turns ratio

Edcor line matching transformers. May be ordered with 4 or 8 Ohm low Z side, and a 140VCT High Z side.
(pri/sec may be reversed per Edcor)

Product Line Specifications:	
Primary (input) Impedance	4 or 8 Ohms
Secondary (output) Voltage	25V, 70V, 100V, or 140V
Frequency Response	40~20K Hz., <1dBu
THD+Noise	<0.1% @ 1K Hz.
Insertion Loss	1 dB
Bobbin Material	Nylon 6/6 GF-30
Flamability Rating	Class B 130°C
Core Material	M-6 29 ga. grain oriented lamination steel
Secondary Insulation	Clear air dry polyester varnish
Termination	UL1015, 18 ga. lead wire
Mounting	Zinc plated steel brackets
Weight	see datasheet
Compliance	RoHS & REACH

see individual specification sheets at edcor.com

Figures are for Specification Wattage and Frequency Response except where noted.

Model	WA15	WA30	WA60	WA120	WA150	WA240	WA400
Max Wattage	15	30	60	120	150	240	400
Sec. V RMS CT	140	140	140	140	140	140	140
SEC V peak (grid-grid) CT	200	200	200	200	200	200	200
SEC RMS Current (A)	0.107	0.214	0.429	0.857	1.071	1.714	2.857
SEC peak Current (A)	0.152	0.303	0.606	1.212	1.515	2.424	4.041
SEC Impedance Ohm CT	1867	933	467	233	187	117	70
8 Ohm PRI V RMS	10.95	15.49	21.91	30.98	34.64	43.82	56.57
8 Ohm PRI V peak	15.49	21.91	30.98	43.82	48.99	61.97	80.00
8 Ohm Turns Ratio	12.78	9.04	6.39	4.52	4.04	3.20	2.47
4 Ohm PRI V RMS	7.75	10.95	15.49	21.91	24.49	30.98	40.00
4 Ohm PRI V peak	10.95	15.49	21.91	30.98	34.64	43.82	56.57
4 Ohm Turns Ratio	18.07	12.78	9.04	6.39	5.72	4.52	3.50
MAX Watts for 28Hz	7.5	15	30	60	75	120	200
MAX Watts for 20Hz	3.75	7.5	15	30	37.5	60	100
MAX Watts for 14Hz	1.875	3.75	7.5	15	18.75	30	50
MAX Watts for 10Hz	0.9375	1.875	3.75	7.5	9.375	15	25

70V and 140V



8-140

