



Philips 785 AX

CONDENSERS.		
Designation.	Value.	Code No.
C1	32 μ F	{ 28.182.40 28.182.40 or 28.180.13
C2	32 μ F	
C3	50 μ F	
C4	0.1 μ F	28.182.32
C5	32 μ F	28.199.09
C6	2 $\mu\mu$ F	28.182.40
C8	0.1 $\mu\mu$ F	28.205.88
C9	11—490 $\mu\mu$ F	{ 28.201.18* 28.212.01
C10	11—490 $\mu\mu$ F	
C11	11—490 $\mu\mu$ F	
C12	100 $\mu\mu$ F	See sh. 12
C13	2.5—30 $\mu\mu$ F	See sh. 12
C14	2.5—30 $\mu\mu$ F	28.211.32
C15	2.5—30 $\mu\mu$ F	See sh. 12
C16	2.5—30 $\mu\mu$ F	See sh. 12
C17	2.5—30 $\mu\mu$ F	See sh. 12
C18	12—170 $\mu\mu$ F	28.211.31
C19	12—170 $\mu\mu$ F	28.211.31
C20	2.5—30 $\mu\mu$ F	28.211.32
C21	12—170 $\mu\mu$ F	28.211.31
C22	12—170 $\mu\mu$ F	See sh. 12
C23	12—170 $\mu\mu$ F	28.211.31
C24	12—170 $\mu\mu$ F	See sh. 12
C25	500 $\mu\mu$ F	28.192.50
C26	20 $\mu\mu$ F	28.206.37
C27	10 $\mu\mu$ F	28.206.34
C28	4 $\mu\mu$ F	28.206.53
C29	16,000 $\mu\mu$ F	28.201.10
C30	25,000 $\mu\mu$ F	28.201.12*
C31	100 $\mu\mu$ F	28.206.27
C32	50,000 $\mu\mu$ F	28.201.15
C33	500 $\mu\mu$ F	28.190.20*
C34	650 $\mu\mu$ F	28.192.25
C35	1,375 $\mu\mu$ F	28.192.30
C36	0.1 μ F	28.201.18
C37	0.1 μ F	28.201.18
C38	20 $\mu\mu$ F	28.206.37
C39	50,000 $\mu\mu$ F	28.201.15
C40	50 $\mu\mu$ F	28.206.24
C41	4,000 $\mu\mu$ F	28.198.95*
C42	400 $\mu\mu$ F	28.190.19*
C43	400 $\mu\mu$ F	28.190.19*
C44	100 $\mu\mu$ F	28.192.43*
C45	8,000 $\mu\mu$ F	28.198.98*
C46	400 $\mu\mu$ F	28.190.19
C47	50,000 $\mu\mu$ F	28.201.15
C48	2,000 $\mu\mu$ F	28.201.48*
C49	50,000 $\mu\mu$ F	28.201.15
C51	20,000 $\mu\mu$ F	28.201.65

* See page 11.

Philips 785 AX

RESISTANCES.

Designa- tion.	Value.	Code No.	Designa- tion.	Value.	Code No.
R1	125 Ohm	28.770.81	R20	0.8 M. Ohm	28.773.99
R2	32,000 Ohm	28.773.85	R21	0.16 M. Ohm	28.773.92
R3	25,000 Ohm	28.770.39	R22	0.32 M. Ohm	28.818.21
R4	12,500 Ohm	28.771.01	R23	3,200 Ohm	28.773.75
R5	0.1 M. Ohm	28.773.90	R24	20 Ohm	28.773.53
R6	50,000 Ohm	28.773.87	R25	0.5 M. Ohm	28.773.97
R7	250 Ohm	28.773.64	R27	0.1 M. Ohm	28.773.90
R8	2,500 Ohm	28.773.74	R28	1 M. Ohm	28.770.55
R9	50,000 Ohm	28.773.87	R29	0.4 M. Ohm	28.773.96
R10	0.32 M. Ohm	28.773.95	R30	1,000 Ohm	28.773.70
R12	250 Ohm	28.773.64	R32	50 Ohm	28.773.57
R13	2 M. Ohm	28.771.23	R33	9 M. Ohm	{ 28.771.27
R14	2 M. Ohm	28.771.23			28.771.26
R15	5 M. Ohm	28.771.27	R34	800 Ohm	28.773.69
R16	1.6 M. Ohm	28.770.57	R37	32 Ohm	28.773.55
R17	0.25 M. Ohm	28.773.94	R38	10,000 Ohm	28.773.80
R19	0.35 M. Ohm	28.818.29	R41	200 Ohm	28.818.28
			R42	10,000 Ohm	28.773.80

R42 may be fitted across S17.

Philips 785 AX

TABLE OF VOLTAGES AND CURRENTS.

	L1 (FC4)	L2 (VP4B)	L3 (TDD4)	L4 (PEN4DD)	
Va	260	260	75	250	Volts
Vg'	55	150	—	260	Volts
Vg' 2.3.5	55	—	—	—	Volts
Ia	1—0	8.5	0.7	32.0	Milliamps.
Ig'	g2 = 1.0 ma. g3.5 = 1.2 ma.	3.0	—	4.5	Milliamps.

L7, L8 Dial Lamps ... = 8042.37 Rectifier Valve, type 1821.
 L9 Dial Lamp ... = 8042.07
 Tuning Indicator ... = TV4.
 Voltage across C2 ... = 260 v.
 Primary Current at 245 v. = 275 ma.