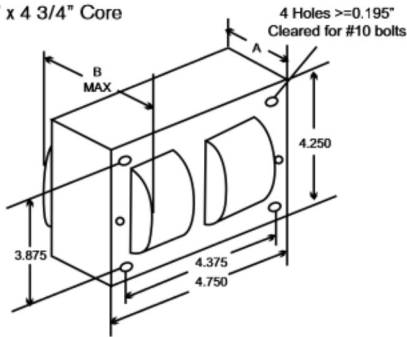
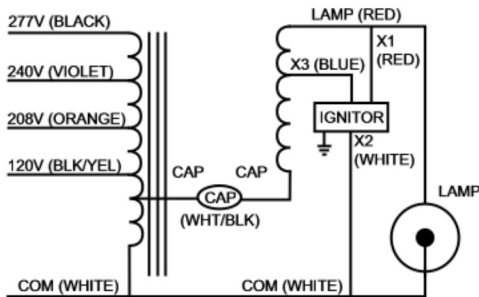


PHYSICAL DIMENSIONS

4 1/4" x 4 3/4" Core

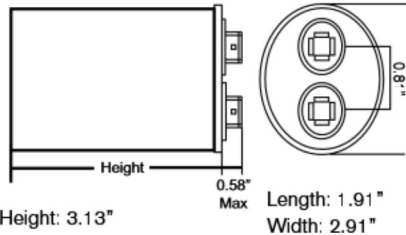
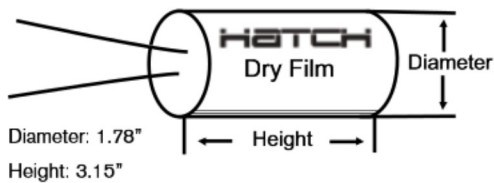


WIRING DIAGRAM

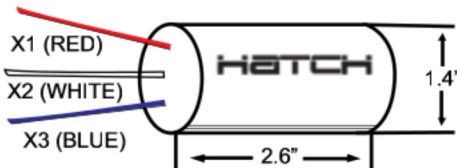


CAPACITOR

Dry Type or Oil Oval



IGNITOR



Pulse Height (kV): 3.0 ~ 4.0

 Pulse Width (\geq μ s): 1.3 @ 2.7kV

**2 YEAR WARRANTY FROM
DATE OF MANUFACTURE**

MAGNETIC HID BALLAST

Ballast Type	Magnetic Pulse Start	Circuit Type	CWA
Lamp	320W Metal Halide M132/M154	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

Input Voltage (V)	Quad Tap				
	120	208	240	277	
Line Current (A)	Operating	3.1	1.8	1.55	1.35
	Open Circuit	1.1	0.6	0.5	0.4
	Starting	2.8	1.3	1.2	1.0
Recommended Fuse	10	6	6	5	
Input Voltage At Lamp Dropout	60	110	120	140	
UL Class H 180°C Temp. Code	B	B	B	B	
Norm. Open Circuit Voltage	279				
Input Power (W)	361				
Power Factor (\geq %)	90				
Regulation (\pm %)	Line Volts	10			
	Lamp Watts	10			
Min. Starting Temp	-20°F / -30°C				
Ballast Dimensions (inches)	A	2.18			
	B	4.4			
Ballast Net Weight (lbs)	11.0				
Lead Length (inches)	12				
Capacitor	Capacitance (μ F)	21			
	Min VAC Rating (V)	345			
Requires Ignitor Model	GMHR3				
Coil Material (Pri./ Sec.)	Al / Al				

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	2.6			
		Max	4.0			
	Input	Min	1.2	0.7	0.6	0.5
		Max	3.5	2.2	2.0	1.8
Open Circuit Voltage (V)	Min	254				
	Max	310				
High Potential Test (V)	1 Minute	1600				
	1 Second	1900				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		2.6 ~ 4.0
CCF	1.6	\leq 1.8
OCV (V)	254 ~ 310	
Off Time (Sec.)	2.2	\leq 2.3
Peak Current (A)	6.0	\leq 7.0
Overshoot (V)	30	\leq 80
VSS (V)	276	\geq 270

OPTIONAL FEATURES

(ADD SUFFIX FOR OPTIONS)

-WB	With welded bracket
-I	With ignitor
-DC	With dry film capacitor
-OC	With oil filled capacitor
-K	With distributor replacement kit (includes bracket, capacitor and ignitor as necessary)