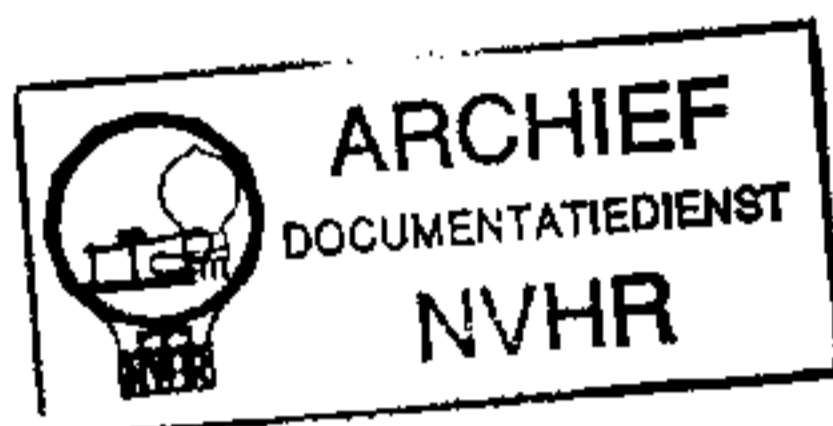


TUBE TESTER

MODEL TE-50 TUBE CHART

Ned. Ver. v. Historie v/d Radio



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MODEL TE-50 TUBE CHART

FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.			
KT66	D	2		5	30	2, 7	1C5	A	2		5	30	2, 7	1L4	A	2	5	65	1, 7	
KT88	D	2		5	30	2, 7	1C7	B	2		5	60	2, 7	1L6	A	1		4	65	1, 7
XXB	B	1	7	4	35	1, 8	1C8	A	4	1	2	60	4, 5	1LA4	A	1		6	60	1, 8
XXB	B	1	7	5	35	1, 8	1D5	B	2		T. C.	60	2, 7	1LA6	A	1		4	60	1, 8
XXD	E	1		4	35	1, 8	1D7	B	2		5	60	2, 7	1LB4	A	1		6	60	1, 8
XXD	E	1		5	35	1, 8	1D8	A	2		4	40	2, 7	1LB6	A	1		6	60	1, 8
XXFM	D	1		3	35	1, 8	1D8	A	2		B	100	2, 7	1LC5	A	1	3	6	60	1, 8
XXFM	D	1		5	100	1, 8	1D8	A	2		T. C.	40	2, 7	1LC6	A	1		4	60	1, 8
XXFM	D	1		6	100	1, 8	1DN5	A	1		6	60	1, 7	1LD5	A	1		4	100	1, 8
XXL	D	1		6	35	1, 8	1DN5	A	1		4	100	1, 7	1LD5	A	1		6	60	1, 8
X-155	D	4		2	40	4, 5	1E3	A	4	3	115)	60	4, 5	1LE3	A	1	5	6	60	1, 8
X-155	D	4		7	40	4, 5	1E4	A	2		3	60	2, 7	1LE4	A	1	7	6	60	1, 8
1A3	A	1	2, 5	6 (S)	10	1, 7	1E5	B	2		T. C.	35	2, 7	1LF4	A	1	7	6	60	1, 8
1A5	A	2		5	30	2, 7	1E7	B	2		4	35	2, 7	1LG4	A	1	5	6	60	1, 8
1A7	A	2		5	60	2, 7	1E7	B	2		5	35	2, 7	1LG5	A	B	5	6	80	1, 8
1AB5	A	1	8	3	35	1, 7	1E8	A	4		2	65	4, 5	1LH4	A	1		4	100	1, 8
1AB6	A	1		4	60	1, 7	1F5	B	2		5	30	2, 7	1LH4	A	1		6	60	1, 8
1AC5	A	4		2	60	4, 5	1F7	B	2		4	100	2, 7	1LN5	A	1	5	6	60	1, 8
1AC6	A	1		4	60	1, 7	1F7	B	2		5	100	2, 7	1M3	A	4	2	115)	100	4, 5
1AD5	A	4		2	60	4, 5	1F7	B	2		T. C.	40	2, 7	1N5	A	2		T. C.	60	2, 7
1AE4	A	7	4, 5	6	60	1, 7	1G3	A	2	1, 3, 5, 8	T. C. (S)	100	2, 7	1N6	A	2		5	60	2, 7
1AF4	A	7	5	6	60	1, 7	1G4	A	2		5	30	2, 7	1N6	A	2		6	100	2, 7
1AF5	A	1		3	100	1, 7	1G5	B	2		5	30	2, 7	1P5	A	2		T. C.	60	2, 7
1AF5	A	1		6	65	1, 7	1G6	A	2		4	30	2, 7	1Q5	A	2		5	30	2, 7
1AG4	A	3		4	60	3, 5	1G6	A	2		5	30	2, 7	1Q6	A	4		3	60	4, 5
1AG5	A	4		5	60	4, 6	1H2	A	2	1, 4, 5, 6, 8	T. C. (S)	100	2, 9	1Q6	A	4		6	100	4, 5
1AG5	A	4		3	60	4, 6														
1AH5	A	7	2	3	100	1, 7	1H4	B	2		5	60	2, 7							
1AH5	A	7	2	6	60	1, 7	1H5	A	2		5	100	2, 7	1R3	A	2	3	4	60	1, 7
1AJ4	A	7	4, 5	6	60	1, 7	1H5	A	2		T. C.	40	2, 7	1S2	A	1	4, 5, 6, 8, 9	T. C. (S)	100	1, 7
1AX2	A	1	4, 5, 6, 8, 9	T. C. (S)	100	1, 7	1H6	B	2		4	100	2, 7							
							1H6	B	2		5	100	2, 7	1S4	A	1	3, 6	3	40	1, 7
1B3	A	2	1, 3, 5, 8	T. C. (S)	100	2, 7	1H6	B	2		6	35	2, 7	1S5	A	1		3	100	1, 7
1B7	A	2		5	60	2, 7	1J3	A	2		T. C. (S)	60	2, 7	1S5	A	1		6	60	1, 7
1B8	A	2		5	30	2, 7	1J5	B	2		5	30	2, 7	1SA6	A	2		4	60	2, 7
1B8	A	2		8	100	2, 7	1J6	B	2		4	30	2, 7	1SB6	A	2		5	100	2, 7
1B8	A	2		T. C.	30	2, 7	1J6	B	2		5	30	2, 7	1SB6	A	2		8	35	2, 7
1C3	A	1	2	4	60	1, 7	1K3	A	2	1, 3, 5, 8	T. C. (S)	60	2, 7	1T4	A	7	5	6	60	1, 7
														1T5	A	2		5	60	2, 7

IMPORTANT NOTE: Asterisk () preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL. TUBE.	VOLTS.	F.	N.	P.	LOAD.	FIL. CONT.	FIL. TUBE.	VOLTS.	F.	N.	P.	LOAD.	FIL. CONT.	FIL. TUBE.	VOLTS.	F.	N.	P.	LOAD.	FIL. CONT.
1T6	A	4		3	60	4, 5	3A4	B	1	2, 5	4	30	1, 7	3D6	B	1	7	6	40	1, 8
1T6	A	4		6	100	4, 5	3A5	B	1	4	3	60	1, 7	3DK6	B	3		1	30	3, 4
					Reading of 15—O.K.		3A5	B	1	4	5	60	1, 7	3DT6	B	3		1	60	3, 4
1U4	A	7	5	6	60	1, 7	3AB	B	2	1	5	60	2, 7	3E5	B	1	5	6	60	1, 7
1U5	A	1		6	60	1, 7	3AB	B	2	1	8	100	2, 7	3E6	B	1	5	6	60	1, 7
1U5	A	1		4	100	1, 7	3AB	B	2	1	T.C.	60	2, 7	3EA5	B	4	7	1	20	3, 4
					Reading of 15—O.K.		3AF4	B	3	6, 7	2	60	3, 4	3EM7	B	4	1	8	10S	4, 5
1U6	A	1		4	60	1, 7	3AL5	B	3		2	25	3, 4	3ER5	B	4	7	2	15	3, 4
1V2	A	4	1, 2, 3, 6, 7, 8	9 (S)	100	4, 5	3AL5	B	3		7	25	3, 4	3ES5	B	3	1	5	50S	3, 4
1V5	A	4		2	65	4, 5	3AU6	B	3		1	30	3, 4	3FH5	B	3	1	2	25	3, 4
1W4	A	1		6	60	1, 7	3AV6	B	3		1	30	3, 4	3LE4	B	1	7	6	40	1, 8
1W5	A	4		2	65	4, 5	3AV6	B	3		5	100	3, 4	3LF4	B	1	7	6	40	1, 8
1X2	A	1	4, 5, 6, 8, 9	T.C.(S)	100	1, 2	3AV6	B	3		6	100	3, 4	3Q4	B	1	2, 5	3	35	1, 7
1Z2	A	1	2, 3, 4 5, 6	T.C.(S)	100	1, 7	3B2	B	2	1, 3, 5, 6, 8	T.C. (S)	100	2, 7	3Q5	B	2	8	5	40	2, 7
2A4G	B	2		3	60	2, 7	3B4	B	4	2, 6	3	30	4, 5	3S4	B	1	2, 5	3	40	1, 7
2AF4	B	3	6, 7	2	30	3, 4	3B5	B	2	8	5	40	2, 7	3V4	B	1	5	6	40	1, 7
2B3	A	2	1, 8	T.C.(S)	100	2, 7	3B7	B	1	4	3	60	1, 8	4A6	C	2	8	4	40	2, 7
2BN4	B	3	6, 7	2	30	3, 4	3B7	B	1	4	6	60	1, 8	4A6	C	2	8	5	40	2, 7
2C51	D	1	5	3	30	1, 9	3BA6	B	3		1	30	3, 4	4AU6	C	3		1	30	3, 4
2C51	D	1	5	7	30	1, 9	3BC5	B	3	2	1	30	3, 4	4AV6	*B	3		1	16	3, 4
2CY5	B	3	7	1	30	3, 4	3BE6	B	3		1	30	3, 4	4AV6	*B	3		5	30S	3, 4
2D21	C	4		1, 6	60	3, 4	3BN4	B	3	6, 7	2	30	3, 4	4AV6	*B	3		6	30S	3, 4
2E30	D	3	7	1	30	3, 4	3BN6	B	3		5 (S)	100	3, 4	4BA6	C	3		1	30	3, 4
2ER5	*A	4	7	2	10	3, 4	3BU6	B	3		1	35	3, 4	4B26	*B	3		6	25S	3, 4
2ES5	*A	3	1	5	50S	3, 4	3BU6	B	3		5	100	3, 4	4BC8	C	3	2	1	30	3, 4
2FH5	*A	3	1	2	25	3, 4	3BU6	B	3		6	100	3, 4	4BC8	C	4		2	30	4, 5
2FH5	*A	4	7	2	10	3, 4	3BU6	B	3		7	30	4, 5	4BC8	C	4		7	30	4, 5
2FQ5	*A	4		2	10	3, 4	3BY6	B	3		1	35	3, 4	4BE6	C	3		1	30	3, 4
2FS5	*A	4	7	1	12	3, 4	3BZ6	B	3		1	35	3, 4	4BN6	C	3		5 (S)	100	3, 4
2T4	B	3		1	60	3, 4	3C2	B	2	4, 5, 6, 8	T.C. (S)	100	2, 7	4BQ7	C	4		2	30	4, 5
2V2	B	2	4, 5, 6, 8	T.C.(S)	100	2, 7	3C4	B	1	5	6	30	1, 7	4BQ7	C	4		7	30	4, 5
2V3	B	2		T.C.(S)	100	2, 7	3C5	B	2	8	5	40	2, 7	4BS8	C	4		2	30	4, 5
3A2	B	1	4, 5, 6, 8, 9	T.C.(S)	100	1, 2	3CB6	B	3		1	30	3, 4	4BS8	C	4		7	30	4, 5
3A3	B	2	1, 3, 5, 8	T.C.(S)	100	2, 7	3CE5	B	3	2	1	30	3, 4	4BUR	C	4		7	30	4, 5
							3CF6	B	3		1	30	3, 4	4BX8	C	4		2	35	4, 5
							3CS6	B	3		1	30	3, 4	4BX8	C	4		7	35	4, 5
							3CYS	B	3	7	1	30	3, 4	4BZ6	C	3		1	30	3, 4
														4BZ7	C	4		2	30	4, 5

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the " LO " position.

FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
4BZ7	C	4		7	30	4, 5	*5AZ4	C	2		4	30	2, 8	5CQ8	C	4		8	30	4, 5
4BZ8	C	4		2	30	4, 5	*5AZ4	C	2		6	30	2, 8	SCR8	C	4		2	40	4, 5
4BZ8	C	4		7	30	4, 5	5B8	C	4		2	30	4, 5	SCR8	C	4		9	40	4, 5
4CB6	C	3		1	30	3, 4	5B8	C	4		6	30	4, 5	5CZ5	C	4	3, 8	6	30	4, 5
4CE5	C	3	2	1	30	3, 4	5BC8	C	4		2	35	4, 5	5DH8	C	4		1	30	4, 5
4CS6	C	3		1	30	3, 4	5BC8	C	4		7	35	4, 5	5DHB	C	4		9	30	4, 5
4CX7	C	4	9	2	30	4, 5	5BE6	C	3		1	30	3, 4	5EAB	C	4		2	30	4, 5
4CX7	C	4	9	7	30	4, 5	5BE8	C	4		1	30	4, 5	5EAB	C	4		9	30	4, 5
4CY5	C	3	7	1	30	3, 4	5BE8	C	4		9	30	4, 5	5EMB	C	4	6	2	40	4, 5
4DE6	C	3		1	35	3, 4	5BK5	C	4	7	3	35	4, 5	5EH8	C	4	6	7	40	4, 5
4DK6	C	3		1	30	3, 4	5BK7	C	4		2	35	4, 5	5ES8 *B	4	8	1	20S	4, 5	
4DT6	C	3		1	60	3, 4	5BK7	C	4		7	35	4, 5	5ES8 *B	4	3	6	20S	4, 5	
4EH7 *B	4		1	8	10S	4, 5	5BQ7	C	4		2	30	4, 5	*5EW6 *B	3		1	11	3, 4	
4ES8 *B	4		8	2	15	4, 5	5BQ7	C	4		7	30	4, 5	5FV8 *B	4	8	2S	25S	4, 5	
4ES8 *B	4		3	7	15	4, 5	5BR8	C	4		1	60	4, 5	5FV8 *B	4	3	7S	20S	4, 5	
4GS8 *B	4			2S	40S	4, 5	5BR8	C	4		9	30	4, 5	5GHB *B	4	8	3S	25S	4, 5	
5A6	C	4	3, 9	7	30	4, 5	5BS8	C	4		2	35	4, 5	5GHB *B	4	7	1S	30S	4, 5	
5AM8	C	4		2	30	4, 5	5BS8	C	4		7	35	4, 5	5GM6 *B	4		6S	22S	3, 4	
5AM8	C	4		8	30	4, 5	5BT8	C	4		1	100	4, 5	5J6	C	3		5	30	3, 4
5AN8	C	4		2	30	4, 5	5BT8	C	4		2	100	4, 5	5J6	C	3		6	30	3, 4
5AN8	C	4		8	30	4, 5	5BT8	C	4		8	30	4, 5	*5R4	C	2		4	30	2, 8
5AQ5	C	3	7	1	35	3, 4	5BW8	C	4		6	40	4, 5	*5R4	C	2		6	30	2, 8
*5AR4	C	2	1	4	40	2, 8	5BW8	C	4		1	100	4, 5	*5T4	C	2		4	30	2, 8
*5AR4	C	2	1	6	40	2, 8	5BW8	C	4		3	100	4, 5	*5T4	C	2		6	30	2, 8
*5AS4	C	2		4	30	2, 8	5BZ7	C	4		2	30	4, 5	5T8	C	4		1	100	4, 5
*5AS4	C	2		6	30	2, 8	5BZ7	C	4		7	30	4, 5	5T8	C	4		2	100	4, 5
5AS8	C	4		2	30	4, 5	5CB8	C	4		2	35	4, 5	5T8	C	4		6	100	4, 5
5AS8	C	4		6	30	4, 5	5CB8	C	4		7	35	4, 5	5T8	C	4		8	30	4, 5
5AT8	C	4		1	30	4, 5	5CG8	C	4	8	1	30	4, 5	*5U4	C	2		4	25	2, 8
5AT8	C	4		9	30	4, 5	5CG8	C	4	8	9	30	4, 5	*5U4	C	2		6	25	2, 8
*5AU4	C	2		4	25	2, 8	5CLB	C	4		1	30	4, 5	5U8	C	4		2	30	4, 5
*5AU4	C	2		6	25	2, 8	5CL8	C	4		9	30	4, 5	5U8	C	4		9	30	4, 5
5AV8	C	4		2	30	4, 5	5CLB	C	4	8	1	15	4, 5	*5V3	C	2		4	30	2, 8
5AV8	C	4		6	30	4, 5	5CL8	C	4	3	7	20	4, 5	*5V3	C	2		6	30	2, 8
*5AW4	C	2		4	30	2, 8	5CM6	C	4	6	3	30	4, 5	*5V4	C	2		4	30	2, 8
*5AW4	C	2		6	30	2, 8	5CM8	C	4		2	30	4, 5	*5V4	C	2		6	30	2, 8
*5AX4	C	2		4	25	2, 8	5CM8	C	4		9	30	4, 5	5V6	C	2		5	30	2, 7
*5AX4	C	2		6	25	2, 8	5CQ8	C	4		2	30	4, 5	*5W4	C	2		4	30	2, 8

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.					FIL.					FIL.										
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
*5W4	C	2		6	30	2, 8	6AF4	D	3	1, 2	6	60	3, 4	6AN6	D	1		2	100	1, 7
*5X4	C	7		3	25	7, 8	6AF5	D	2		5	30	2, 7	6AN6	D	1		3	100	1, 7
*5X4	C	7		5	25	7, 8	6AF6	D	2				2, 7	6AN6	D	1		4	100	1, 7
5XB	C	4		2	35	4, 5								6AN6	D	1		5	100	1, 7
5XB	C	4		7	35	4, 5								6AN7	D	4		2	30	4, 5
*5Y3	C	2		4	30	2, 8								6AN7	D	4		9	30	4, 5
*5Y3	C	2		6	30	2, 8	6AF7	D	2		3	60	2, 7	6AN8	D	4		2	30	4, 5
*5Y4	C	7		3	30	7, 8	6AF7	D	2		6	60	2, 7	6AN8	D	4		8	30	4, 5
*5Y4	C	7		5	30	7, 8	6AG5	D	3	2	1	30	3, 4	6AQ4	D	3	5, 6	1	35	3, 4
*5Z4	C	2		4	30	2, 8	6AG6	D	7		5	30	7, 8	6AQ5	D	3	7	1	30	3, 4
*5Z4	C	2		6	30	2, 8	6AG7	D	2		4	30	2, 7	6AQ6	D	3		1	30	3, 4
6A8	D	2		5	30	2, 7	6AH4	D	2		1	30	2, 7	6AQ6	D	3		5	100	3, 4
6AB4	D	3		6	30	3, 4	6AH5	D	2		6	30	2, 7	6AQ6	D	3		6	100	3, 4
6AB7	D	2		4	30	2, 7	6AH6	D	3		1	30	3, 4	6AQ7	D	7		1	100	7, 8
6AB8	D	4		2	30	4, 5	6AH7	D	7		1	30	7, 8	6AQ7	D	7		3	100	1, 8
6AB8	D	4		9	30	4, 5	6AH7	D	7		5	30	7, 8	6AQ7	D	7		4	30	7, 8
6AC5	D	2		5	30	2, 7	6AJ4	D	7	3, 4, 6, 9	1	30	7, 8	6AQ8	D	4		2	30	4, 5
6AC6	D	2		5	30	2, 7	6AJ5	D	3	7	1	30	3, 4	6AQ8	D	4		7	30	4, 5
6AC7	D	2		4	30	2, 7	6AJ7	D	2		4	30	2, 7	6AR5	D	3		1	60	3, 4
6AD4	D	2		1	30	2, 7	6AJ8	D	4		2	30	4, 5	6AR6	D	6		7	30	6, 8
6AD5	D	2		5	30	2, 7	6AJ8	D	4		9	30	4, 5	6AR8	D	4		6	30	4, 5
6AD6	D	2				2, 7	6AK5	D	3	7	1	30	3, 4	6AS5	D	3	2	5	60	3, 4
							6AK6	D	3		1	30	3, 4	6AS6	D	3		1	30	3, 4
							6AK7	D	2	3	4	30	2, 7	6AS7	D	7		1	30	7, 8
							6AK8	D	4		2	100	4, 5	6AS7	D	7		4	30	7, 8
							6AK8	D	4		6	100	4, 5	6AS8	D	4		2	30	4, 5
							6AK8	D	4		8	30	4, 5	6AS8	D	4		6	30	4, 5
							6AL3	C	4	1, 6, 7, 8, 9	3	20	4, 5	6AT6	D	3		1	30	3, 4
							6AL5	D	3		2	25	3, 4	6AT6	D	3		5	100	3, 4
							6AL5	D	3		7	25	3, 4	6AT6	D	3		6	100	3, 4
							6AL6	D	2		5	30	2, 7	6AT8	D	4		1	35	4, 5
							6AL7	D	2		1	100	2, 7	6AT8	D	4		9	35	4, 5
							6AM4	D	7	3, 4, 6, 9	1	30	7, 8	6AU4	D	7		5	30	7, 8
							6AM5	D	3		1	35	3, 4	6AU5	D	2		1	30	2, 7
							6AM8	D	4		2	30	4, 5	6AU6	D	3		1	30	3, 4
							6AM8	D	4		8	100	4, 5	6AU7	D	4	9	2	30	4, 5
							6AN4	D	3	1, 2	6	30	3, 4	6AU7	D	4	9	7	30	4, 5
							6AN5	D	3	2	1	30	3, 4	6AU8	D	4		2	30	4, 5

Shadows Open—5 (S)
Shadows Close—8 (S)
Disregard Meter Reading

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.					FIL.					FIL.										
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
6AU8	D	4		7	30	4, 5	6BC7	D	4		8	100	4, 5	6BL4	D	7	1, 2, 4, 6	5	30	7, 8
6AV4	D	3		1	30	3, 4	6BC8	D	4		2	30	4, 5	6BL7	D	7		1	30	7, 8
6AV4	D	3		6	30	3, 4	6BC8	D	4		7	30	4, 5	6BL7	D	7		4	30	7, 8
6AV5	D	2		1	30	2, 7	6BD4	D	2		5(S)	100	2, 7	6BL8	C	4	7	15	205	4, 5
6AV6	D	3		1	30	3, 4	6BD5	D	2		1	30	2, 7	6BL8	C	4	8	35	705	4, 5
6AV6	D	3		5	100	3, 4	6BD6	D	3		1	30	3, 4	6BM5	D	3		7	30	3, 4
6AV6	D	3		6	100	3, 4	6BD7	D	4		2	30	4, 5	6BM8	D	4		1	35	4, 5
6AW6	D	3		1	35	3, 4	6BD7	D	4		6	100	4, 5	6BM8	D	4		3	35	4, 5
6AW8	D	4		2	30	4, 5	6BD7	D	4		8	100	4, 5	6BN4	D	3	6, 7	2	30	3, 4
6AW8	D	4		7	30	4, 5	6BE6	D	3		1	30	3, 4	6BN5	D	4		2	35	4, 5
6AX4	D	7		5	30	7, 8	6BE7	D	4		7	30	4, 5	6BN6	D	3		5(S)	100	3, 4
6AX5	D	2		3	30	2, 7	6BE8	D	4		1	30	4, 5	6BN7	D	4		2	30	4, 5
6AX5	D	2		5	30	2, 7	6BE8	D	4		9	30	4, 5	6BN7	D	4		7	30	4, 5
6AX6	D	2		3	30	2, 7	6BF5	D	3	7	1	30	3, 4	6BN8	D	4		1	100	4, 5
6AX6	D	2		5	30	2, 7	6BF6	D	3		1	35	3, 4	6BN8	D	4		6	100	4, 5
6AX7	D	4	9	2	30	4, 5	6BF6	D	3		5	100	3, 4	6BN8	D	4		8	30	4, 5
6AX7	D	4	9	7	30	4, 5	6BF6	D	3		6	100	3, 4	6BQ6	D	2		5	30	2, 7
6AX8	D	4		2	35	4, 5	6BG6	D	2		5	30	2, 7	6BQ5	D	4	1, 6, 8	2	35	4, 5
6AX8	D	4		9	35	4, 5	6BH5	D	4		2	30	4, 5	6BQ7	D	4		2	30	4, 5
6AZ8	D	4		6	30	4, 5	6BH6	D	3		1	30	3, 4	6BQ7	D	4		7	30	4, 5
6AZ8	D	4		9	30	4, 5	6BH8	D	4		2	30	4, 5	6BR5	D	4		1	30	4, 5
6B4	D	2		5	30	2, 7	6BH8	D	4		7	30	4, 5	6BR7	D	4	1	2	30	4, 5
6B6	D	2		T. C.	30	2, 7	6BJ5	D	3		1	35	3, 4	6BR8	D	4		1	60	4, 5
6B6	D	2		4	100	2, 7	6BJ6	D	3		1	60	3, 4	6BR8	D	4		9	30	4, 5
6B6	D	2		5	100	2, 7	6BJ7	D	4		2	100	4, 5	6BS5	D	4	7, 8	2	30	4, 5
6B8	D	2		T. C.	30	2, 7	6BJ7	D	4		6	100	4, 5	6BS7	D	4	1	2	30	4, 5
6B8	D	2		4	100	2, 7	6BJ7	D	4		8	100	4, 5	6BS8	D	4		2	30	4, 5
6B8	D	2		5	100	2, 7	6BJ8	D	4		1	100	4, 5	6BS8	D	4		7	30	4, 5
6BA6	D	3		1	30	3, 4	6BJ8	D	4		6	100	4, 5	6BT6	D	3		1	30	3, 4
6BA7	D	4	8	2	30	4, 5	6BJ8	D	4		8	35	4, 5	6BT6	D	3		5	100	3, 4
6BA8	D	4		2	30	4, 5	6BK4	D	2	3, 4, 6, 8	5	30	2, 7	6BT6	D	3		6	100	3, 4
6BA8	D	4		7	30	4, 5	6BK5	D	4	7	3	30	4, 5	6BT8	D	4		1	100	4, 5
6BC4	D	4	3, 7, 8, 9	2	30	4, 5	6BK6	D	3		1	30	3, 4	6BT8	D	4		2	100	4, 5
6BC5	D	3	2	1	30	3, 4	6BK6	D	3		5	100	3, 4	6BT8	D	4		8	30	4, 5
6BC6	D	3		1	30	3, 4	6BK6	D	3		6	100	3, 4	6BU5	D	7	6	4	30	7, 8
6BC7	D	4		2	100	4, 5	6BK7	D	4		2	30	4, 5	6BU6	D	3		1	30	3, 4
6BC7	D	4		6	100	4, 5	6BK7	D	4		7	30	4, 5	6BU6	D	3		5	100	3, 4

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the " LO " position.

FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.			
6BU6	D	3		6	100	3, 4	6CA4	C	4		1	20	4, 5	6CN7	D	4	9	2	100	4, 5
6BU8	D	4		7	30	4, 5	6CA4	C	4		7	20	4, 5	6CN7	D	4	9	7	35	4, 5
6BV7	D	4	9	1	100	4, 5	6CA4	D	4	2, 6, 8, 9	1	30	4, 5	6CQ6	D	3		1	30	3, 4
6BV7	D	4	9	6	100	4, 5	6CA4	D	4	2, 6, 8, 9	7	30	4, 5	6CQ8	C	4	7	1S	30S	4, 5
6BV7	D	4	9	8	35	4, 5	6CA5	D	3	5	2	30	3, 4	6CQ8	C	4	8	3S	30S	4, 5
6BV8	D	4		2	30	4, 5	6CA7	EL34	C	2		155	2, 7	6CR6	D	3		2	100	3, 4
6BV8	D	4		6	100	4, 5	6CA7	D	2		5	30	4, 7	6CR6	D	3		7	35	3, 4
6BV8	D	4		9	100	4, 5	6CB5	D	2	1, 5, 6	4	30	2, 7	6CR8	D	4		2	30	4, 5
6BW4	C	4		7	45	4, 5	6CB6	D	3		1	30	3, 4	6CR8	D	4		9	30	4, 5
6BW4	D	4		1	35	4, 5	6CD6	D	2		5	30	2, 7	6CS5	D	4	6, 8	3	40	4, 5
6BW4	D	4		7	35	4, 5	6CE5	D	3	2	1	30	3, 4	6CS6	D	3		1	30	3, 4
6BW6	D	4	1	2	30	4, 5	6CF6	D	3		1	30	3, 4	6CS7	D	4		3	30	4, 5
6BW7	D	4	3	2	30	4, 5	6CG6	D	3		1	30	3, 4	6CS7	D	4		7	30	4, 5
6BW8	D	4		6	35	4, 5	6CG7	D	4		2	30	4, 5	6CS8	D	4		2	30	4, 5
6BW8	D	4		1	100	4, 5	6CG7	D	4		7	30	4, 5	6CS8	D	4		9	30	4, 5
6BW8	D	4		3	100	4, 5	6CG8	D	4	8	1	30	4, 5	6CU5	D	3	5	2	30	3, 4
6BX4	D	3		1(S)	15	3, 5	6CG8	D	4	8	9	30	4, 5	6CU6	D	2		5	30	2, 7
6BX4	D	3		6(S)	15	3, 4	6CH6	D	4	1	2	30	4, 5	6CUB	C	4	1	7	15	4, 5
6BX6	D	4	* 1	2	30	4, 5	6CH7	D	4	9	2	30	4, 5	6CUB	C	4	1	3S	35S	4, 5
6BX7	D	7		1	30	7, 8	6CH7	D	4	9	7	30	4, 5	6CX7	D	4	9	2	30	4, 5
6BX7	D	7		4	30	7, 8	6CH8	D	4		7	35	4, 5	6CX7	D	4	9	7	30	4, 5
6BX8	D	4		2	35	4, 5	6CH8	D	4		8	35	4, 5	6CX8	D	4		2	30	4, 5
6BX8	D	4		7	35	4, 5	6CJ6	D	4	1, 6, 7	2	30	4, 5	6CX8	D	4		7	30	4, 5
6BY5	D	2		4	30	2, 7	6CK4	D	2	1	3	30	2, 7	6CW5	D	4	1, 6, 8	2	30	4, 5
6BY5	D	2		5	30	2, 7	6CK6	D	4		2	30	4, 5	6CY5	D	3	7	1	30	3, 4
6BY6	D	3		1	35	3, 4	6CL5	D	2	1, 3, 4	5	30	2, 7	6CY7	D	4		3	30	4, 5
6BY7	D	4	1	2	35	4, 5	6CL6	D	4	8, 9	2	30	4, 5	6CY7	D	4		7	30	4, 5
6BY8	D	4		1	30	4, 5	6CL6	C	4	3P	2	20	4, 5	6CZ5	D	4	3, 8	6	35	4, 5
6BY8	D	4		6	100	4, 5	6CL8	D	4		1	30	4, 5	6D4	D	3		1	30	3, 4
6BZ6	D	3		1	30	3, 4	6CL8	D	4		9	30	4, 5	6D8	D	2		5	30	2, 7
6BZ7	D	4		2	35	4, 5	6CL8	C	4	8	1	15	4, 5	6DA6	D	4	1	2	35	4, 5
6BZ7	D	4		7	35	4, 5	6CL8	C	4	3	7	30	4, 5	6DB6	D	3		1	30	3, 4
6BZ8	D	4		2	40	4, 5	6CM6	D	4	6	3	30	4, 5	6DC6	D	3		1	30	3, 4
6BZ8	D	4		7	40	4, 5	6CM7	D	4		7	30	4, 5	6DE4	D	7	2	5	35	7, 8
6C4	D	3	2, 5	6	35	3, 4	6CM7	D	4		8	30	4, 5	6DE6	D	3		1	30	3, 4
6C5	D	2		5	35	2, 7	6CMB	D	4		2	30	4, 5	6DE6	C	3		1	15	3, 4
6C8	D	2		5	30	2, 7	6CM8	D	4		9	35	4, 5	6DE7	C	4	28	1	10S	4, 5
6C8	D	2		T.C.	30	2, 7	6CN7	D	4	9	1	100	4, 5	6DE7	C	4	29	7	50	4, 5

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FIL.					FIL.					FIL.					FIL.												
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
6DG6	D	2		5	30	2, 7	6EH5	D	3	5	2	35	3, 4	6FG6	D	4	2, 8	1	100	4, 5							
6DJ8	D	4		2	35	4, 5	6EH5	C	3	2	6	15 S	3, 4	6FH5	C	3	1	2	25	3, 4							
6DJ8	D	4		7	35	4, 5	6EH7	C	4	1	8	10 S	4, 5	6FH6	D	2		5	30	2, 7							
6DK6	D	3		1	30	3, 4	6EH8	D	4	6	2	40	4, 5	6FHB	C	4		2	30	4, 5							
6DN6	C	2		8	10 S	2, 7	6EH8	D	4	6	7	40	4, 5	6FHB	C	4		6	35	4, 5							
6DN7	D	7		1	35	7, 8	6EM5	D	4	6, 8	3	30	4, 5	6FM8	C	4	37	6	15	4, 5							
6DN7	D	7		4	35	7, 8	6EM7	C	7	6	2	10 S	7, 8	6FM8	C	4	17	2	20	4, 5							
6DQ5	D	2	3, 4, 5	1	30	2, 7	6EM7	C	7	3	4	30	7, 8	6FM8	C	4	13	8	30	4, 5							
6DQ6	D	2		5	30	2, 7	6EQ7	C	4		6	60 S	4, 5	6FQ7	C	4	8	1	50 S	4, 5							
6DR7	C	4	28	1	80	4, 5	6EQ7	C	4		8	80 S	4, 5	6FQ7	C	4	3	6	80 S	4, 5							
6DR7	C	4	29	7	30	4, 5	6ER5	C	3	1	5	20	3, 4	6FS5	C	3	2	1	15	3, 4							
6DS5	D	3	7	1	30	3, 4	6ES5	C	3	1	5	50 S	3, 4	6FW5	C	2		8	10 S	2, 7							
6DS5	C	3	1	6 S	20 S	3, 4	6ES8	C	4	8	1	20 S	4, 5	6FY5	C	3	1	5	20	3, 4							
6DT5	C	4	3	1 S	20 S	4, 5	6ES8	C	4	3	6	20 S	4, 5	6G6	D	2		5	30	2, 7							
6DT5	D	4	6, 8	3	30	4, 5	6ET7	C	4	6	2	40 S	4, 5	6G7	D	2		T.C.	30	2, 4							
6DT6	D	3		1	60	3, 4	6ET7	C	4	6	3	30 S	4, 5	6GH8	C	4	8	3	40 S	4, 5							
6DT8	D	4		2	35	4, 5	6ET7	C	4	1	8	21 S	4, 5	6GH8	C	4	7	1	35 S	4, 5							
6DT8	D	4		7	35	4, 5	6EU8	C	4	8	3	30 S	4, 5	6GK5	C	3	1	5	20	3, 4							
6DT8	C	4	8	2	18	4, 5	6EV7	C	4	8	2	20	4, 5	6GK6	C	4	9	8	20	4, 5							
6DT8	C	4	3	7	20	4, 5	6EV7	C	4	3	7	20	4, 5	6GM6	C	3		6	40 S	3, 4							
6DW5	C	4	3	1 S	10	4, 5	6EW6	D	3		1	40	3, 4	6GW6	C	2		5	20	2, 7							
6DW5	D	4	3	6	30	4, 5	6EW7	C	4	28	1	10 S	4, 5	6GY6	C	3	8	6	35 S	3, 4							
6DR7	D	4	3	2	35	4, 5	6EW7	C	4	29	6	95 S	4, 5	6GY8	C	4	78	1	30	4, 5							
6DR7	D	4	3	7	35	4, 5	6EY6	C	2		4	15 S	2, 7	6GY8	C	4	7	3	30	4, 5							
6DZ7	C	2		1	20	2, 7	6EZ5	C	2	5	4	15	2, 7	6GY8	C	4	8	6	35	4, 5							
6DZ7	C	2		5	20	2, 7	6EZ8	C	4		2	40	4, 5	6H4	D	2		4	100	2, 7							
6E8	D	2		5	30	2, 7	6EZ8	C	4	1	7	40	4, 5	6H6	D	2		3	30	2, 7							
6EA5	C	3	2	6 S	35 S	3, 4	6EZ8	C	4	1	9	40	4, 5	6H6	D	2		5	30	2, 7							
6EA7	C	7	6	2 S	10 S	7, 8	6F5	D	2		T.C.	35	2, 7	6H7	D	2		5	30	2, 7							
6EA7	C	7	3	4	35	7, 8	6F6	D	2		5	30	2, 7	6H7	D	2		T.C.	30	2, 7							
6EA8	D	4		2	35	4, 5	6F8	D	2		5	30	2, 7	6H8	D	2		4	100	2, 7							
6EA8	D	4		9	35	4, 5	6F8	D	2		T.C.	30	2, 7	6H8	D	2		5	100	2, 7							
6Eb5	C	3	1	2	85	3, 4	6FA7	C	4		7	35	3, 4	6H8	D	2		T.C.	35	2, 7							
6EB5	C	3	5	7	85	3, 4	6FA7	C	4		3	20 S	3, 4	6J4	D	3	5, 6	1	35	3, 4							
6EB8	D	4		2	35	4, 5	6FG5	C	3	2	1	15	3, 4	6J5	D	2		5	30	2, 7							
6EB8	D	4		7	35	4, 5	6FG6	D	4	2, 8	1 (S)	100	4, 5	6J6	D	3		5	30	3, 4							
6EF6	D	2		5	30	2, 7																					

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FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
6J6	D	3		6	30	3, 4	6R6	D	2		T.C.	30	2, 7	6SQ7	D	7		5	100	7, 8
6J7	D	2		T.C.	30	2, 7	6R7	D	2		4	100	2, 7	6SR7	D	7		2	30	7, 8
6J8	D	2		5	75	2, 7	6R7	C	2		5	100	2, 7	6SR7	D	7		4	100	7, 8
6J8	D	2		T.C.	40	2, 7	6R7	D	2		T.C.	30	2, 7	6SR7	D	7		5	100	7, 8
6K5	D	2		T.C.	35	2, 7	6R8	D	4		1	65	4, 5	6SS7	D	2		4	30	2, 7
6K6	D	2		5	30	2, 7	6R8	D	4		2	65	4, 5	6ST7	D	7		2	30	7, 8
6K7	D	2		T.C.	30	2, 7	6R8	D	4		6	65	4, 5	6ST7	D	7		4	100	7, 8
9K8	D	2		5	35	2, 7	6R8	D	4		8	35	4, 5	6ST7	D	7		5	100	7, 8
6L5	D	2		5	35	2, 7	6S2	D	2	1, 4, 5,	T.C.(S)	35	2, 9	6SU7	D	7		1	30	7, 8
6L6	D	2		5	30	2, 7				6, 8			6SU7	D	7		4	30	7, 8	
6L7	D	2		T.C.	35	2, 7	6S4	D	4	1, 3, 7, 8	6	30	4, 5	6SV7	D	7		2	30	7, 8
6M5	D	4		2	35	4, 5	6S5	D	2		4	30	2, 7	6SV7	D	7		5	100	7, 8
6M6	D	2		5	30	2, 7	6S6	D	2		T.C.	35	2, 7	6SZ7	D	7		2	30	7, 8
6M7	D	2		3	35	2, 7	6S7	D	2		T.C.	35	2, 7	6SZ7	D	7		4	100	7, 8
6M8	D	2		5	35	2, 7	6S8	D	7		1	100	7, 8	6SZ7	D	7		5	100	7, 8
6M8	D	2		8	100	2, 7	6S8	D	7		3	100	7, 8	6T4	D	3	6, 7	2	35	3, 4
6M8	D	2		T.C.	35	2, 7	6S8	D	7		4	100	7, 8	6T6	D	2		T.C.	35	2, 7
6N4	D	3	6, 7	1	30	3, 4	6S8	D	7		T.C.	35	7, 8	6T7	D	2		4	100	2, 7
6N6	D	2		5	30	2, 7	6SA7	D	2		5	35	2, 7	6T7	D	2		5	100	2, 7
6N7	D	2		4	30	2, 7	6SB7Y	D	2		5	35	2, 7	6T7	D	2		T.C.	35	2, 7
6N7	D	2		5	30	2, 7	6SC7	D	7		3	30	7, 8	6T8	D	4		1	100	4, 5
6N8	D	4		2	30	4, 5	6SC7	D	7		4	30	7, 8	6T8	D	4		2	100	4, 5
6N8	D	4		7	100	4, 5	6SD7	D	2		4	30	2, 7	6T8	D	4		6	100	4, 5
6N8	D	4		8	100	4, 5	6SE7	D	2		4	30	2, 7	6T8	D	4		8	30	4, 5
6P5	D	2		5	30	2, 7	6SF5	D	7		3	35	7, 8	6U3	D	4	1, 2, 6, 7, 8	P.S.	35	4, 5
6P7	D	2		7	30	2, 7	6SF7	D	7		2	30	7, 8	6U4	D	7		5	30	7, 8
6P7	D	2		T.C.	30	2, 7	6SF7	D	7		5	100	7, 8	6U4	D	7				
6P8	D	2		5	30	2, 7	6SG7	D	2	3	4	30	2, 7	6U4	D	7				
6P8	D	2		T.C.	30	2, 7	6SH7	D	2	5	4	30	2, 7	EZ80	C	4		1	30	4, 5
6Q4	D	4	1, 2, 7	8	35	4, 5	6SJ7	D	2		4	30	2, 7	6U4	D	7				
6Q5	D	2		5	30	2, 7	6SK7	D	2		4	30	2, 7	EZ80	C	4		7	30	4, 5
6Q6	D	2		5	100	2, 7	6SL7	D	7		1	30	7, 8	6U6	D	2		5	30	2, 7
6Q6	D	2		T.C.	35	2, 7	6SL7	D	7		4	30	7, 8	6U7	D	2		T.C.	30	2, 7
6Q7	D	2		4	100	2, 7	6SN7	D	7		1	30	7, 8	6U8	D	4		2	30	4, 5
6Q7	D	2		5	100	2, 7	6SN7	D	7		4	30	7, 8	6U8	D	4		9	30	4, 5
6Q7	D	2		T.C.	35	2, 7	6SQ7	D	7		2	30	7, 8	6V3	D	4	7, 9	2	30	4, 5
6R4	D	4		1	35	4, 5	6SQ7	D	7		4	100	7, 8	6V4	D	4	2, 6, 8, 9	7	35	4, 5

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
6V4	D	4	2, 6, 8, 9	1	35	4, 5	7A7	D	1		6	35	1, 8	7F7	D	1		5	30	1, 8
6V5	D	7		5	30	7, 8	7A8	D	1		4	35	1, 8	7F8	D	2		1	35	2, 7
6V6	D	2		5	30	2, 7	7AB7	D	2	4, 6	5	35	2, 7	7F8	D	2		8	35	2, 7
6V7	D	2		4	100	2, 7	7AD7	D	1		6	30	1, 8	7G7	D	1		6	30	1, 8
6V7	D	2		5	100	2, 7	7AF7	D	1		4	30	1, 8	7G8	D	1		4	30	1, 8
6V7	D	2		T.C.	35	2, 7	7AF7	D	1		5	30	1, 8	7G8	D	1		5	30	1, 8
6V8	D	4		2	100	4, 5	7AG	D	1	5	6	30	1, 8	7H7	D	1		6	35	1, 8
6V8	D	4		6	35	4, 5	7AH7	D	1		6	35	1, 8	7J7	D	1		4	35	1, 8
6V8	D	4		7	100	4, 5	7AJ7	D	1		6	35	1, 8	7J7	D	1		6	35	1, 8
6V8	D	4		9	100	4, 5	7AK7	D	1		6	35	1, 8	7K7	D	1		4	35	1, 8
6W4	D	7		5	35	7, 8	7AN7	D	4		2	35	4, 5	7K7	D	1		5	100	1, 8
6W5	D	2		3	35	2, 7	7AN7	D	4		6	35	4, 5	7K7	D	1		6	100	1, 8
6W5	D	2		5	35	2, 7	7AU7	D	4	9	2	30	4, 5	7L7	D	1		6	35	1, 8
6W6	D	2		5	30	2, 7	7AU7	D	4	9	7	30	4, 5	7N7	D	1		4	30	1, 8
6W7	D	2		T.C.	35	2, 7	7B4	D	1		6	35	1, 8	7N7	D	1		5	30	1, 8
6X2	D	1		T.C.(S)	100	1, 2	7B5	D	1		6	30	1, 8	7Q7	D	1		4	35	1, 8
				(Use In-Line Socket)			7B6	D	1	4	3	35	1, 8	7R7	D	1		3	100	1, 8
6X4	D	3		1	30	3, 4	7B6	D	1	4	5	100	1, 8	7R7	D	1		4	100	1, 8
6X4	D	3		6	30	3, 4	7B6	D	1	4	6	100	1, 8	7R7	D	1		6	35	1, 8
6X5	D	2		3	30	2, 7	7B7	D	1		6	35	1, 8	7S7	D	1		4	35	1, 8
6X5	D	2		5	30	2, 7	7B8	D	1		4	35	1, 8	7S7	D	1		6	35	1, 8
6X6	D	2		4	30	2, 7	7C4	D	1		4	60	1, 8	7T7	D	1		6	35	1, 8
6X8	D	4		2	35	4, 5	7C5	D	1		6	30	1, 8	7V7	D	1		6	35	1, 8
6X8	D	4		7	35	4, 5	7C6	D	1	4	3	35	1, 8	7W7	D	1	7	6	35	1, 8
6Y3	D	2		T.C.(S)	30	2, 7	7C6	D	1	4	5	100	1, 8	7X6	D	1		3	30	1, 8
6Y6	D	2		5	30	2, 7	7C6	D	1	4	6	100	1, 8	7X6	D	1		6	30	1, 8
6Y7	D	2		4	30	2, 7	7C7	D	1		6	35	1, 8	7X7	D	1		3	35	1, 8
6Y7	D	2		5	30	2, 7	7D7	D	1		4	30	1, 8	7X7	D	1		5	100	1, 8
6Z6	D	2		3	30	2, 7	7D7	D	1		6	30	1, 8	7X7	D	1		6	100	1, 8
6Z6	D	2		5	30	2, 7	7E5	D	2	3, 4, 5	1	30	2, 8	7Y4	D	1		3	30	1, 8
6Z7	D	2		4	35	2, 7	7E6	D	1	4	3	35	1, 8	7Y4	D	1		6	30	1, 8
6Z7	D	2		5	35	2, 7	7E6	D	1	4	5	100	1, 8	7Z4	D	1		3	30	1, 8
6ZY5	D	2		3	30	2, 7	7E6	D	1	4	6	100	1, 8	7Z4	D	1		6	30	1, 8
6ZY5	D	2		5	30	2, 7	7E7	D	1		3	100	1, 8	*8A8	D	4		2	40	4, 5
7A4	D	1		6	35	1, 8	7E7	D	1		4	100	1, 8	*8A8	D	4		9	40	4, 5
7A5	D	1		6	30	1, 8	7E7	D	1		6	35	1, 8	*8AU8	D	4		2	30	4, 5
7A6	D	1		3	35	1, 8	7EY6	D	2		5	30	2, 7	*8AU8	D	4		7	30	4, 5
7A6	D	1		6	35	1, 8	7F7	D	1		4	30	1, 8	*8AWB	D	4		2	30	4, 5

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.					FIL.					FIL.					FIL.												
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
*8AW8	D	4		7	30	4, 5	*9AK8	D	4		8	35	4, 5	12AE6	E	3		1	60	3, 4							
*8BA8	D	4		2	40	4, 5	*9AQ8	D	4		2	35	4, 5	12AE7 *D	4	98		1	35	4, 5							
*8BA8	D	4		7	40	4, 5	*9AQ8	D	4		7	35	4, 5	12AE7 *D	4	93		7	15	4, 5							
*8BH8	D	4		2	30	4, 5	9AU7	C	9		2	30	4, 5	12AF3	E	4	1, 2, 3, 6, 7, 8	9	30	4, 5							
*8BH8	D	4		7	30	4, 5	9AU7	C	9		7	30	4, 5														
*8BN8	D	4		1	100	4, 5	*9BM5	D	3	7	1	35	3, 4	12AF6	E	3		1	60	3, 4							
*8BN8	D	4		6	100	4, 5	9BR7	D	4	98	2	25	4, 5	12AG6	E	3		1	60	3, 4							
*8BN8	D	4		8	35	4, 5	9BR7	D	4	93	6	25	4, 5	12AH7	E	7		1	35	7, 8							
*8BQ5	D	4	1, 6 B	2	30	4, 5	9BR7	D	4	93	7	25	4, 5	12AH7	E	7		5	35	7, 8							
*8BQ7	D	4		2	35	4, 5	*9BW6	D	4	1	2	35	4, 5	12AH8	E	4	9	2	35	4, 5							
*8BQ7	D	4		7	35	4, 5	*9CL8	D	4		1	35	4, 5	12AH8	E	4	9	7	35	4, 5							
*8CG7	D	4		2	30	4, 5	*9CL8	D	4		9	35	4, 5	12AJ6	E	3		1	30	3, 4							
*8CG7	D	4		7	30	4, 5	9EF6	E	2		5	30	2, 7	12AJ6	E	3		5	100	3, 4							
*8CA7	D	4		7	30	4, 5	9UB	E	4		2	30	4, 5	12AJ6	E	3		6	100	3, 4							
*8CA7	D	4		8	30	4, 5	9UB	E	4		9	30	4, 5	12AJ7	E	4		2	35	4, 5							
*8CN7	D	4	9	1	100	4, 5	10C8	E	4		2	30	4, 5	12AJ7	E	4		9	35	4, 5							
*8CN7	D	4	9	2	100	4, 5	10C8	E	4		8	30	4, 5	12AL5	E	3		2	25	3, 4							
*8CN7	D	4	9	7	35	4, 5	10DR7 *D	4	28	1	40	4, 5	12AL5	E	3		7	25	3, 4								
*8CS7	D	4		3	30	4, 5	10DR7 *D	4	29	7	20	4, 5	12AL8	E	4		3	35	4, 5								
*8CS7	D	4		7	30	4, 5	10EG7 *D	7	6	2	35	7, 8	12AL8	E	4		8	35	4, 5								
*8CX8	D	4		2	30	4, 5	10EG7 *D	7	3	4	20	7, 8	12AQ5	E	3	7	1	30	3, 4								
*8CX8	D	4		7	30	4, 5	10EM7 *D	7	6	2	40	7, 8	12AT6	E	3		1	35	3, 4								
*8CY7	D	4		3	30	4, 5	10EM7 *D	7	3	4	15	7, 8	12AT6	E	3		5	100	3, 4								
*8CY7	D	4		7	30	4, 5	10HF8 *D	4	6	3	90S	4, 5	12AT6	E	3		6	100	3, 4								
*8EB8	D	4		2	35	4, 5	10HF8 *D	4	1	8	10S	4, 5	12AT7	E	4	9	2	35	4, 5								
*8EB8	D	4		7	35	4, 5	11CY7	E	4		3	35	4, 5	12AT7	E	4	9	7	35	4, 5							
*8EM5	D	4	6, B	3	30	4, 5	11CY7	E	4		7	35	4, 5	12AU6	E	3		1	35	3, 4							
8ET7 *C	4	6		2	40S	4, 5	12A4	E	4	3, 7	2	35	4, 5	12AU7	E	4	9	2	35	4, 5							
8ET7 *C	4	6		3	30S	4, 5	12A6	E	2		5	30	2, 7	12AU7	E	4	9	7	35	4, 5							
8ET7 *C	4	1		8	21S	4, 5	12A8	E	2		5	35	2, 7	12AV5	E	2		1	30	2, 7							
8GN8 *C	4	6		2	15	4, 5	12AB5	E	4	1, 3	5	30	4, 5	12AV6	E	3		1	35	3, 4							
8GN8 *C	4	1		8	15S	4, 5	12AC6	E	3		1	40	3, 4	12AV6	E	3		5	100	3, 4							
*8SN7	D	7		1	30	7, 8	12AD5	E	3		1	60	3, 4	12AV6	E	3		6	100	3, 4							
*8SN7	D	7		4	30	7, 8	12AD7	E	4	9	2	30	4, 5	12AV7	E	4	9	2	35	4, 5							
*9AK8	D	4		1	100	4, 5	12AD7	E	4	9	7	30	4, 5	12AV7	E	4	9	7	35	4, 5							
*9AK8	D	4		2	100	4, 5	12AE6	E	3		5	100	3, 4	12AW6	E	3		1	35	3, 4							
*9AK8	D	4		6	100	4, 5	12AE6	E	3		6	100	3, 4	12AW7	E	3		1	35	3, 4							

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.					FIL.					FIL.					FIL.														
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.		
12AX4	E	7		5	35	7, 8	12BU6	E	3		1	35	3, 4	12DK7	E	4	8	6	100	4, 5	12DK7	E	4	8	9	100	4, 5		
12AX7	E	4	9	2	35	4, 5	12BU6	E	3		5	100	3, 4	12DK7	E	4	8	9	100	4, 5	12DL8	E	4		3	35	4, 5		
12AX7	E	4	9	7	35	4, 5	12BU6	E	3		6	100	3, 4	12DL8	E	4		3	35	4, 5	12DL8	E	4		1	100	4, 5		
12AY7	E	4	9	2	35	4, 5	12BV7	E	4	3, 6	2	30	4, 5	12DL8	E	4		9	100	4, 5	12DL8	E	4		9	100	4, 5		
12AY7	E	4	9	7	35	4, 5	12BW4	E	4		1	30	4, 5	12DQ6	E	2		5	30	2, 7	12DQ7	*D	4	69	8	15S	4, 5, 6		
12AZ7	E	4	9	2	35	4, 5	12BW4	E	4		7	30	4, 5	12DS7	E	4		3	35	4, 5	12DS7	E	4		1	100	4, 5		
12AZ7	E	4	9	7	35	4, 5	12BY7	E	4	6, 9	2	30	4, 5	12DS7	E	4		9	100	4, 5	12DT5	E	4	6, 8	3	35	4, 5		
12B4	E	4	3, 7	2	35	4, 5	12BZ6	*D	3		6	20S	3, 4	12DT8	E	4		2	35	4, 5	12DT8	E	4		2	35	4, 5		
12B6	E	2		T.C.	35	2, 7	12BZ7	E	4	9	2	30	4, 5	12DT8	E	4		7	35	4, 5	12DT8	*D	4	8	2	24	4, 5		
12B7	E	1		6	35	1, 8	12BZ7	E	4	9	7	30	4, 5	12DT8	*D	4	3	7	25	4, 5	12DU7	*D	4		3	30	4, 5		
12B8	E	2		8	35	2, 7	12C5	E	3	2	5	35	3, 4	12DU7	*D	4		7	60S	4, 5	12DU7	*D	4		9	100S	4, 5		
12B8	E	2		T.C.	35	2, 7	12C8	E	2		4	100	2, 7	12DV8	E	4		3	35	4, 5	12DV8	E	4		1	100	4, 5		
12BA6	E	3		1	35	3, 4	12C8	E	2		5	100	2, 7	12DV8	E	4		9	100	4, 5	12DW5	E	4	3	6	35	4, 5		
12BA7	E	4	8	2	35	4, 5	12C8	E	2		T.C.	35	2, 7	12DW5	*D	4	3	1S	15	4, 5	12DW7	*D	4	89	1	100S	4, 5, 9		
12BD6	E	3		1	35	3, 4	12CA5	E	3	5	2	30	3, 4	12DW7	*D	4	39	7	20	4, 5, 9	12DY8	E	4		1	35	4, 5		
12BE6	E	3		1	35	3, 4	12CB6	E	3		1	35	3, 4	12DY8	E	4		9	35	4, 5	12DY8	E	4		9	35	4, 5		
12BF6	E	3		1	60	3, 4	12CD6	E	2		5	30	2, 7	12DZ6	E	3		1	30	3, 4	12E5	E	2		5	30	2, 7		
12BF6	E	3		5	100	3, 4	12CM6	E	4	6	3	30	4, 5	12EA6	E	3		1	35	3, 4	12EC8	E	4		1	35	4, 5		
12BF6	E	3		6	100	3, 4	12CN5	E	3	5	2	40	3, 4	12EC8	E	4		9	35	4, 5	12EC8	E	4		9	35	4, 5		
12BH7	E	4	9	2	30	4, 5	12CR6	E	3		2	100	3, 4	12ED5	E	3	5	2	35	3, 4	12EF6	E	2		5	35	2, 7		
12BH7	E	4	9	7	30	4, 5	12CR6	E	3		7	35	3, 4	12EH5	*D	3	2	6	10S	3, 4	12EG6	E	3		1	35	3, 4		
12BK5	E	4	7	3	30	4, 5	12CS5	E	4	6, 8	3	40	4, 5	12EG6	E	3	5	2	35	3, 4	12EH5	E	3	5	2	35	3, 4		
12BK6	E	3		1	35	3, 4	12CS6	E	3		1	60	3, 4																
12BK6	E	3		5	100	3, 4	12CS7	E	4		3	40	4, 5																
12BK6	E	3		6	100	3, 4	12CS7	E	4		7	40	4, 5																
12BL6	E	3		1	60	3, 4	12CT8	E	4		2	30	4, 5																
12BN6	E	3		S(S)	100	3, 4	12CT8	E	4		8	30	4, 5																
12BQ6	E	2		5	30	2, 7	12CU6	E	2		5	25	2, 7																
12BR7	E	4	9	2	30	4, 5	12CX6	E	3		1	35	3, 4																
12BR7	E	4	9	6	100	4, 5	12D4	E	7	1, 2	5	40	7, 8																
12BR7	E	4	9	7	100	4, 5	12DE8	E	4		1	35	4, 5																
12BR7	*D	4	98	2	15	4, 5	12DE8	E	4		3	100	4, 5																
12BR7	*D	4	93	6	15	4, 5	12DF5	E	4	9	1	35	4, 5																
12BR7	*D	4	93	7	15	4, 5	12DF5	E	4	9	6	35	4, 5																
12BT6	E	3		1	35	3, 4	12DF7	E	4	9	2	35	4, 5																
12BT6	E	3		5	100	3, 4	12DF7	E	4	9	7	35	4, 5																
12BT6	E	3		6	100	3, 4	12DK7	E	4	8	1	35	4, 5																

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.					FIL.					FIL.										
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
12EK6	E	3		1	35	3, 4	12J7	E	2		T.C.	35	2, 7	12SQ7	E	7		5	100	7, 8
12EL6	E	3		1	60	3, 4	12J8	E	4		1	40	4, 5	12SR7	E	7		2	35	7, 8
12EL6	E	3		5	100	3, 4	12J8	E	4		8	100	4, 5	12SR7	E	7		4	100	7, 8
12EL6	E	3		6	100	3, 4	12J8	E	4		9	100	4, 5	12SR7	E	7		5	100	7, 8
12EM5	E	4	6, 8	3	30	4, 5	12K5	E	3	5	6	30	3, 4	12SW7	E	7		2	35	7, 8
12EM6	E	4	7, 8	1	35	4, 5	12K7	E	2		T.C.	35	2, 7	12SW7	E	7		4	100	7, 8
12EM6	E	4	7, 8	9	100	4, 5	12K8	E	2		5	35	2, 7	12SW7	E	7		5	100	7, 8
12EN6	E	2		5	30	2, 7	12L6	E	2		5	30	2, 7	12SX7	E	7		1	30	7, 8
12EZ6	E	3		1	30	3, 4	12L8	E	6		1	30	6, 7	12SX7	E	7		4	30	7, 8
12F5	E	2		T.C.	35	2, 7	12L8	E	6		3	30	6, 7	12SY7	E	2		5	30	2, 7
12F8	E	4		1	100	4, 5	12Q7	E	2		4	100	2, 7	12U7	E	4	9	2	40	4, 5
12F8	E	4		6	100	4, 5	12Q7	E	2		5	100	2, 7	12U7	E	4	9	7	40	4, 5
12F8	E	4		8	50	4, 5	12Q7	E	2		T.C.	35	2, 7	12V6	E	2		5	30	2, 7
12FA6	E	3		1	35	3, 4	12R5	E	3	5	2	30	3, 4	12W6	E	2		5	30	2, 7
12FK9	*D	3		7	15	3, 4	12S8	E	7		3	100	7, 8	12X4	E	3		1	30	3, 4
12FK6	*D	3		6	40	3, 4	12S8	E	7		4	100	7, 8	12X4	E	3		6	30	3, 4
12FK6	*D	3		5	40S	3, 4	12S8	E	7		5	100	7, 8	13DE7	*D	4	28	1	40	4, 5
12FQ8	E	4		2	20	4, 5	12S8	E	7		T.C.	35	7, 8	13DE7	*D	4	29	7	15	4, 5
12FQ8	E	4		7	20	4, 5	12SA7	E	2		5	35	2, 7	13DR7	*D	4	28	1	40	4, 5
12FR8	*D	4	2	6	10	4, 5	12SB7	E	2		5	35	2, 7	13DR7	*D	4	29	7	20	4, 5
12FR8	*D	4		9	20S	4, 5	12SB8	E	7		1	100	7, 8	14A4	E	1		6	35	1, 8
12FR8	*D	4		8	20S	4, 5	12SB8	E	7		3	100	7, 8	14A5	E	1		6	30	1, 8
12FX8	*D	4	7	8	20S	4, 5	12SB8	E	7		4	100	7, 8	14A7	E	1		6	30	1, 8
12FX8	*D	4		1	15S	4, 5	12SC7	E	7		3	35	7, 8	14AF7	E	1		4	35	1, 8
12FM6	*D	3		5	75	3, 4	12SC7	E	7		4	35	7, 8	14AF7	E	1		5	35	1, 8
12FM6	*D	3		6	75	3, 4	12SF5	E	7		8	35	7, 8	14B6	E	1	4	3	35	1, 8
12FM6	*D	3		7	12S	3, 4	12SF7	E	7		2	35	7, 8	14B6	E	1	4	5	100	1, 8
12G4	E	3	2, 5	6	35	3, 4	12SF7	E	7		5	100	7, 8	14B6	E	1	4	6	100	1, 8
12G7	E	2		4	100	2, 7	12SG7	E	2	3	4	35	2, 7	14B8	E	1		4	30	1, 8
12G7	E	2		5	100	2, 7	12SH7	E	2	3	4	35	2, 7	14C5	E	1		6	30	1, 8
12G7	E	2		T.C.	35	2, 7	12SJ7	E	2		4	35	2, 7	14C7	E	1		6	30	1, 8
12G8	E	4	9	3	60	4, 5	12SK7	E	2		4	35	2, 7	14DA7	E	4		3	35	4, 5
12G8	E	4	9	8	60	4, 5	12SL7	E	7		1	30	7, 8	14DA7	E	4		7	35	4, 5
12GC6	*D	2	4	5	10	2, 7	12SL7	E	7		4	30	7, 8	14E6	E	1	4	3	35	1, 8
12H4	E	3	2	6	35	3, 7	12SN7	E	7		1	30	7, 8	14E6	E	1	4	5	100	1, 8
12H6	E	2		3	35	2, 7	12SN7	E	7		4	30	7, 8	14E6	E	1	4	6	100	1, 8
12H6	E	2		5	35	2, 7	12SQ7	E	7		2	35	7, 8	14E7	E	1		3	100	1, 8
12J5	E	2		5	35	2, 7	12SQ7	E	7		4	100	7, 8	14E7	E	1		4	100	1, 8

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position.

FIL.					FIL.					FIL.					FIL.						
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	
14E7	E	1		6	35	1, 8	*17AX4	E	7		5	40	7, 8	19EZ8	*E	4	1	9	90	4, 5	
14F7	E	1		4	35	1, 8	*17BQ6	E	2		5	30	2, 7	19J6	F	3		5	35	3, 4	
14F7	E	1		5	35	1, 8	*17C5	E	3	5	2	60	3, 4	19J6	F	3		6	35	3, 4	
14F8	E	2		1	35	2, 7	*17CA5	E	3	5	2	35	3, 4	19HU8	*E	4	8	1	15	4, 5	
14F8	E	2		8	35	2, 7	*17CU5	E	3	5	2	35	3, 4	19HU8	*E	4	3	7	15S	4, 5	
14GT8	E	4	17	2	25	3, 4	17D4	E	7		5	20	7, 8	19T8	F	4		1	100	4, 5	
14GT8	E	4	37	6	15	3, 4	*17DE4	E	7	2	5	35	7, 8	19T8	F	4		2	100	4, 5	
14GT8	E	4	13	8	40	3, 4	*17DQ6	E	2		5	40	2, 7	19T8	F	4		6	100	4, 5	
14H7	E	1		6	35	1, 8	17DM4	*E	7		5	15	7, 8	19T8	F	4		8	35	4, 5	
14J7	E	1		4	35	1, 8	17EW8	*E	4	8	1	30S	4, 5	19V8	F	4		2	100	4, 5	
14I7	E	1		6	60	1, 8	17EW8	*E	4	3	6	30S	4, 5	19V8	F	4		6	35	4, 5	
14JG8	*D	4	17	2	25	4, 5	17GW6	*E	2		5	15	2, 7	19V8	F	4		7	100	4, 5	
14JG8	*D	4	37	6	100S	4, 5	*17H3	E	4	2, 6, 7, 8, 9				19V8	F	4		9	100	4, 5	
14JG8	*D	4	13	8	30	4, 5						40	4, 5	19V8	F	4		9	100	4, 5	
14N7	E	1		4	30	1, 8	*17L6	E	2		5	40	2, 7	19X3	F	4	1, 2, 6, 7, 8	9	100	4, 5	
14N7	E	1		5	30	1, 8	*17R5	E	3	5	2	40	3, 4								
14Q7	E	1		4	35	1, 8	*17Z3	E	4		9	50	4, 5	19X8	F	4		2	35	4, 5	
14R7	E	1		3	100	1, 8	*18A5	E	2		1	50	2, 7	19X8	F	4		7	35	4, 5	
14R7	E	1		4	100	1, 8	18FW6	*E	3		6	20S	3, 4	19Y3	F	4	1, 2, 6, 7, 8	9	35	4, 5	
14R7	E	1		6	35	1, 8	18FX6	*E	3		6	15S	3, 4								
14S7	E	1		4	35	1, 8	18FY6	*E	3		1	20	3, 4	20EZ7	*E	1	39	5	15	1, 2	
14S7	E	1		6	60	1, 8	18FY6	*E	3		5	15S	3, 4	20EZ7	*E	1	34	8	15	1, 2	
14W7	E	1	4	6	35	1, 8	18FY6	*E	3		6	20S	3, 4	21A6	F	4	1, 6, 7	2	35	4, 5	
14X7	E	1		3	35	1, 8	18QD6A	*E	3		6	30S	3, 4	21A7	F	1		4	60	1, 8	
14X7	E	1		5	100	1, 8	19AQ5	F	3	1	7	30	3, 4	21A7	F	1		6	30	1, 8	
14X7	E	1		6	100	1, 8	19AU4	F	7		5	30	7, 8	21EX6	*E	2		8	90	2, 7	
14Y4	E	1		3	30	1, 8	19AU4	*E	7		5	15	7, 8	22DE4	*E	7		5	12	7, 8	
14Y4	E	1		6	30	1, 8	19BG6	F	2		5	30	2, 7	25A6	F	2		5	30	2, 7	
15A6	E	4		2	30	4, 5	19C8	F	4		1	100	4, 5	25A7	F	2		5	30	2, 7	
15A8	E	2		3	30	2, 7	19C8	F	4		2	100	4, 5	25A7	F	2		6	30	2, 7	
15A8	E	2		4	30	2, 7	19C8	F	4		6	100	4, 5	25ACS	F	2		5	30	2, 7	
15EA7	E	7	6	1	20	7, 8	19C8	F	4		8	35	4, 5	25AV5	F	2		1	30	2, 7	
15EA7	E	7	3	4	30	7, 8	19CL8	*E	4	8	2	20S	4, 5	25AX4	F	7		5	30	7, 8	
15EW6	E	3		6	15	3, 4	19CL8	*E	4	3	7	15S	4, 5	25B6	F	2		5	30	2, 7	
*16A5	E	4	6	2	30	4, 5	19EA8	*E	4	8	3	18S	4, 5	25B8	F	2		8	30	2, 7	
*16A8	E	4		1	30	4, 5	19EA8	*E	4	7	1	20S	4, 5	25B8	F	2		T,C,	30	2, 7	
*16A8	E	4		3	30	4, 5	19EZ8	*E	4		3	80S	4, 5	25BK5	F	4	7	3	30	4, 5	
*17AV5	E	2		1	30	2, 7	19EZ8	*E	4	1	7	90	4, 5	25BQ6	F	2		5	30	2, 7	

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the " LO " position.

FIL.					FIL.		FIL.					FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
25C5	F	3	2	5	30	3, 4	26D6	F	3		1	35	3, 4	50DC4	*F	3	6	5	10	3, 4, 6
25C6	F	2		5	30	2, 7	26Z5W	F	4	9	1	30	4, 5	50EH5	G	3	5	2	35	3, 4
25CA5	F	3	5	2	30	3, 4	26Z5W	F	4	9	6	30	4, 5	50FES	*F	2		4	10S	2, 7
25CD6	F	2		5	30	2, 7	*28D7	F	1		2	30	1, 8	50FK5	*F	3	2	6	12S	3, 4
25CG6	F	2		1	30	2, 7	*28D7	F	1		7	30	1, 8	50HC6	*F	3	6	5	10S	3, 4
25CU6	F	2		5	30	2, 7	*28Z5	F	1	4	3	35	1, 8	50L6	G	2		5	35	2, 7
25D6	F	2		5	30	2, 7	*28Z5	F	1	4	6	35	1, 8	50X6	G	1		3	30	1, 8
25D8	F	2		5	35	2, 7	32E15	F	3	2	6	135	3, 4	50X6	G	1		6	30	1, 8
25D8	F	2		8	100	2, 7	*32L7	F	2		5	35	2, 7	50Y6	G	2		3	30	2, 7
25D8	F	2		T,C,	35	2, 7	*32L7	F	2		6	35	2, 7	50Y6	G	2		5	30	2, 7
25DK4	*E	3	6	5	10	3, 4	*35A5	F	1		6	35	1, 8	50Y7	G	2	6	3	30	2, 7
25DN6	F	2		5	30	2, 7	*35A6	F	1		6	35	1, 8	50Y7	G	2	6	5	30	2, 7
25DQ6	F	2	5	5	30	2, 7	*35B5	F	3	7	1	35	3, 4	50Z6	G	2		3	30	2, 7
25E5	F	2		5	30	2, 7	*35C5	F	3	2	5	35	3, 4	50Z6	G	2		5	30	2, 7
25EC6	F	2		5	25	2, 7	*35CD6	F	2		5	40	2, 7	50Z7	G	2		3	30	2, 7
25EH5	F	3	5	2	35	3, 4	35EH5	*F	3	2	6	10S	3, 4	50Z7	G	2		5	30	2, 7
25EH5	*E	3	2	6	15S	3, 4	35GL6	*F	3	6	2	15	3, 4	70L7	G	2	6	8	20	2, 7
25F5	F	3		2	30	3, 4	35HB8	*F	4	8	3	80S	4, 5	70L7	G	2	1	4	15S	2, 7
25L6	F	2		5	30	2, 7	35HB8	*F	4	2	6	10S	4, 5	117L7	J	2		4	30	2, 7
25N6	F	2		5	30	2, 7	*35L6	F	2		5	30	2, 7	117L7	J	2		6	30	2, 7
25W4	F	7		5	30	7, 8	*35W4	F	3	6	5	35	3, 4	117M7	J	2		4	30	2, 7
25W6	F	2		5	30	2, 7	*35Y4	F	1	4	2	35	1, 8	117M7	J	2		6	30	2, 7
25X6	F	2		3	30	2, 7	*35Z3	F	1	4	2	35	1, 8	117N7	J	2		4	30	2, 7
25X6	F	2		8	30	2, 7	*35Z4	F	2		5	30	2, 7	117N7	J	2		8	30	2, 7
25Y4	F	2		5	30	2, 7	*35Z5	F	2	3	5	30	2, 7	117P7	J	2		4	30	2, 7
25Z4	F	2		5	30	2, 7	*35Z6	F	2		3	30	2, 7	117P7	J	2		8	30	2, 7
25Z6	F	2		3	30	2, 7	*35Z6	F	2		5	30	2, 7	117Z3	J	3	1	5	30	3, 4
25Z6	F	2		5	30	2, 7	36AM3A	*F	3	6	5	10	3, 4, 6	117Z4	J	2		5	30	2, 7
26A6	F	3		1	35	3, 4	40Z5	G	2	3	5	40	2, 7	117Z6	J	2		3	30	2, 7
26A7	F	6		1	30	6, 7	45Z3	G	1	3, 6	2	30	1, 7	117Z6	J	2		5	30	2, 7
26A7	F	6		3	30	6, 7	45Z5	G	2	3	5	40	2, 7	884	D	2		5	30	2, 7
26BK6	F	3		1	35	3, 4	50A5	G	1		6	30	1, 8	1851	D	2		T.C.	30	2, 7
26BK6	F	3		5	100	3, 4	50AX6	G	2		3	30	2, 7	1852	D	2		4	30	2, 7
26BK6	F	3		6	100	3, 4	50AX6	G	2		5	30	2, 7	1853	D	2		4	30	2, 7
26C6	F	3		1	35	3, 4	50B5	G	3	7	1	30	3, 4	5879	C	4		1	30	4, 5
26C6	F	3		5	100	3, 4	50BK5	G	4	7	3	30	4, 5	6267	D	4	6	9	40	4, 5
26C6	F	3		6	100	3, 4	50C5	G	3	2	5	30	3, 4	6973	D	4	1, 3	6	15	4, 5
26CG6	F	3		1	35	3, 4	50C6	G	2		5	30	2, 7	7025	*D	4	89	1	40S	4, 5

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FIL.					FIL.					FIL.										
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
7025	*D	4	39	6	40S	4, 5														
7027	D	2	1, 6	5	35	2, 7														
7036	D	3		1	30	3, 4														
7189	C	4	1	9	25S	4, 5														
7247	*D	4	89	1	40S	4, 5, 9														
7247	*D	4	39	7	10S	4, 5, 9														
7355	C	2		8	20S	2, 7														
7408	C	2		4	25S	2, 7														
7543	D	3		6	60S	3, 4														
7591	C	2	8	4	20S	2, 7														
7695	*F	4		1	10S	4, 5														

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MODEL TE-50 SUPPLEMENTAL TUBE CHART

FOR COMPACTRON AND NUVISTOR

FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD. CONT.			
1AU3	A	2	8	T.C. 12	90	2, 7						6EA5	D	3	2	6 S.	90	3, 4		
1LG5	A	1	5	6	60	1, 8	5GM6	C	3	7	1 S	25	4, 5	6EA7	D	7	6	2 S	10	7, 8
1N2A	A	2		T.C. 5	70	2, 7	6AL3	D	4	1, 3, 6, 9	8	23	4, 5		D	7	3	4	50	7, 8
2EN5	A	3		2	15	3, 4	6AQ8	D	4	8	1 S	60	3, 4	6EB5	D	3	5	7	50	3, 4
	A	3		7	15	3, 4		D	4	3	6 S.	60	3, 4		D	3	1	2	50	3, 4
2ER5	A	3	1	5 S	32	3, 4	6AV11	D	1	4, 6	2 S	60	1, 12	6EH7	D	4		8	85	4, 5
2FH5	A	3	1	5 S	40	3, 4		D	1	3, 4	5 S	60	1, 12	6EH8	D	4		3 S	30	4, 5
2FQ5	A	3	1	5 S	24	3, 4		D	1	3, 6	10 S	60	1, 12		D	4		8 S	21	4, 5
2FS5	A	3	7	1	11	3, 4	6AZ8	D	4	7	2 S	26	4, 5	6EM7	D	7	6	2	90	7, 8
2CW4	A	10		2	24	10, 12		D	4	3	8 S.	30	4, 5		D	7	3	4	85	7, 8
3BU8	B	4		7	30	4, 5	6BA3	D	4	2	7	30	4, 5	6EQ7	D	4		8 S	12	4, 5
3DG4	B	1		5	15	1, 3	6BL8	D	4	7	9	25	4, 5		D	4		6 S	36	4, 5
	B	1		7	15	1, 3		D	4	8	2	13	4, 5	6ER5	D	3	1	5 S	60	3, 4
3EA5	B	3	2	1	30	3, 4	6BQ5	D	4		9 S.	21	4, 5	6ES5	D	3	1	5 S	36	3, 4
3ER5	B	3	1	5 S	32	3, 4	6BM8	D	4	2	1	30	4, 5	6ES8	D	4	8	1 S	15	4, 5
3GK5	B	3	1	5 S	12	3, 4	UCL82	D	4	8	7 S	12	4, 5		D	4	3	6 S	15	4, 5
4AU6	B	3		1	20	3, 4	6C10	D	1	4, 6	11	40	1, 12	6ET7	D	4	6	2 S	15	4, 5
	B	3		5 S	15	3, 4		D	1	3, 4	7	40	1, 12		D	4	6	3 S	15	4, 5
	B	3		6 S	15	3, 4		D	1	3, 6	9	40	1, 12		D	4	1	8 S	20	4, 5
4CES	B	3	7	6 S	20	3, 4	6CQ4	D	7		5	22	7, 8	6EU8	D	4	8	3 S	60	4, 5
4EH7	B	4	1	8	15	4, 5	6CQ8	D	4	8	3 S	23	4, 5		D	4	6	9 S	30	4, 5
4ES8	B	4	8	1 S	15	4, 5		D	4	7	1 S	34	4, 5	6EV5	D	3	2	6 S	20	3, 4
	B	4	3	6 S	15	4, 5	6CW4	D	10		2 S	4	10, 12	6EV7	D	4	8	1 S	90	4, 5
4EW6	B	3		6 S	25	3, 4	6DA4	D	7		5	30	7, 8		D	4	3	7	20	4, 5
4GS8							6D10	D	1	4, 6	2 S	80	1, 12	6EW7	D	4	2, 8	1	60	4, 5
4BU8	B	4		2 S	45	4, 5		D	1	3, 4	5	80	1, 12		D	4	2, 9	6 S	90	4, 5
5DJ4	C	2	1, 8, 3, 6	4	95	2, 7		D	1	3, 6	10	80	1, 12	6EY6	D	2		5	25	2, 7
	C	2	1, 8, 3, 6	5	95	2, 7	6DB5	D	4	2, 3	1 S	12	4, 5	6EZ5	D	2		4 S	18	2, 7
5ES8	C	4	8	1 S	12	4, 5	6DE7	D	4	2, 8	1	95	4, 5	6EZ8	D	4		2	20	4, 5
	C	4	3	6 S	12	4, 5		D	4	2, 9	6 S	70	4, 5		D	4	1	7	50	4, 5
5EU8	C	4	8	3 S	27	4, 5	6DN6	D	2		10 S	12	2, 7		D	4	1	9	50	4, 5
	C	4	6	9 S	21	4, 5	6DQ4	D	7		5	28	7, 8	6FA7	D	4		3 S	20	4, 5
5EW6	C	3		6 S	50	3, 4	6DR7	D	4	3, 8	1 S	11	4, 5		D	4		8 S	32	4, 5
5FG7	C	4	8	2 S	30	4, 5		D	4	3, 9	7	50	4, 5	6FD7	D	4	8	1	80	4, 5
	C	4	3	7 S	25	4, 5	6DS4	D	10		2	40	10, 12		D	4	9	7 S	60	4, 5
5FV8	C	4	8	2 S	27	4, 5	6DW4	D	4	7	2	23	4, 5	6FG5	D	3	2	1 S	18	3, 4
	C	4	3	7 S	20	4, 5	6DZ7	D	2		1	26	2, 7	6FG7	D	4	3	2 S	40	4, 5
5GH8	C	4	8	3 S	30	4, 5		D	2		5	26	2, 7		D	4	3	7 S	21	4, 5

*IMPORTANT NOTE: Asterisk (*) preceding Tube listing means Power Switch MUST be switched DOWN to the "LO" position

FIL.							FIL.							FIL.						
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
6FN5	D	3	1	5(S)	32	3, 4	6K11	D	4	7	9(S)	30	4, 5	12FK6	E	4		8(S)	15	4, 5
6FN8	D	4	6	3(S)	42	4, 5		D	1	4, 6	11	37	1, 12		E	3		7(S)	19	3, 4
	D	4	6	8(S)	9	4, 5		D	1	3, 4	7	37	1, 12		E	3		5(S)	30	3, 4
6FJ7	D	1	9	5(S)	16	1, 12		D	1	3, 6	9	37	1, 12		E	3		6(S)	30	3, 4
	D	1	7	11(S)	80	1, 12	6JK8	D	4	8	1(S)	25	3, 4	12FM6	E	3		7(S)	18	3, 4
6FM8	D	4	1, 7	2	18	4, 5		D	4	3	6(S)	40	3, 4		E	3		5(S)	15	3, 4
	D	4	3, 7	6	18	4, 5	6V4EZ8	D	4		1	30	4, 5		E	3		6(S)	15	3, 4
	D	4	1, 3	9	40	4, 5		D	4		7	30	4, 5	12FQ8	E	4		2	25	4, 5
6FQ5	D	3	1	5(S)	21	3, 4	8GN8	D	4	6	2	15	4, 5		E	4		7	25	4, 5
6FQ7	D	4	8	1	55	4, 5		D	4	1	8(S)	18	4, 5	12FR8	E	4	2	3	18	4, 5
	D	4	3	6(S)	55	4, 5	8ET7	C	4	6	2(S)	25	4, 5		E	4	5	9(S)	22	4, 5
6FS5	D	3	7	1	15	3, 4		C	4	6	3(S)	20	4, 5		E	4	5	8(S)	25	4, 5
6FV6	D	3		6(S)	24	3, 4		C	4	1	8(S)	15	4, 5	12FX8	E	4	7	8(S)	20	4, 5
6FV8	D	4	8	2(S)	25	4, 5	9BR7	D	4	8, 9	1(S)	65	4, 5, 9		E	4		1(S)	12	4, 5
	D	4	3	7(S)	20	4, 5		D	4	3, 9	6	12	4, 5, 9	12GA6	E	3		6(S)	18	3, 4
6FW5	D	2		8(S)	10	2, 7		D	4	3, 9	7	12	4, 5, 9	12GC6	E	2	4	8	10	2, 7
6GC5	D	4	8, 6	1(S)	14	4, 5	10DE7	D	4	8, 2	1	40	4, 5	12GJ5	E	4	1, 2	7	12	4, 5
6GES	D	1	3	2(S)	10	1, 12		D	4	9, 2	5(S)	52	4, 5	12GT5	E	4	1, 2	9	85	4, 5
6GH8	D	4	8	3(S)	25	4, 5	10EG7	D	7	6	2	31	7, 8	13DE7	E	4	2, 8	1(S)	12	4, 5
	D	4	7	1(S)	14	4, 5		D	7	3	5(S)	60	7, 8		E	4	2, 9	6(S)	40	4, 5
6GK5	D	3	1	5(S)	25	3, 4	10HF8	D	4	6	2	15	4, 5	13DR7	E	4	2, 8	1	90	4, 5
6GK6	D	4	3	8	22	4, 5		D	4	1	8(S)	15	4, 5		E	4	2, 9	7(S)	30	4, 5
6GM5	D	4		6	23	4, 5	10EM7	D	7	6	2	70	7, 8	13EM7	E	7	6	2(S)	10	7, 8
6GM6	D	3		6(S)	22	3, 4		D	7	3	4	24	7, 8		E	7	3	4	38	7, 8
6GN8	D	4	6	2	35	4, 5	10DR7	D	4	2, 8	1	45	4, 5	13FD7	E	4	2, 8	1	70	4, 5
	D	4	1	8(S)	16	4, 5		D	4	2, 9	7	19	4, 5		E	4	2, 9	7	50	4, 5
6GJ5	D	4	1, 2	7(S)	12	4, 5	12AE7	D	4	8	1(S)	10	4, 5, 9	14GT8	E	4	1, 7	2	30	4, 5
6GT5	D	4	1, 2	7(S)	10	4, 5		D	4	3	6(S)	15	4, 5, 9		E	4	3, 7	6	30	4, 5
6GX6	D	3		6(S)	31	3, 4	12AX3	E	1	10	4	30	1, 12		E	4	1, 3	8(S)	35	4, 5
6GY6	D	3		6(S)	30	3, 4	12BZ6	E	3		6(S)	18	3, 4	15EA7	E	7	6	2	92	7, 8
6GY8	D	5	7, 8	2(S)	95	4, 5	12DB5	E	4	6, 7	1(S)	11	4, 5		E	7	3	4	43	7, 8
	D	5	7	3	20	4, 5	12DQ7	E	4	6, 3	8(S)	18	4, 5	15EW6	E	3		6(S)	24	3, 4
	D	5	8	6(S)	60	4, 5	12DU7	E	4		6	90	4, 5	17AX3	E	1	4	10	15	1, 12
6HB6	D	4	69	8(S)	19	4, 5		E	4		7(S)	12	4, 5	17AY3	E	4	7	2	14	4, 5
6HJ8	D	4	7	2	20	4, 5		E	4		9(S)	25	4, 5	17BH3	E	4	2	7	15	4, 5
	D	4	1	5	25	4, 5	12DW7	E	4	9	1(S)	40	4, 5	17DM4	E	7		5	14	7, 8
6HS8	D	4		2(S)	70	4, 5		E	4	3	7	22	4, 5	17EW8	E	3	8	1(S)	30	3, 4
6JC8	D	4	7	3(S)	40	4, 5	12EQ7	E	4		6(S)	42	4, 5		E	3	3	6(S)	30	3, 4

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FIL.						FIL.						FIL.								
TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.	TUBE.	VOLTS.	F.	N.	P.	LOAD.	CONT.
17GJ5	E	4	1, 2	7	50	4, 5	5881	D	2		4 (S)	25	2, 7							
17GW6	E	2		4 (S)	12 (S)	2, 7	60FX5	G	3	2	6 (S)	15	3, 4							
18FW6	E	3		5 (S)	23	3, 4	70L7	G	2	6	B	25	2, 7							
18FX6	E	3		6 (S)	15	3, 4		G	2	1	4 (S)	15	2, 7							
18FY6	E	3		5 (S)	18	3, 4	7025	E	4	8	2	22	4, 5, 9							
	E	3		6 (S)	18	3, 4		E	4	3	7	22	4, 5, 9							
	E	3		7	12	3, 4	7199	D	4	6	1 (S)	22	4, 5							
18GD6	E	3		6 (S)	50	3, 4		D	4	8	3 (S)	28	4, 5							
19CL8	E	4	8	2 (S)	25	4, 5	7247	E	4	8	2	60	4, 5, 9							
	E	4		7 (S)	18	4, 5		E	4	3	7 (S)	30	4, 5, 9							
19EA	E	5	8	3	20	4, 5	7355	D	2		8 (S)	18	2, 7							
	E	4	7	9	15	4, 5	7408	D	2		4 (S)	28	2, 7							
19HV8	E	4	8	1	17	4, 5	7581	D	2		4 (S)	20	2, 7							
	E	4	3	7 (S)	20	4, 5	7591	D	2	4	6	20	2, 7							
19JN8	E	4	8	2 (S)	22	4, 5	7695	G	4	6	1 (S)	22	4, 5							
	E	4	3	7 (S)	19	4, 5	7868	D	4	2, 7	1 (S)	25	4, 5							
20EZ7	E	1	3, 9	5	18	1, 2														
	E	1	3, 4	8	18	1, 2														
21EX6	E	2		8	90	2, 7														
22BH3	E	4	2	7	15	4, 5														
22DE4	E	7		5	14	7, 8														
25DK4	F	3	6	5	21	3, 4														
32ET5	F	3	2	6 (S)	21	3, 4														
35DZ8	F	4	8	7	80	4, 5														
	F	4	2	1	15	4, 5														
35EH5	F	3	2	6 (S)	12	3, 4														
35GL6	F	3	6	2	18	3, 4														
35HB8	F	4	8	3	94	4, 5														
	F	4	2	6 (S)	10	4, 5														
36AM3	F	3	6	5	12	3, 4														
50DC4	G	3	6	5	21	3, 4														
50FE5	G	2		4 (S)	10	2, 7														
50FX5	G	3	2	6	12	3, 4														
50HC6	G	3	6	5 (S)	19	3, 4														
5879	D	4		7 (S)	55	4, 5														

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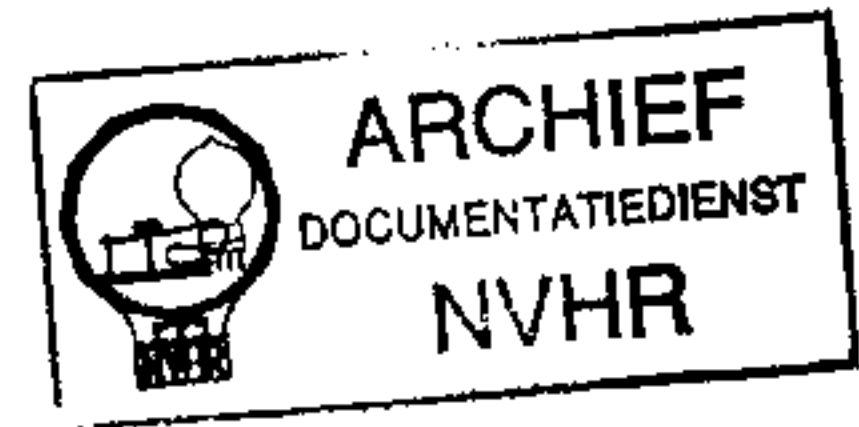
TUBE INTER-CHANGEABILITY CHART

TUBE	EQUIVALENT	TUBE	EQUIVALENT	TUBE	EQUIVALENT
0A2	6073/150C2/6676/6626	6AU6	6136/EF94 - - 7	9AQ8	PCC85 ✓
0A3	VR-75	6AV6	EBC91 ^	12AC5	UF41
0A4	PL1267/1267	6BA6	5749/6660/EF93/PM04 *	12AJ7	HCH81
0B2	6074/108C1/6627	6BC5	6CE5	12AT6	HBC90
0B3	VR-90	6BE6	5750/EK90/HM04	12AT7	6679/6201/ECC81/B152/ B309
0C3	VR105	6BE7	EQ80	12AU6	HF94
0D3	VR-150/150C3	6BH6	6661/6265	12AU7	6680/5814/ECC82/6189
0G3	5TV85-10/85A2	6BJ6	6662	12AV6	HBC91
1A3	DA90/1D13	6BL8	ECF80	12AV7	5965/6829
1A86	DK96	6BM8	ECL82	12AX7	5751/6681/ECC83/7025/ 12DT7
1AC6	DK92	6BN5	EL85	12AY7	6072
1AH5	DAF96	6BQ5	EL84/6267/EF86/Z729	12B7	14A7
1B3-GT	8016	6BQ6	6CU6	12BA6	HF93
1B4P	951	6BR5	EM80	12BE6	HK90
1B5	25S	6BT4	EZ40	12BQ6	12CU6
1C1	X17/DK91/1R5	6BY4	7077	12C5	12CU5
1C5	DL35/N14	6BY6	5915/7036	12CU5	12C5
1D13	DA90/1A3	6BY7	EF85 "	12CU6	12BQ6
1F2	1L4/DF92	6BX6	EF80 .	12DT7	7025/12AX7/5751/6681/ ECC83
1F3	DF91/1T4/W17	6CA	6135/EC90	12DW7	7247
1FD9	ZD17/DAF91/1S5	6CA4	EZ81 -	12S7	UAF42
1H5	HD14/DAC32	6CA7	EL34 -	12SN7	B36
1J3	1K3	6CE5	68C5	14A7	12B7
1K3	1J3	6CJ5	EF41 ^	14AF7	XXD
1L4	DF92/1F2	6CJ6	EL81 -	1723	PY81 -
1P10	DL92/3S4/N17	6CK5	EL41	19D8	UCH81
1P11	DL94/3V4	6CL6	6677	21A6	PL81 -
1R4	1294	6CM5	EL36 .	25E5	PL36 -
1R5	DK91/X17/1C1	6CN6	EL38 .	25L6	KT32
1S2-A	DY87/DY86	6CQ6	EF92 .	25S	1B5
1S5	DAF91/ZD17/1FD9	6CS6	EH90 -	30A5	HL94
1T4	DF91/W17/1F3	6CT7	EAF42	35	51
1U5	DAF92	6CU6	6BQ6	35W4	HY90
1V	KR-1	6CU7	ECH42	39	44
2A3	5930	6CV7	EBC41 -	44	39
2A5	KR-25	6CW5	EL86	50C5	HL92
2C21	1642	6DA5	EM81	51	35
2C22	7196	6DA6	EF89 -		
2C51	5670	6DC8	EBF89		
2D21	5727/EN91	6DJ8	ECC88 X		

TUBE	EQUIVALENT	TUBE	EQUIVALENT	TUBE	EQUIVALENT
2S	4S/G-2	6DL5	EL95	84	6Z4
2X2-A	879	6DS8	ECH83	85A2	OG3/5TV85-10
2Z2	G84/684	6F5	H63	108C1	0B2/6074/6627
3A4	DL93	6FG6	EM84	113HY	123HY
3A5	DCC90	6G5	6U5	115HY	145HY
3B4	DL98	6H6	D63	117L7	M7
3B7	1291	6J5	L63	123HY	113HY
3CG4	Z-2669	6J6	ECC91	128A	2523
3Q4	DL95/N18	6J7	Z63	145HY	115HY
3S4	DL92/N17/1P10	6L6	5881/5932/EL37	150C2	0A2/6073/6676/6626
3V4	DL94/1P11	6N3	EY82	150C3	0D3/VR150
4S	2S/G2	6N5	6AB5	182B	482B
5AR4	GZ34	6N8	EBF80	183B	483
5TV85-10	OG3/85A2	6Q4	EC80	408A	602B
5U4	5931	6Q5	884	482B	182B
5V4	GZ32	6Q7	DH63/6T7	483	183B
5Y3	6087/6106	6R3	EY81	484	RIT
5Z4	GZ30	6R4	EC81	485	RIR
6A4	LA	6S2	EY86	684	ZZ2
6AB4	EC92	6SJ7	5693	807	5933/QE06140
6AB5	6N5	6SK7	6137	866	866A
6AB7	1853	6SL7	5691	879	2X2A
6AB8	ECL80	6SN7	5692/ECC33/B65/65W7	884	6Q5
6AC7	1852/6134	6SU7	6188	951	1B4P
6AG5	6186	6T7	6Q7/DH63	1201	7E5
6AJ8	ECH81	6T8	6AK8/EABC8C	1203A	7C4
6AK5	5654/EF95/DP61/PM05	6U5	6G5	1232	7G7
6AK8	EABC80/6T8	6U8	6678/ECF82	2050	2051
6AL5	5726/6663/EB91/DD6/ D77/D152/EAA91	6V4	EZ80	2051	2050
6AM5	EL91	6X2	EY51	2523	128A
6AM6	EF91	6X4	6202/EZ90/U78/V2M70	5654	6AK5/EF95/DP61
6AQ4	EC91	6Z4	84		PM05
6AQ5	6669/6005/EL90/N727	7AN7	PCC84	5670	2C51
6QA8	ECC85	7C4	1203A	5691	6SL7
6AR6	6098	7E5	1201	5692	6SN7/ECC33/B65
6AS6	5725	7G7	1232	5693	6SJ7
6AT6	EBC90/DH77	9A8	PCF80	5725	6AS6
5727	2D21/EN91	9AK8	PABC80	5726	6AL5/6663/EB91/ EAA91
5749	68A6/6660/EF93	D152	6AL5/D77/DD6/EB91/ 6663/5726	EL81	6C16
				EL84	6BQ5/6267/EF86/Z729

TUBE	EQUIVALENT	TUBE	EQUIVALENT	TUBE	EQUIVALENT
	PM04	DA90	1A3/ID13	EL85	6BN5
5750	6BE6/EK90/HM04	DAC32	HD14/1H5	EL86	6CW5
5751	12AX7/6681/ECC83/ 12DT7/7025	DAF91	1S5/ZD17/IF09	EL90	6AQ5/N727/6669/6005
5814	12AU7/6189/6680/ ECC82	DAF92	1U5	EL91	6AM5
5881	6L6-G/5932/EL37	DAF96	1AH5	EL95	6DL5
5915	6BY6/7036	DCC90	3A5	EM80	6BR5
5930	2A3	DD6	6AL5/D77/D152/5726/ 6663/EB91/EAA91	EM81	6DA5
5931	5U4	DF62	1AD4	EM84	6FG6
5932	6L6/5881/EL37	DF91	1T4/W17/IF3	EN91	2D21/5727
5933	807/QE06140	DF92	1L4/1F2	EQ80	6BE7
5965	12AV7/6829	DH63	6Q7/6T7	EY51	6X2
6005	6AQ5/6669/EL90/ N727	DH77	6AT6/EBC90	EY81	6R3
6028	408A	DK91	1R5/X17/1C1	EY82	6N3
6072	12AY7	DK92	1AC6	EY86	6S2
6073	0A2/150C2/6676/6626	DK96	1AB6	EZ35	U147
6074	0B2/108C1/6627	DL35	N14/1C5	EZ40	6BT4
6087	5Y3/6106	DL92	3S4/N17/1P10	EZ80	6V4
6098	6AR6	DL93	3A4	EZ81	6CA4
6106	5Y3/6087	DL94	3V4/1P11	EZ90	6X4/U78/6202/V2M70
6134	6AC7/1852	DL95	3Q4/N18	G2	4S/2S
6135	6C4/EC90	DL98	3B4	G84	2Z2/684
6136	6AU6/EF94	DP61	EF95/6AK/PM05/ 5654	GZ30	5Z4
6137	6SK7	DY86	DY87/1S2A	GZ32	5V4
6186	6AG5	DY87	1S2/DY86	GZ34	5AR4
6188	6SU7	E88CC	6922	H63	6F5
6189	12AU7/ECC82/6680/ 5814	E180F	6688	HBC90	12AT6
6201	12AT7/6679/ECC81/ B152/B309	EAA91	6AL5/5726/EB91 6663	HBC91	12AV6
6202	6X4/EZ90/U78/ V2M70	EABC80	6AK8/6T8	HCH81	12AJ7
6265	6BH6/6661	EAF42	6CT7	HD14	DAC32/1H5
6267	EL84/6BQ5	EB91	6AL5/DD6/D77/D152/ 5727/6663/EAA91	HF93	12BA6
6281	CK574	EBC41	6CV7	HF94	12AU6
6626	0A2/150C2/6073/ 6676	EBC90	6AT6/DH77	HK90	12BE6
6627	0B2/108C2/6074	EBC91	6AV6	HL92	50C5
		EBF80	6N8	HL94	30A5
		EC80	6Q4	HM04	EK90/6BE6/5750
		EC81	6R4	HY90	3SW4
				KR-1	1V
				KR-25	2A5
				KT32	25L6
				LA	6A4

TUBE	EQUIVALENT	TUBE	EQUIVALENT	TUBE	EQUIVALENT
6660	6BA6/5749/EF93/ PM04	EC90	6C4/6135	L63	6J5
6661	6BH6/6265	EC91	6AQ4	M7	117L7
6662	6BJ6	EC92	6AB4	N14	DL35/1C5
6663	6AL5/5726/EB91/EAA91	ECC33	65W7/65N7/865	N17	DL92/3S4/IP10
6669	6AQ5/6005/EL90/N727	ECC81	12AT7/B152/B309/ 6679/6201	N18	3Q4/DL95
6676	0A2/150C2/6073/6626	ECC82	12AU7/6680/5814/ 6189	N727	6AQ5/EL90/6669/ 6005
6677	6CL6	ECC83	12AX7/5751/6681/ 12DT7	PABC80	9AK8
6678	6U8/ECF82	ECC85	6AQ8	PCC84	7AN7
6679	12AT7/ECC81/6201/ B152/B309	ECC88	6DJ8	PCC85	9AQ8
6680	12AU7/6189/5814/ECC82	ECC91	6J6	PCF80	9A8
6681	12AX7/5751/12DT7/7025/ ECC83	ECF80	6BL8	PL36	25E5
6688	E180F	ECF82	6U8/6678	PL81	21A6
6829	5965/12AV7	ECH42	6CU7	PL1267	0A4/1267
6922	E88CC	ECH81	6AJ8	PM04	6BA6/EF93/57491/ 6660
7025	12AX7/12DT7/5751/ 6681/ECC83	ECH83	6DS8	PM05	DP61/EF95/6AK5/5654
1267	0A4/PL1267	ECL80	6AB8	PY81	1723
1291	3B7	ECL83	6BM8	QE06140	5933/807
1294	1R4	EF41	6CJ5	U78	6X4/EZ90/6202/V2M70
1642	2C21	EF80	6BX6	U147	EZ35
1852	6AC7/6134	EF85	6BY7	UAF42	12S7
1853	6AB7	EF86	Z729/6267/EL84/ 6BQ5	UCH81	19D8
7036	6BY6/5915	EF89	6DA6	UF41	12AC5
7077	6BY4	EF91	6AM6	V2M70	6X4/EZ90/6202/U78
7196	2C22	EF92	6CQ6	VR-75	0A3
7247	12DW7	EF93	6BA6/PM04/5749/ 6660	VR90	0B3
8016	1B3	EF94	6AU6/6136	VR105	0C3
B36	12SN7	EF95	6AK5/5654/DP61/ PM05	VR150	0D3/150C3
B65	6SN7/ECC33	EH90	6CS7	W17	0F91/1T4/1F3
B152	ECC81/12AT7/B309/ 6679/6201	EK90	6BE6/HM04/5750	X17	0K91/1R5/1C1
B309	ECC81/12AT7/6679/ 6201/B152	EL34	6CA7	XXD	14AF7
CK574	6281	EL36	6CM5	Z63	6J7
D63	6H6	EL37	5881/6L6/5932	Z729	EL84/6BQ5/EF86/6267
D77	DD6/6AL5/EB91/D152/ 6663/5726	EL38	6CN6	Z2669	3DG4
		EL41	6CK5	ZD17	DAF91/1S5/1FD9

**HONOR-BUIZENTESTER TE-50****Bedieningsorganen:**

Knop voor gloeidraadspanning (Fil. volts) met negen standen:
 A= 1.4 volt, B= 2.5 volt, C= 5 volt, D= 6.3 volt, E= 12.6 volt,
 F= 25 volt, G= 50 volt, H= neutraal, J= 110 volt.

Netschakelaar met drie standen:

OFF= Uitgeschakeld, HI= 220 tot 240 volt netsp. LOW= 200 tot 220 volt netsp.

Schakelaar TUBE met drie standen:

LEAK= Interelectrodelek.

SPEC= Emissiemeting in die gevallen waarbij in de lijst een S vermeld is.

QUAL= Emissiemeting in alle overige gevallen.

Tien schakelaars FNPk voor aansluiting van de diverse buiselectroden aan de verschillende meetschakelingen. De nummers 1 t/m 9 corresponderen met de elektroden aan de buisvoet, de laatste schakelaar TC met de eventuele topaansluiting van de buis, via het snoertje.

Verklikkerlampje AC IND, geeft aan dat de buizentester ingeschakeld is.

Indicatielampje LEAK IND, gloeit op bij interelectrode lek.

Regelknop LOAD, regelbare bealstingsweerstand instellen volgens opgave lijst.

Controle op interelectrodelek of kortsluiting.

Buizentester aansluiten en inschakelen (HI of LOW zie boven), schakelaar TUBE in stand LEAK, schakelaar FIL. VOLTS in de voor de buis aangegeven stand.

De FNPk schakelaars eveneens in de aangegeven standen, alle niet genoemde FNPk schakelaars in de stand K (dus niet in de stand P).

Buis in de ervoor bestemde buisvoet steken en ca. 30 seconden laten opwarmen. Met uitzondering van de reeds in de stads F of N staande schakelaars alle FNPk schakelaars stuk voor stuk in stand P brengen, kijken of het lampje LEAK IND oplicht en daarna de schakelaar terug in stand K. Oplichten van het lampje duidt op sluiting. Bij eindbuizen zoals EL 84 is zacht gloeien van het lampje normaal. Indien het lampje opgloeit bij het inschakelen van een der electrodes in de lijst aangegeven onder FIL. CONT. geeft dit aan dat de gloeidraad niet onderbroken is.

Controle op emissie.

Deze test alleen uitvoeren wanneer de buis geen aansluiting heeft.

Schakelaar TUBE in stand QUAL; wanneer in de kolom P achter het buistype de letter S voorkomt, de schakelaar in stand SPEC, hierbij gloeit de neon indicator. Regelknop LOAD en schakelknop VIL VOLTS in de aangegeven standen, evenals de FNPk schakelaars, tester inschakelen en 30 seconden laten opwarmen. De BAD (slecht), ? , GOOD (goed) schaal geeft een indruk van de kwaliteit van de buis, bij diodes is een lage uitslag van 20 normaal. Buizen met meer dan een functie zijn in de lijst met meer regels vermeld.

Type	Fil Volts	F	N	P	LOAD	Fil CONT.	Type	Fil Volts	F	N	P	LOAD	Fil CONT.
DA90	A	1	2,5	6S	10	1,7	EB91	D	3	6	2S	25	3,4
DAF91	A	1		3S	100	1,7		D	3	6	7S	25	3,4
	A	1		6	60	1,7	EBC33	D	2		TC	30	2,7
DAF92	A	1		6	60	1,7		D	2		4S	100	2,7
	A	1		4	100	1,7x)		D	2		5S	100	2,7
DAF96	A	7	2	3S	100	1,7	EBC81	D	4	9	2	30	4,5
	A	7	2	6	60	1,7		D	4	9	6S	100	4,5
DC70	A	4	3	1S	60	4,5		D	4	9	8S	100	4,5
DC90	A	1	2,4,5	6	60	1,7	EBC90	D	3		1	30	3,4
DC96	A	1	2,4,5	6	60	1,7		D	3		5S	100	3,4
DCC90	B	1	4	3	60	1,7		D	3		6S	100	3,4
	B	1	4	5	60	1,7	EBC91	D	3		1	30	3,4
DF91	A	7	5	6	60	1,7		D	3		5S	100	3,4
DF92	A	7	5	6	65	1,7		D	3		6S	100	3,4
DF96	A	7	4,5	6	60	1,7	EBF32	D	3		TC	30	2,7
DF97	A	7	5	6	60	1,7		D	2		4S	100	2,7
DF904	A	7	5	6	60	1,7		D	2		5S	100	2,7
DK91	A	7	5	4	60	1,7	EBF80	D	4		2	30	4,5
DK92	A	1		4	60	1,7		D	4		7S	100	4,5
DK96	A	1		4	60	1,7		D	4		8S	100	4,5
DL33	B	2	8	5	40	2,7	EBF83	D	4		2	30	4,5
DL35	A	2		5	30	2,7		D	4		7S	100	4,5
DL36	A	2		5	30	2,7		D	4		8S	100	4,5
DL91	A	1	5,6	3	40	1,7	EBF89	D	4		2	30	4,5
DL92	B	1	2,5	3	40	1,7		D	4		7S	100	4,5
DL93	B	1	2,5	4	30	1,7		D	4		8S	100	4,5
DL94	B	1	5	6	40	1,7	EC80	D	4	1,2,7	8	35	4,5
DL95	B	1	2,5	3	40	1,8	EC81	D	4		1	35	4,5
DL96	B	1	5	6	30	1,7	EC86	D	4	2,6,7,9	8	35	4,5
DL98	B	4	2,6	3	30	4,5	EC88	D	4	3,6,7,9	1	35	4,5
DM70	A	4	2	1S	100	4,5	EC90	D	3	2,5	6	35	3,4
DM71	A	4	2	1S	100	4,5	EC91	D	3	5,6	1	35	3,4
DY80	A	1	3,4,5, 6,7,8, 9				EC92	D	3	2,5	6	30	3,4
				TCS	100	1,2	ECC81	E	4	9	2	35	4,5
							ECC82	E	4	9	7	35	4,5
DY86			idem				ECC83	E	4	9	2	35	4,5
DY87			idem				ECC84	E	4	9	7	35	4,5
E81CC	E	4	9	2	35	4,5	ECC85	D	4	8	2	35	4,5
	E	4	9	7	35	4,5		D	4	8	6	35	4,5
E82CC	E	4	9	2	35	4,5	ECC86	D	4		2	35	4,5
	E	4	9	7	35	4,5		D	4		7	35	4,5
E83CC	E	4	9	2	35	4,5	ECC88	D	4		2	35	4,5
	E	4	9	7	35	4,5		D	4		7	35	4,5
E91AA	D	3	6	2S	100	3,4	ECC91	D	3		5	30	3,4
	D	3	6	7S	100	3,4		D	3		6	30	3,4
E91H	D	3		1	30	3,4	ECC186	E	4	9	2	35	4,5
E91N	D	3	7	1	30	3,4		E	4	9	7	35	4,5
E95F	D	3	7	1	30	3,4	ECC189	D	4		2	35	4,5
EAA91	D	3	6	2S	25	3,4		D	4		7	35	4,5
	D	3	6	7S	25	3,4	ECC801S	E	4	9	2	35	4,5
EAA901S	D	3	6	2S	100	3,4		E	4	9	7	35	4,5
	D	3	6	7S	100	3,4	ECC802S	E	4	9	2	35	4,5
EABC80	D	4		1S	100	4,5		E	4	9	7	35	4,5
	D	4		2S	100	4,5	ECC803S	E	4	9	2	35	4,5
	D	4		6S	100	4,5		E	4	9	7	35	4,5
	D	4		8	30	4,5		E	4	9	7	35	4,5

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Type	Fil Volts	F	N	P	LOAD	Fil CONT.	Type	Fil Volts	F	N	P	LOAD	Fil CONT.
ECF80	D	4		2	30	4,5	EM81	D	4	3,6,8	1	30	4,5
	D	4		9	30	4,5	EM84	D	4	2,8	1	30	4,5
ECF82	D	4		2	30	4,5	EM87	D	4	2,8	1	30	4,5
	D	4		9	30	4,5	EM93	D	3		1	30	3,4
ECF83	D	4		2	30	4,5	EQ80	D	4	8	7	30	4,5
	D	4		9	30	4,5	EY80	D	4	1,2,6, 7,8	9S	35	4,5
ECF86	D	4	1	2	40	4,5	EY81	D	4	1,2,3, 6,7,8	9S	35	4,5
	D	4	1	6	40	4,5	EY82	D	4	1,2,6, 7,8	9S	35	4,5
ECH35	D	2		TC	40	2,7	EY86	D	2	1,3,4, 5,6,7,8	TCS	35	2,9
	D	2		5	40	2,7	EY87			idem			
ECH81	D	4		2	30	4,5	EY88	D	4	1,2,3, 6,7,8	9S	35	4,5
	D	4		9	30	4,5	EY91	D	3	5	1S	35	3,4
ECH83	D	4		2	30	4,5	EZ35	D	2		3S	35	2,7
	D	4		9	30	4,5		D	2		5S	35	2,7
ECL80	D	4		2	30	4,5	EZ80	D	4	2,6,8,9	1S	35	4,5
	D	4		9	30	4,5		D	4	2,6,8,9	7S	35	4,5
ECL82	D	4		1	35	4,5	EZ81			idem			
	D	4		3	35	4,5	EZ90	D	3		1S	35	3,4
ECL84	D	4		1	35	4,5		D	3		6S	35	3,4
	D	4		8	35	4,5	GZ32	C	2		4	35	2,8
ECL85	D	4		2	35	4,5		C	2		6	35	2,8
	D	4		9	35	4,5	GZ34	C	2	1	4	35	2,8
ECL86	D	4		1	35	4,5		C	2	1	6	35	2,8
	D	4		8	35	4,5	HBC90	E	3		1	35	3,4
EF37A	D	2		TC	30	2,7		E	3		5S	100	3,4
EF39	D	2		TC	30	2,7		E	3		6S	100	3,4
EF80	D	4	1	2	30	4,5		E	3		6S	100	3,4
EF83	D	4	2	9	35	4,5	HBC91	E	3		1	35	3,4
EF85	D	4	1	2	35	4,5		E	3		5S	100	3,4
EF86	D	4	6	9	40	4,5		E	3		6S	100	3,4
EF89	D	4	1	2	35	4,5		E	3		1	35	3,4
EF91	D	3		1	30	3,4	HCH81	E	4		2	30	4,5
EF92	D	3		1	30	3,4		E	4		9	30	4,5
EF93	D	3		1	30	3,4	HF94	E	3		1	35	3,4
EF94	D	3		1	30	3,4	HK90	E	3		1	35	3,4
EF95	D	3	7	1	30	3,4	HL92	G	3	2	5	30	3,4
EF97	D	3		1	30	3,4	HY90	F	3	6	5S	35	3,4
EF98	D	3		1	30	3,4	PABC80	D	4		1S	100	4,5
EF183	D	4		2	30	4,5		D	4		2S	100	4,5
EF184	D	4		2	30	4,5		D	4		6S	100	4,5
EF731	D	3	4,8	1	30	3,6	PC86	B	4	6,7,8,9	2	35	4,5
EF732	D	3	4,8	1	30	3,6	PC88	B	4	3,6,7,9	1	35	4,5
EH90	D	3		1	30	3,4	PC92	B	3	2,5	6	30	3,4
EK90	D	3		1	30	3,4	PCC84	D	4	8	2	35	4,5
EL33	D	2		5	30	2,7		D	4	8	6	35	4,5
EL34	D	2		5	30	2,7	PCC85	D	4		2	35	4,5
EL36	D	2	1,3	5	30	2,7		D	4		7	35	4,5
EL81	D	4	1,6,7	2	30	4,5	PCC88			idem			
EL82	D	4	1,6,8	2	30	4,5	PCC189			idem			
EL83	D	4	9	2	30	4,3	PCF80	D	4		2	40	4,5
EL84	D	4	1,6,8	2	30	4,5		D	4		9	40	4,5
EL86	D	4	1,6,8	2	30	4,5	PCF82			idem			
EL90	D	3	7	1	30	3,4	PCF86	D	4	1	2	40	4,5
EL91	D	3		1	30	3,4		D	4	1	6	40	4,5
EL95	D	3	7	1	30	3,4							
EL360	D	2	1,3	5	30	2,7							
EL803	D	4	9	2	30	4,5							
EM34	D	2		4	30	2,7							
EM80	D	4	3,6,8	1	30	4,5							

Type	Fil Volts	F	N	P	LOAD	Fil CONT.	Type	Fil Volts	F	N	P	LOAD	Fil CONT.
PCL82	E	4		1	30	4,5	XCC189	C	4	9	2	35	4,5
	E	4		3	30	4,5		C	4	9	7	35	4,5
PCL84	E	4		1	30	4,5	XCF80	C	4		2	30	4,5
	E	4		8	30	4,5		C	4		9	30	4,5
PCL85	E	4		2	30	4,5	XCH81	B	4		2	30	4,5
	E	4		9	30	4,5		B	4		9	30	4,5
PCL86	E	4		1	30	4,5	XCL82	D	4		1	35	4,5
	E	4		8	30	4,5		D	4		3	35	4,5
PF86	B	4	6	9	40	4,5	XCL84	D	4		1	35	4,5
PL36	F	2	1,3,6	5	30	2,7		D	4		8	35	4,5
PL81	F	4	1,6,7	2	30	4,5	XCL85	D	4		2	35	4,5
PL82	E	4	1,6,8	2	30	4,5		D	4		9	35	4,5
PL83	E	4	9	2	30	4,5	XF80	B	4	1	2	30	4,5
PL84	E	4	1,6,8	2	30	4,5	XF85	B	4	1	2	30	4,5
PL136	F	2	1,5,6	4	30	2,7	XF86	B	4	2	9	30	4,5
PM84	C	4	2,8	1	30	4,5	XF183	B	4		2	30	4,5
PY81	E	4	1,2,3, 6,7,8	9S	35	4,5	XF184	B	4		2	30	4,5
							XL36	E	2	1,3,6	5	30	2,7
PY82	F	4	1,2,6,7,8	9S	35	4,5	XL84	D	4	1,6,8	2	30	4,5
PY83	F	4	1,2,3, 6,7,8	TCS	35	4,5	XL86			idem			
PY88	F	4	1,2,3, 6,7,8	9S	35	4,5	XY88	E	4	1,2,3, 6,7,8	9S	35	4,5
UAA91	E	3	6	7S	100	3,4							
	E	3	6	2S	100	3,4							
UABC80	F	4		8	35	4,5							
	F	4		1S	100	4,5							
	F	4		2S	100	4,5							
	F	4		6S	100	4,5							
UBC81	E	4	3,9	2	35	4,5							
	E	4	3,9	6S	100	4,5							
	E	4	3,9	8S	100	4,5							
UBF80	E	4		2	30	4,5							
	E	4		7S	100	4,5							
	E	4		8S	100	4,5							
UBF89	F	4		2	30	4,5							
	F	4		7S	100	4,5							
	F	4		8S	100	4,5							
UC92	D	3	2,5	6	30	3,4							
UCC85	F	4		2	30	4,5							
	F	4		7	30	4,5							
UCH81	F	4		2	30	4,5							
	F	4		9	30	4,5							
UCL81	G	4	8	1	35	4,5							
	G	4	8	9	35	4,5							
UCL82	G	4		1	35	4,5							
	G	4		3	35	4,5							
UF80	F	4	1	2	30	4,5							
UF85	F	4	1	2	35	4,5							
UF89	E	4	1	2	35	4,5							
UL84	G	4	1,6,8	2	30	4,5							
UM80	F	4	3,6,8	1	30	4,5							
UM84	E	4	2,8	1	30	4,5							
UY82	G	4	1,2,6,7,8	9S	35	4,5							
UY85			idem										
UY89	F	4	1,2,6,7,8	9S	35	4,5							
UY92	F	3	1,2,6	5	35	3,4							
XCC82	B	4	9	2	35	4,5							
	B	4	9	7	35	4,5							