



# SCHEMATIC DIAGRAM

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## COMPONENT VALUES

All resistors are 1/4 w., 5% unless otherwise indicated.

		PART*		PART #		PART		
R101	600 ohms, 10 watts	120601	R305	1.8 ohms		D207	silicon diode	
R201	1,000 ohms	119102		10% 10 watt (part			1N4148	543148
R202	22,000 ohms	119223		of L301 assembly)	453001	D208	silicon diode	
R203	33,000 ohms	119333	R306	10 ohms			1N4148	543148
R204	33,000 ohms	119333		10% 5 watt	120103	D209	silicon diode	
R205	4,700 ohms	119472					1N4148	543148
R206	2,200 ohms	119222				D301	silicon diode	
R207	2,200 ohms	119222					1A 200prv	544012
R208	100,000 ohms	119104	BR101	thermal sensor		D302	silicon diode	
R209	100 ohms	119101		85°C 15A	342001		1A 200prv	544012
R210	22,000 ohms	119223	BR102	thermal sensor		DB101	silicon diode bridge	
R211	6,200 ohms			85°C 15A	342001		25A	544504
	5% 1/2 watt film	133622				F101	fuse 10A 3AB	342016
R212	220 ohms	119221				F102	fuse 5A 3AG	342025
R213	130 ohms	119131	C101	.01uf 500v 20%disc	244104	F103	fuse 6A 8AG	342006
R214	150 ohms	119151	C102	.01 uf 500v 20% disc	244104	F104	fuse 6A 8AG	342006
R215	100 ohms	119101	C103	.1 uf 100v 20% disc	224104	F105	fuse 6A 8AG	342006
R216	22 ohms	119220	C104	.1 uf 100v 20% disc	224104	F106	fuse 6A 8AG	342006
R217	1,000 ohms	119102	C105	10,000 uf 80v	284109	FN101	fan 115v 65 cfm	943001
R218	2,200 ohms	119222	C106	10,000 uf 80v	284109			
R219	1,000 ohms	119102	C201	4.7 uf 15v tantalum	282505	L301	choke assembly	
R220	20 ohms	119200	C202	.1 uf 100v 20% disc	224104		(wound on R305)	453001
R221	20 ohms	119200	C203	.1 uf 100v 20% disc	224104			
R222	2,400 ohms	119242	C204	50 uf 10v		P201	1,000 ohms trimpot	190103
R223	2,400 ohms	119242		non-polarized	282506	P202	1,000 ohms trimpot	190103
R224	10 ohms AB	119100	C205	180 .uuf 100v 10%	224181			
R225	100 ohms	119101	C206	.47 uf 100v 5%	260474	Q101	transistor 2N5630	571104
R226	100 ohms	119101	C207	320 uf 6v	281327	Q102	transistor 2N5630	571104
R227	10 ohms AB	119100	C208	47 uuf 100v 10% disc	224470	Q103	transistor 2N6030	561356
R228	1,000 ohms		C209	.1 uf 100v 20% disc	224104	Q104	transistor 2N6030	561356
	5% 2 watt	110102	C210	.001 uf 100v 10% disc	240102	Q201	transistor 2N4889	562889
R229	750 ohms		C211	82 uuf 100v 10% disc	224820	Q202	transistor 2N4889	562889
	5% 2 watt	110751	C212	.001 uf 100v 10% disc	240102	Q203	transistor 2N4889	562889
R230	300 ohms		C213	200 uf 15v	283207	Q204	transistor 2N3440	572440
	5% 1 watt	116301	C214	200 uf 15v	283207	Q205	transistor 2N3440	572440
R231	300 ohms		C215	.001 uf 100v 10% disc	240102	Q206	transistor 2N3440	572440
	5% 1 watt	116301	C217	.001 uf 100v 10% disc	240102	Q207	transistor 2N5415	562415
R232	750 ohms		C219	.022 uf 100v 10%	264223	Q208	transistor BC308B	567070
	5% 2 watt	110751	C220	.022 uf 100v 10%	264223	Q209	transistor SE6020A	577021
R233	1,000 ohms		C301	.1 uf 100v 20% disc	224104	Q210	transistor SE6020A	577021
	5% 2 watt	110102				Q211	transistor BC308B	567070
R235	47 ohms					Q212	transistor TIP41C	577041
	5% 1/2 watt AB	103470	D201	silicon diode		Q213	transistor TIP41C	577041
R236	47 ohms			1N4148	543148	Q214	transistor TIP42C	567042
	5% 1/2watt AB	103470	D202	silicon diode		Q215	transistor TIP42C	567042
R237	47 ohms			1N4148	543148	S101	switch SPST lighted	
	5% 1/2 watt AB	103470	D203	silicon diode			rocker 15A	334022
R238	47 ohms			1N4148	543148	T101	power transformer	464026
	5% 1/2 watt AB	103470	D204	silicon diode		T102	power transformer	
R244	200,000 ohms	119204		1N4148	543148		international model	464030
R247	330,000 ohms	119334	D205	zener diode		TH101	thermostat 55°C	
R301	0.18 ohms			14v .4w 5%	540014		15A	342007
	3% 10 watt	120180	D206	silicon diode				
R302	0.18 ohms			1N4148	543148			
	3% 10 watt	120180						
R304	1,000 ohms							
	10% 5 watt	120107						