

PANEL #1

HEATER NO.	TO	CATHODE VOLTAGE	CN	AMP	WIRE GAUGE	LOAD RESISTORS	VOLTAGE DROP PER FOOT	VOLTAGE DROP PER FOOT
H1-1 ST4	5 TRANS.	-555	PX-6-116A SH8	1.6	14			
H1-2 ST2	2 6SN7	-555	PX-6-103	1.2	20	Series Load 2 W. 0.27Ω		
H2-1 ST2	6 TRANS.	-450	PX-6-116A SH8	9.0	14			
H2-2 ST5	2 TRANS.	-450	PX-6-116A SH8	3.0	16	Series Load 3 W. 0.27Ω		
H3-1 ST2	10 6SN7	-295	PX-6-103	6.0	16	4	0.17	0.03
H3-2 ST4	5 TRANS.	-295	PX-6-116A SH8	9.0	14			
H3-3 ST2	3 TRANS.	-295	PX-6-116A SH8	5.4	14			
H4 ST2	8 TRANS.	-130	PX-6-103 SAA8	7.6	16		0.10	0.01
H5 ST2	10 6L6	-85	PX-6-102	1.8	14		0.19	0.01
H6-1 ST2	10 6L6	0	PX-6-103	9.0	14		0.19	0.06
H6-2 ST2	10 6L6	0	PX-6-103	9.0	14		0.20	0.06
H6-3 ST2	4 TRANS.	0	PX-6-116A SH8	8.4	14			
H6-4 ST2	4 TRANS.	0	PX-6-116A SH8	8.4	14			
H7 ST2	9 6AC7	-360	PX-6-102	4.05	16		0.25	0.05
H8 ST2	8 6AC7	-360	PX-6-103	3.6	14		0.14	0.03
H9 ST2	1 6SA7	-320	PX-6-103	0.3	14	1		
H10 ST2	9 6L6	-235	PX-6-102	3.1	14		0.18	0.03
H11 ST2	8 6L6	-235	PX-6-103	7.2	14		0.22	0.02
H12 ST2	12 6V6	-245	PX-6-102	0.9	16		0.29	0.03
H13 ST2	3 6AC7	-245	PX-6-102	1.35	16			
H14 ST2	4 6L7	-105	PX-6-102	1.2	16		0.31	0.03
H15 ST2	8 6L6	-180	PX-6-103	7.2	14		0.19	0.01
H16 ST2	30 6SN7	+20	PX-6-101	9.0	10		0.16	0.04
H17 ST2	30 6SN7	+20	PX-6-101	9.0	10		0.16	0.06
H18 ST2	30 6SN7	+20	PX-6-101	9.0	10		0.13	0.06
H19 ST2	8 6L6	+20	PX-6-116A SAA8	7.2	14			
H20 ST2	5 6SA7	+20	PX-6-101	1.5	18			
H21 ST2	8 6L6	+20	PX-6-116A SAA8	7.2	14			
H22 ST2	5 6SA7	+20	PX-6-101	1.5	18		0.15	0.05
H23 ST2	10 6L6	+110	PX-6-101	9.0	10		0.20	0.02
H24 ST2	9 6L6	-180	PX-6-102	8.1	14		0.18	0.03
H25 ST2	10 6L6	-180	PX-6-105	9.0	10		0.30	0.06
H26 ST2	30 6L7	+500	PX-6-102	9.0	14		0.19	0.06
H27 ST2	21 6L7	-500	PX-6-103	6.3	14	4	0.13	0.03
H28 ST2	9 6L6	-280	PX-6-102	8.1	12		0.14	0.01
H29 ST2	2 6L6	+280	PX-6-103	1.8	18		0.14	0.03
H30 ST2	9 6L6	+280	PX-6-102	8.1	12		0.11	
H31 ST2	2 6L6	+280	PX-6-103	1.8	18			
H32 ST2	2 6L6	+280	PX-6-101	1.8	18			

PARALLEL LINES TO HEATERS AND WHICH SIDE HEATER IS AT D.C. VOLTAGE SHOWN ON PX-6-117

* DENOTES VOLTAGE TO WHICH HEATER IS TIED

* No. of 10-20W RESISTORS IN PARALLEL UNLESS OTHERWISE STATED.

PANEL #2

HEATER NO.	TO	CATHODE VOLTAGE	CN	AMP	WIRE GAUGE	LOAD RESISTORS	VOLTAGE DROP PER FOOT	VOLTAGE DROP PER FOOT
H20-1 ST1	30 6L7	+20	PX-6-116A SH8	9.0	12		0.21	0.07
H20-2 ST1	30 6L7	+20	PX-6-116A SH8	9.0	12		0.20	0.06
H20-3 ST1	30 6L7	+20	PX-6-116A SH8	9.0	12		0.21	0.07
H20-4 ST1	30 6L7	+20	PX-6-116A SH8	9.0	12		0.17	0.06
H20-5 ST1	30 6L7	+20	PX-6-116A SH8	9.0	12		0.15	0.09
H20-6 ST1	20 6L7	+20	PX-6-116A SH8	6.0	14		0.14	0.06
H31-1 ST2	10 6AC7	-360	PX-6-116A SH8	4.5	16		0.12	0.04
H32-1 ST2	10 6L6	-235	PX-6-102	3.1	14		0.09	0.04
H32-2 ST2	10 6L6	-235	PX-6-103	7.2	14		0.15	0.07
H32-3 ST2	10 6L6	-235	PX-6-103	7.2	14		0.14	0.04
H33-1 ST2	10 6L6	-180	PX-6-103	7.2	14		0.31	0.03
H33-2 ST2	10 6L6	-180	PX-6-103	7.2	14		0.31	0.03
H1-1 ST1	14 6SN7	-555	PX-6-108	8.4	14		0.30	0.04
H1-2 ST1	2 6V6	-555	PX-6-108	2.5	18		0.18	
H1-3 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-4 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-5 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-6 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-7 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-8 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-9 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-10 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-11 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-12 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-13 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-14 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-15 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-16 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-17 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-18 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-19 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-20 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-21 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-22 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-23 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-24 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-25 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-26 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-27 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-28 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-29 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-30 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-31 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-32 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-33 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-34 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-35 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-36 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-37 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-38 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-39 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-40 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-41 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-42 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-43 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-44 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-45 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-46 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-47 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-48 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-49 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-50 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-51 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-52 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-53 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-54 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-55 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-56 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-57 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-58 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-59 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-60 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-61 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-62 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-63 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-64 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-65 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-66 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-67 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-68 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-69 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-70 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-71 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-72 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-73 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-74 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-75 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-76 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-77 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-78 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-79 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-80 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-81 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-82 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-83 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-84 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-85 ST1	2 6V6	-555	PX-6-108	2.5	18			
H1-86 ST1	2 6V6	-555	PX-6-108	2.5	18			