



404-0150-04T	
Ballast Type	Metal Halide
Lamp	150W M102 / M142
Circuit Type	HX-NPF w/o capacitor HX-HPF with capacitor
Input Frequency	60 Hz

Suitable for use in ambient conditions not exceeding 55°C

Model No: 404-0150-04T					Capacitor (Optional)		
Input Voltage	120	208	240	277	Capacitance	16µF ± 3%	
Operating Current (HPF)	1.7	1.0	0.8	0.7	Minimum Volts	280V	
Open Circuit Current	3.4	2.0	1.7	1.4	Dry	Diameter	1.60"
Starting Current (*ANSI: 1.8 ~ 3.0)	2.3	2.3	2.3	2.3		Height	2.70"
CCF (*ANSI: ≤1.8)	1.5	1.5	1.5	1.5	Oil	Diameter	
Short Circuit Current	Secondary	2.4	2.4	2.4		2.4	Height
	Input	1.9	1.0	0.9	0.8	Case Max. Temperature	105°C Dry
Recommended Fuse (HPF)	5	3	2	2	Ignitor (Required)		
Input Voltage At Lamp Dropout					Ignitor Model	MHR1	
UL 1029 Bench Top Rise	A	B	A	A	Pulse Height (kV)	3.0 ~ 4.0	
OCV (*ANSI: ≥235)	257 (235 ~ 290)				Pulse Width (≥µs)	1.3 @ 2.7	
Input Power	186W						
Power Factor	≥ 90%						
Regulation	Line Volts	± 5%					
	Lamp Watts	± 5%					
Insulation System	Class H, 180°C						
Ballast Dimension	A	2.3"					
	B	3.8"					
Ballast Net Weight	7.0 lbs.						
Leads	12"-Cross Link Polyolefin				Min. Starting Temp.	-20°F / -30°C	

* Ref. ANSI C78.43-2007

Ballast Dimension	Wiring Diagram
<p>Ballast Dimension</p> <p>3" x 4" core</p> <p>4 Holes ≥ 0.195" Cleared for #10 bolts</p>	<p>Wiring Diagram</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>Ignitor (Kit)</p> <p>2.6"</p> <p>1.4"</p>	<p>Capacitor (Kit)</p> <p>Height</p> <p>Diameter</p> <p>Dimensions are ± 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.

9650 S. Franklin Drive. • Franklin • Wisconsin 53132 • U.S.A • 414- 209-1620 • Fax: 414- 209-1621

• www.jeffersonelectric.com

Rev: 403-0150-04T-09-04