

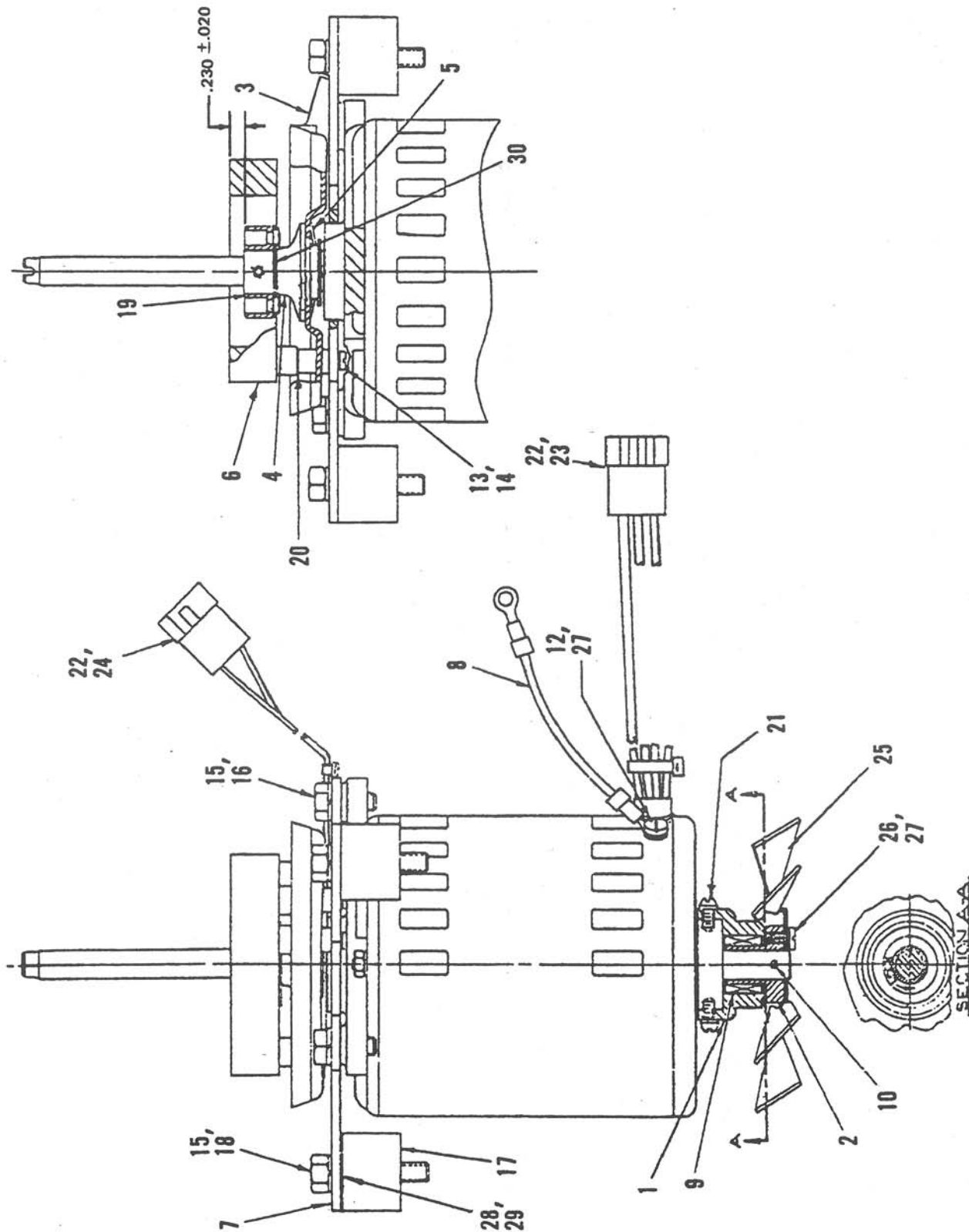


Figure 10-3. Drive Motor Assembly

Table 10-4. Drive Motor Assembly
(PN 04575-60 Hz and PN 04576-50 Hz)
(key to figure 10-3)

Item	Description	Part Number
-	Motor Assembly, Drive, 115V, 60 Hz	12975
-	Motor Assembly, Drive, 115V, 50 Hz	12976
1	Clutch, Housing, Motor	04252
2	Clutch, Bushing, Motor	04253
3	Motor Drain Tray	04226
4	Motor Seal	04172
5	Loading Spring, Modified	04209
6	Decant Coil	04214
7	Motor Support Plate	04227
8	Motor Ground Wire	04167
9	Clutch, Roller for .500 Diameter Shaft; Torrington #RC-081208	64746
10	Pin, Roll, Self-locking, 3/32 Diameter x 1 inch Long, SSt; SPS #31-S-.094-1.000	64795
12	Screw, Self-tapping, Round Head, Slotted, Steel Cad Plate, #6-32 x 3/8 Long, Type F	60495
13	Washer, Split Lock, #4, SSt, .020 Thick	63004
14	Screw, Machine, Pan Head, Slotted, SSt, UNC, #4-40 x 7/8 Long	62914
15	Washer, Split Lock, #1/4 x .045 Thick, Steel Cad Plate	60448
16	Screw, Cap, Hex Head, Steel Cad Plate, UNC, #1/4-20 x 5/8 Long	61258

Table 10-4. Drive Motor Assembly
(PN 04575-60 Hz and PN 04576-50 Hz)
(key to figure 10-3, continued)

Item	Description	Part Number
17	Shock Mount, 1 inch Diameter x .75 Long 1/4-20; 60 Hz only	90983
17	Shock Mount, 1 inch Diameter x .75 Long 1/4-20; 50 Hz only	67813
18	Nut, Hex, SSt, #1/4-20	61141
19	Motor Drive Ring Subassembly	04277
20	Washer, Flat, Nylon, .203 ID x .437 OD x .010 Thick	61948
21	Screw, Machine, Round Head, Slotted SSt, UNC, #6-32 x 3/16 Long	61257
22	Contact, Pin, Electrical Connector, Male 14-20 AWG; Molex #1190	61864 (2)
23	Connector Body, Plug, Electrical, 9-Position, Nylon, No Mtg Ears; Molex #03-09-2092	61862
24	Connector Body, Plug, Electrical, 3-Position, Nylon; Molex #03-09-2032	67669
25	Vane, Motor Cooling	04260
26	Screw, Machine, Pan Head, Slotted, SSt, UNC, #6-32 X 1/4 Long	60930
27	Washer, Split Lock, SSt, Medium, #6, .031 Thick, .047 Section Width	62021
28	Washer, Shim, .005 Thick	04278
29	Washer, Shim, .010 Thick	04279
30	Spacer, 3/8 ID x 5/8 OD x .024 Thick	04286

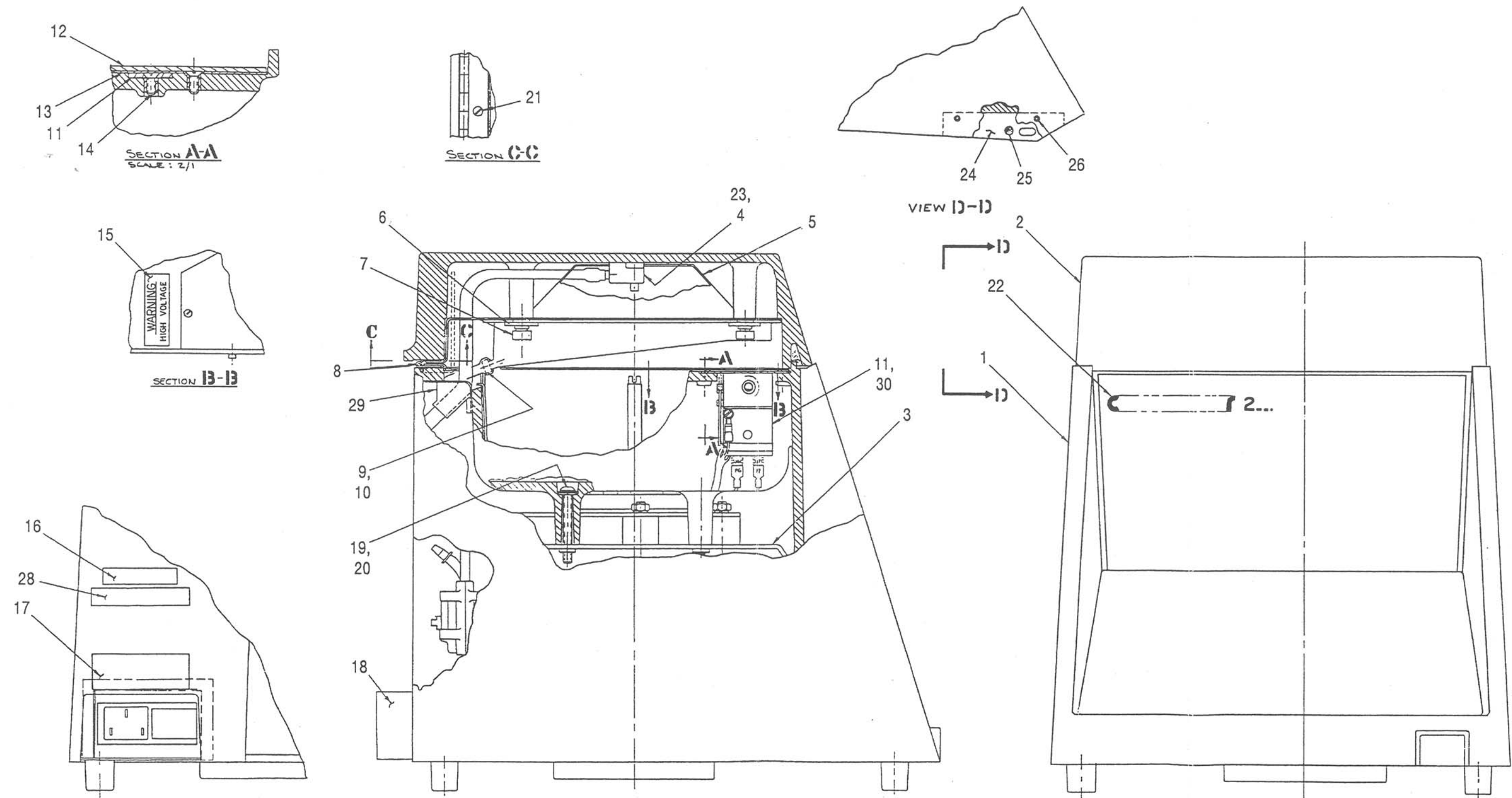


Figure 10-1.
Cellwasher 2 Assembly

Table 10-2. Cellwasher 2 Assembly
(key to figure 10-1)

Item	Description	Part Number*
1	Cabinet Assembly Kit	12951
2	Cover Assembly	04660
3	Chassis and Component Assembly, 50 Hz	-
3	Chassis and Component Assembly, 60 Hz	-
4	Nozzle Assembly	04552
5	Retainer, Collector Ring	04538
6	Washer, Shoulder, Nylon	04585 (4)
7	Thumbscrew, SSt, 1/4-20 x 3/8 Long; ASM #18024-SS-12	04833 (4)
8	Hinge/Torsion Bar Assembly	04698
9	Collector Ring	12850
10	O-ring Seal for Collector Ring	69722
10	Vinyl Seal for Collector Ring	04353 (12/pkg)
11	Lid Latch Assembly (only available in Service Kit)	12792
12	Guard, Lower Liner Wet	04565
13	Cover Plate	04852
14	Screw, Machine, Flat Head, Slotted SSt, UNC, #4-40 x 3/8 Long	62422 (5)
15	Label, Warning High Voltage	21990
16	Label, Serial Number	-
17	Nameplate, Rating, 2.0 A, 220V, 50 Hz	04550
17	Nameplate, Rating, 4.0 A, 115V, 60 Hz	04551
18	Saline Shield	04941

*Number in parentheses indicates part quantity required.

Table 10-2. Cellwasher 2 Assembly
(key to figure 10-1, continued)

Item	Description	Part Number*
19	Cap Screw, Button Head Socket, SSt, UNC, 1/4-20 x 2 Long	68773 (4)
20	Washer, Seal, SSt, .260 ID x 1/2 OD, Aztec Washer Co #N0500265	68772 (4)
21	Screw, Machine, Flat Hs, Self-Locking, SSt, Slotted, UNC, #6-32 x 7/16 Long	68826 (8)
22	Logo, Front Panel	04599
23	Screw, Machine, Flat Head, Phillips, UNC, #6-32 x 1/4 Long	67865 (2)
24	Latch Cover Plate	04864
25	Magnet, .250 Diameter x .100 Thick, Permag Corp #90C90A	67653
26	Screw, Machine, Hex Socket Flat Head, SSt, UNF, 4-48 x 3/16 Long	67967 (2)
28	Label, Warning, Fuse Replacement	-
29	Rubber Boot	04653
30	Latch Control P.C. Board	04543
-	Power Cord, 3 Conductor 10 A, 60 Hz	67080
-	Power Cord, 3 Conductor, 10 A, 50 Hz	91605

*Number in parentheses indicates part quantity required.

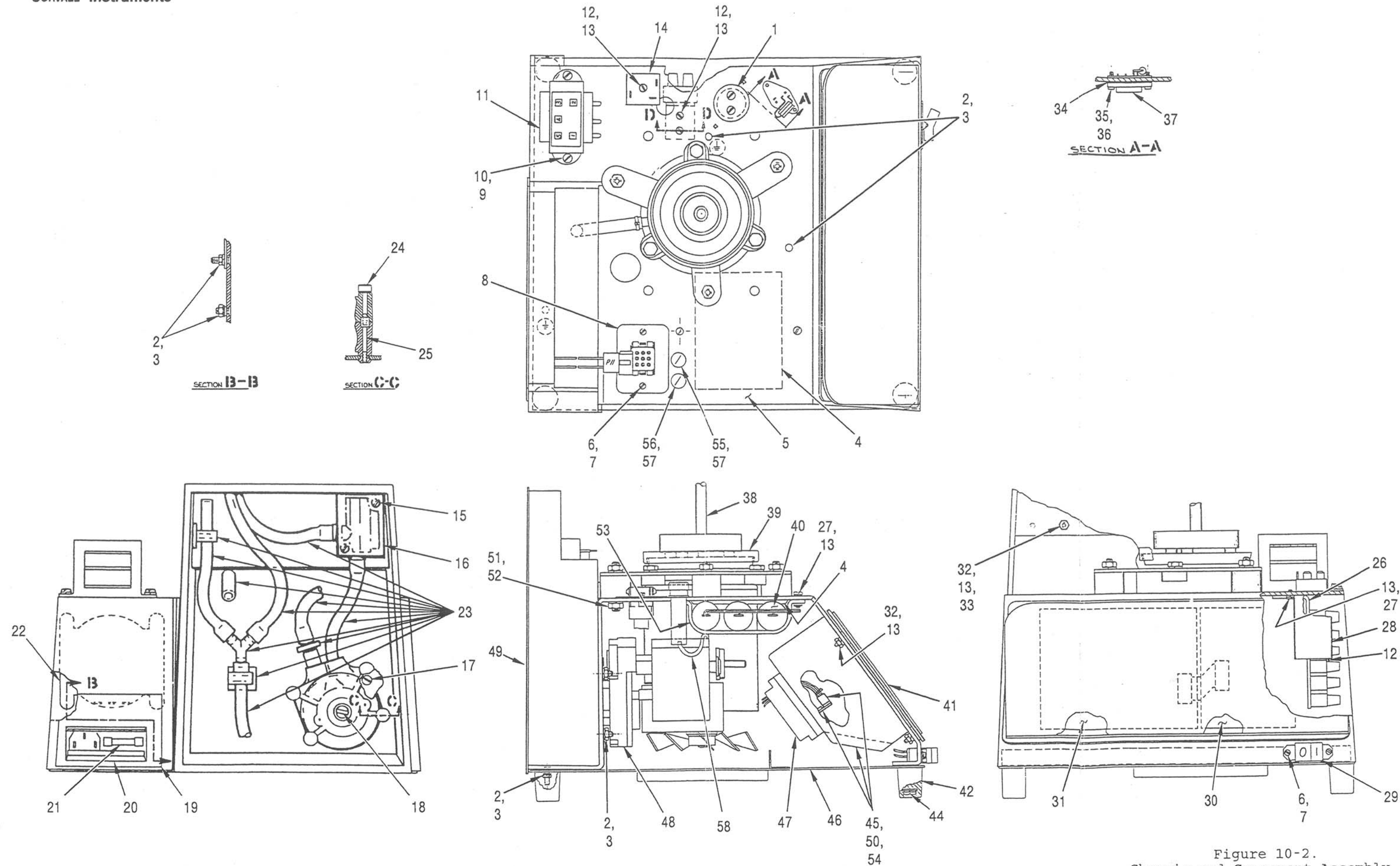


Figure 10-2.
Chassis and Component Assembly

Table 10-3. Chassis and Component Assembly
(PN 04540-60 Hz and PN 04539-50 Hz)
(key to figure 10-2)

Item	Description	Part Number*
1	Insulator, Capacitor	04560
2	Nut, Hex, SSt, #10-32	60012**
3	Washer, Lock Internal, SSt, #10, .204 ID x .381 OD x .025 Thick	61712 (5)
4	Insulation, Soundfoam, 3.0 x 3.0	-
5	Chassis Assembly	-
6	Screw, Machine, Pan Head, Slotted, SSt, UNC, #4-40 x 1/4 Long	61539 (4)
7	Washer, Split Lock, SSt, #4, .020 Thick	63004 (4)
8	Plate, Connector, MTG	04606
9	Washer, Split Lock, SSt, #8, .031 Thick	63013 (2)
10	Screw, Machine, Pan Head, Slotted SSt, UNC, #8-32 x 3/8 Long	62358 (2)
11	Transformer, Single Primary, 50/60 Hz 115 V, with Thermo Protect; Signal #241-6-17-20	67878
12	Screw, Machine, Pan Head, Slotted SSt, UNC, #6-32 x 3/4 Long	64771 (5)
13	Washer, Split Lock, SSt, #6, .031 Thick	63011 (13)
14	Rectifier	923627
15	Screw, Machine, Pan Head, Slotted, SSt, UNC #6-32 x 1/4 Long	60930 (2)
16	Switch Assembly, Flow	04620
17	Screw, Machine, Flat Head, Slotted, SSt, UNC, #8-32 x 3/8 Long	60135 (4)
18	Pump, Masterflex; Barnant #7017-21	67632
19	Guard, Line Cord Connector	04519

*Number in parentheses indicates part quantity required.

**Part Quantity required: 6 for 60 Hz, 10 for 50 Hz.

Table 10-3. Chassis and Component Assembly
(PN 04540-60 Hz and PN 04539-50 Hz)
(key to figure 10-2, continued)

Item	Description	Part Number*
20	Connector Assembly	04574
21	Fuse, 6.25A, SLO-BLO, Type 3 AG, 250V Rating, 60 Hz	980044
21	Fuse, 3A, SLO-BLO, Type 3 AG, 250V Rating, 50 Hz	980039
22	Transformer Assembly, 50 Hz ONLY	04630
23	Tubing Replacement Kit includes: Overflow/Vent/Discharge/Drain Tubing Pump Tubing Supply/Flow Tubing Pump Connector Y-Connector Adjustable Tubing Clamp Nylon Cable Tie Installation Instructions	12977
24	Screw, Pump	43302 (4)
25	Screw, Pump	43301 (4)
26	Bracket Assembly, Terminal Strip	04529
27	Screw, Machine, Pan Head, Slotted, SSt, UNC, #6-32 x 3/8 Long	61132 (4)
28	Capacitor, High Capacity, 5800 MF; Mepco #86F528L	67628
29	Switch Assembly, Connector & Power	04570
30	Interface Printed Circuit Board Assembly Only	04834
31	Microcomputer Printed Circuit Board Assembly	04527
32	Nut, Hex, SSt, #6-32	60074 (6)

*Number in parentheses indicates part quantity required.

Table 10-3. Chassis and Component Assembly
 (PN 04540-60 Hz and PN 04539-50 Hz)
 (key to figure 10-2, continued)

Item	Description	Part Number*
33	Washer, Flat, SSt, 5/32 ID x 3/8 OD x .031 Thick	60522 (2)
34	Insulator, Heatsink, TO-3; Berquist #7403-09FR-03	67663
35	Screw, Sheet Metal, Pan Head, Slotted, SSt, #6-20 x 1/2 Long, Type B	67664 (2)
36	Washer, Lock Internal, #6.15 ID x .295 OD x .021 Thick	61711 (1)
37	Regulator, Voltage, Pos 5V; National Semiconductor #LM340K-5.0	67078
38	Motor Assembly, Drive, 115V, 60 Hz	12975
38	Motor Assembly, Drive, 115V, 50 Hz	12976
39	Seal, Drain Tray	04872
40	Capacitor Assembly, 60 Hz	04568
40	Capacitor Assembly, 50 Hz	04510
41	Panel Assembly, Touch	04558
42	Bumper, Rubber, Recessed with Metal	68568 (4)
43	Washer, Split Lock, #10, SSt, .040 Thick	63016 (2)
44	Screw, Machine, Pan Head, Phillips w/washer, SST, UNF, #10-32 x 7/8 Long	66544 (4)
45	Aluminum Wet Guard Assembly	04851
46	Protective Screen	04522
47	Main Harness Assembly	04542
48	Motor Assembly, Pump, 50 Hz/60 Hz	04578
49	Guard, Rear Wet, Machined	04517

*Number in parentheses indicates part quantity required.

Table 10-3. Chassis and Component Assembly
(PN 04540-60 Hz and PN 04539-50 Hz)
(key to figure 10-2, continued)

Item	Description	Part Number*
50	Harness Assembly, Triac-Interface P.C. Board Assembly	04845
51	Nut, Hex, SSt, #1/4-20	61141 (3)
52	Washer, Split Lock, #1/4, SSt, .047 Thick	63019 (3)
53	Bracket Assembly	04865
54	Triac PC Board Assembly	04839
55	Fuse, 1.0 Amp (50 Hz only)	980031
56	Fuse, 1.5 Amp (50 Hz only)	980034
57	Fuseholder (50 Hz only)	92113
58	Adapter Harness (50 Hz only)	04374

*Number in parentheses indicates part quantity required.