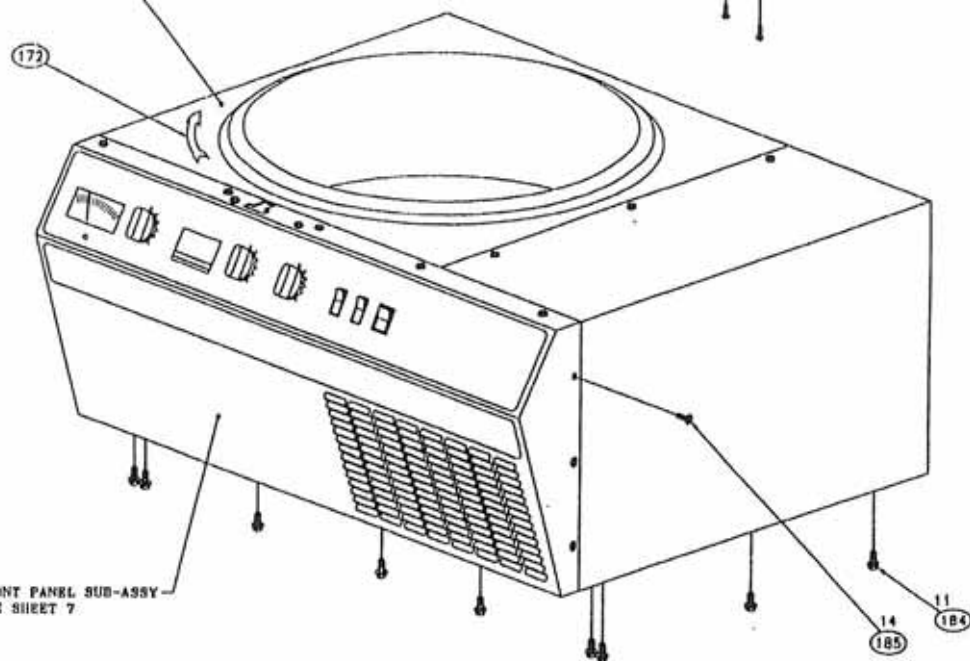




HOUSING SUB-ASSY
SEE SHEET 9

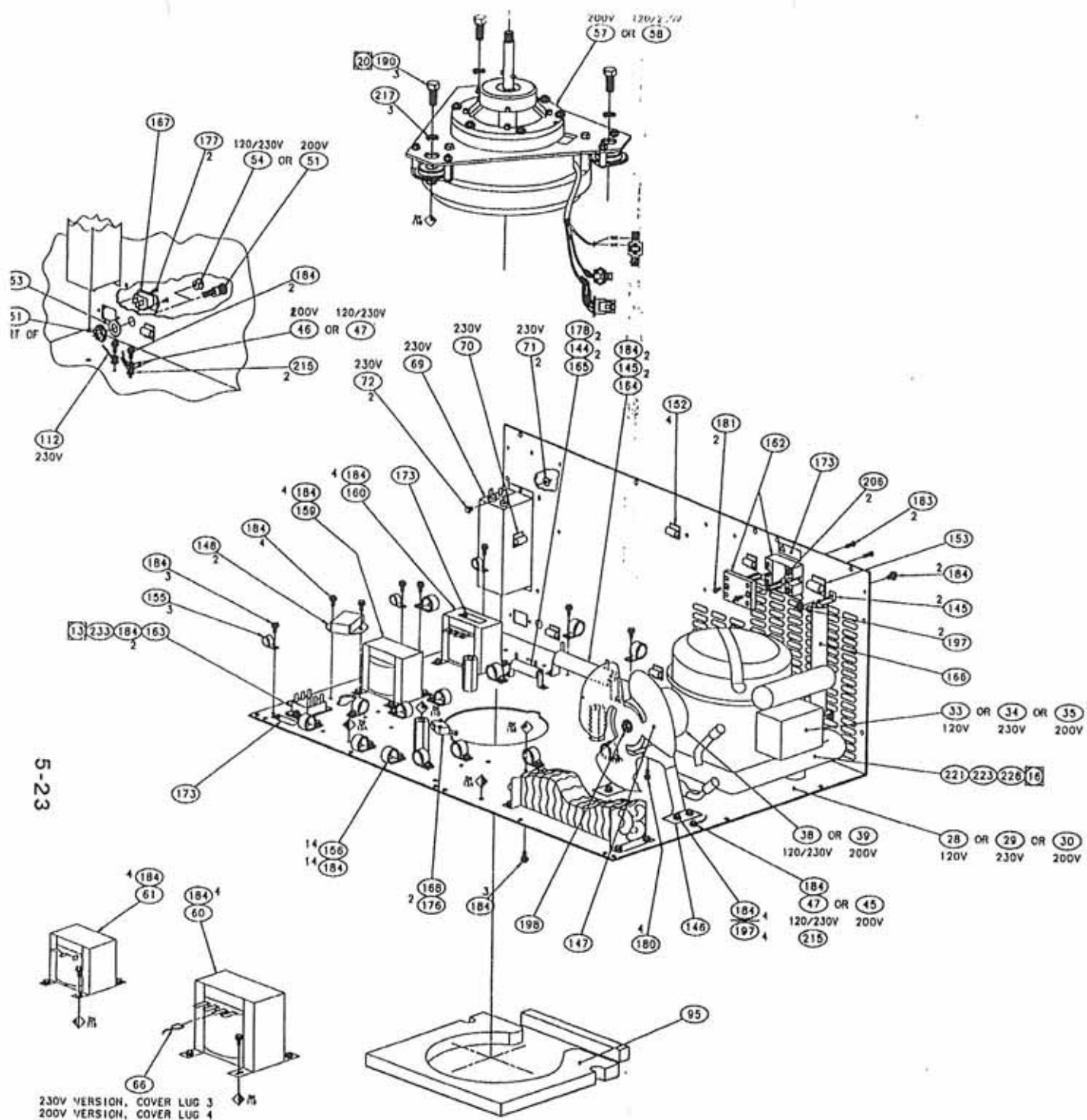


CHASSIS SUB-ASSY
SEE SHEET 8



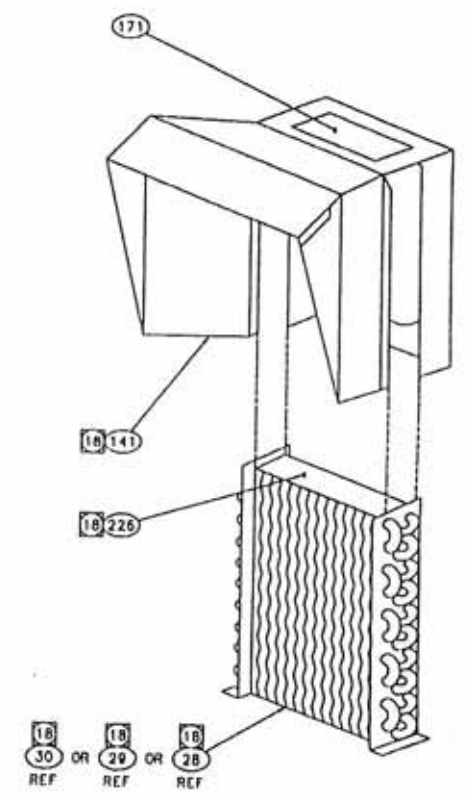
FRONT PANEL SUB-ASSY
SEE SHEET 7

5-21

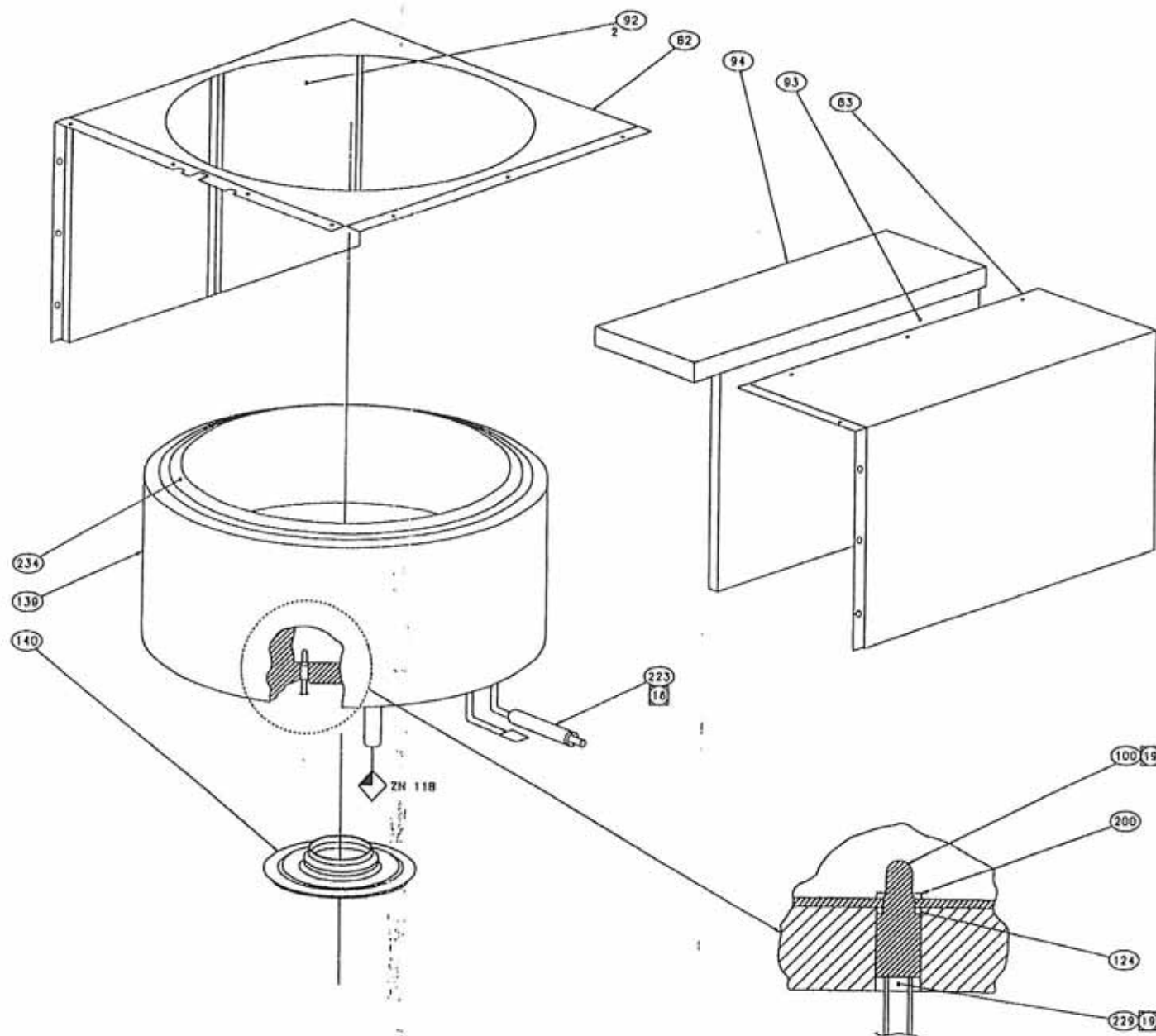


5-23

230V VERSION, COVER LUG 3
200V VERSION, COVER LUG 4



REV	DATE	BY	CHK
1	11/1/61		



SCALE: 1/1



J66B14