

Handbuilt without Compromise to perform without Equal

The one that *started the revolution*; originally designed on June 28th, 1992 by Michael S. LaFevre, the First Series "030" is designed for use in sophisticated low-to-medium power single-ended circuits. The FS-030 is especially suited for use with the W.E. 300B valve. Each 030 is entirely handcrafted and features the finest audiophile-grade materials throughout. The FS-030 is equipped with a very high quality , mil-spec, Teflon insulated stranded copper hookup wire. To realize the full performance capabilities of this extremely high quality transformer, please allow approximately 100 hours of music playing time for break-in. Then remember you are listening to something that changed the audio landscape.

PRICE (MSRP): **\$360** Each

This is the first installment of MagneQuest's Single-Ended, air gapped series of output transformer specs online. It is fitting we start with the venerable FS-030, possibly our most famous example of SE air-gapped iron. We will be adding all of our products here with specs, info, and mounting diagrams, as well as tried and true schematics that have brought out the best in our iron, not to mention the music!

These Specifications are subject to change with ongoing product development.

FS-030 Specifications			
Primary Impedance		3,000 ohms	
Maximum Plate Voltage		1000 WVDC	
Primary Inductance		34 H	
DC Plate Current		<u>*see table below</u>	
Output Power		up to 40 watts	
Frequency Response		20-20KHz +/- 1dB	
Lamination Materials		M4, M6	
Hookup Wire Color Codes			
Primary	Red is B+ / Blue to plate		

Secondary	4 ohms Blue to yellow White to Brown Green to Black	9 ohms White to Yellow Blue to Green to Brown	16 ohms Blue to Yellow Green to Brown
Speaker	Connect white to positive (+) / Connect black to negative (-)		
FS-030 Dimensions			
Overall Depth (OD)		4 5/8"	
Overall Width (OW)		3 25/32"	
Mounting Depth (MD)		3.5625"	
Mounting Width (MW)		3.00"	
Mounting Hole (MH)		* Size 8 hardware	
Height (H)		4 1/2"	
Weight		11 lbs.	
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FS-030 50hz Inductance-Current Measurements			
<u>I (madc)</u>	<u>L (hy)</u>	<u>VRMS</u>	<u>POWER</u>
60	34	10	.033 watts
80	31.5	10	.033 watts
90	30	10	.033 watts
100	27.3	10	.033 watts
60	37.5	50	.83 watts
80	35.8	50	.83 watts
90	34	50	.83 watts
100	32.2	50	.83 watts
60	41	100	3.33 watts
80	38.7	100	3.33 watts
90	37.5	100	3.33 watts
100	34.5	100	3.33 watts

90	39	212	15 watts
100	36.5	212	15 watts

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