



404-0100-04T	
Ballast Type	<b>Metal Halide</b>
Lamp	<b>100W M90</b>
Circuit Type	<b>HX-NPF w/o capacitor</b> <b>HX-HPF with capacitor</b>
Input Frequency	<b>60 Hz</b>

Model No:		404-0100-04T				Capacitor (Optional)		
Input Voltage		120	208	240	277	Capacitance	12 $\mu$ F $\pm$ 3%	
Operating Current (HPF)		1.1	0.6	0.5	0.5	Minimum Volts	280V	
Open Circuit Current		2.3	1.3	1.1	1.0	Dry	Diameter	1.60"
Starting Current (*ANSI: 1.1 ~ 1.5)		1.3	1.3	1.3	1.3		Height	2.70"
CCF (*ANSI: $\leq$ 1.8)		1.6	1.6	1.6	1.5	Oil	Diameter	
Short Circuit Current	Secondary	1.3	1.3	1.3	1.3		Height	
	Input	1.3	0.7	0.6	0.6	Case Max. Temperature	105°C Dry	
Recommended Fuse (HPF)		8	6	4	4	Ignitor (Required)		
Input Voltage At Lamp Dropout						Ignitor Model	MHR1	
UL 1029 Bench Top Rise		D	D	D	D	Pulse Height (kV)	3.0 ~ 4.0	
OCV (*ANSI: $\geq$ 235)		274 (235 ~ 310)				Pulse Width ( $\geq$ $\mu$ s)	1.3 @ 2.7	
Input Power		119W						
Power Factor		$\geq$ 90%						
Regulation	Line Volts	$\pm$ 5%						
	Lamp Watts	$\pm$ 5%						
Insulation System		Class H, 180°C						
Ballast Dimension	A	1.6"						
	B	2.9"						
Ballast Net Weight		5.0 lbs.						
Leads		12"-Cross Link Polyolefin				Min. Starting Temp.	-20°F / -30°C	

\* Ref. ANSI C78.43-2007

Ballast Dimension	Wiring Diagram
<p><b>Ballast Dimension</b></p> <p>3" x 4" core</p> <p>4 Holes <math>\geq</math> 0.195" Cleared for #10 bolts</p>	<p><b>Wiring Diagram</b></p> <p>CAP (BLK/WHT)</p> <p>LAMP (Red)</p> <p>277V (Black)</p> <p>240V (Violet)</p> <p>208V (Orange)</p> <p>120V (BLK/YEL)</p> <p>COM (White)</p> <p>COM (White)</p> <p>IGNITOR</p> <p>X3 (Blue)</p> <p>X1 (Red)</p> <p>X2 (White)</p> <p>LAMP</p> <p>White</p>
<p><b>Ignitor (Kit)</b></p> <p>2.6"</p> <p>1.4"</p>	<p><b>Capacitor (Kit)</b></p> <p>Height</p> <p>Diameter</p> <p>Dimensions are <math>\pm</math> 0.06". Contact Jefferson Electric for additional case dimensions</p>

When ordering, add suffix for options:

- I – with ignitor
- DC – with dry film capacitor
- OC – with oil filled capacitor
- K – with distributor replacement kit (include bracket, capacitor and ignitor as necessary.)

Specifications are subject to change without notice.

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