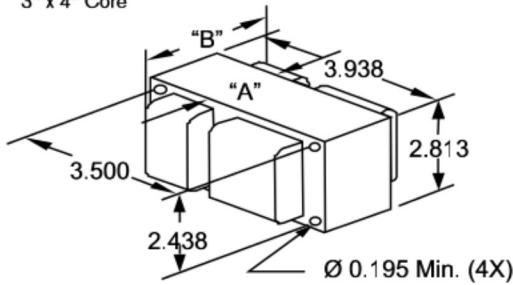
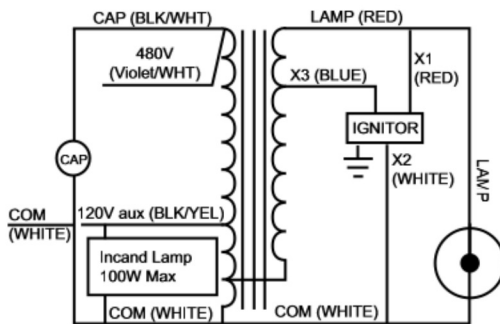


PHYSICAL DIMENSIONS

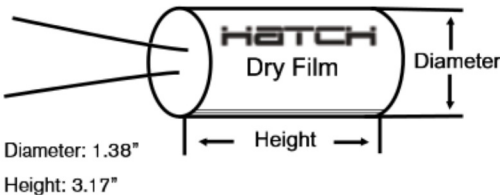
3" x 4" Core



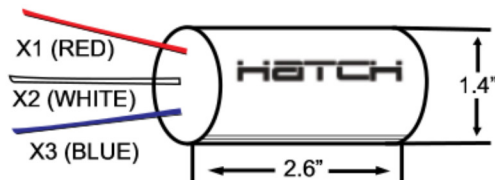
WIRING DIAGRAM



CAPACITOR



IGNITOR



Pulse Height (kV): 3.0 ~ 4.0

Pulse Width ($\geq \mu$ s): 1.3 @ 2.7kV


**2 YEAR WARRANTY FROM
DATE OF MANUFACTURE**

MAGNETIC HID BALLAST

Ballast Type	Magnetic Pulse Start	Circuit Type	HX-HPF
Lamp	100W Metal Halide M90/M140	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Dual Tap			
Input Voltage (V)					480
Line Current (A)	Operating				0.3
	Open Circuit				0.6
	Starting				0.4
Recommended Fuse					2
Input Voltage At Lamp Dropout					160
UL Class H 180°C Temp. Code					C
UL Class N 200°C Temp. Code					A
Nom. Open Circuit Voltage		281			
Input Power (W)		120			
Efficiency (%)		80			
Power Factor ($\geq$ %)		90			
Regulation ($\pm$ %)	Line Volts	5			
	Lamp Watts	10			
Min. Starting Temp		-20°F / -30°C			
Ballast Dimensions (inches)	A	1.61			
	B	2.8			
Ballast Net Weight (lbs)		5.0			
Lead Length (inches)		12			
Capacitor	Capacitance (μ F)	12			
	Min VAC Rating (V)	280			
Requires Ignitor Model		GMHR1			
Coil Material (Pri./ Sec.)		Cu / Cu			

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	1.1				
		Max	1.5				
	Input	Min					0.2
		Max					0.5
Open Circuit Voltage (V)		Min	235				
		Max	310				
High Potential Test (V)		1 Minute	1600				
		1 Second	1900				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		1.1 ~ 1.5
CCF	1.6	≤ 1.8
OCV (V)	235 ~ 310	
Off Time (Sec.)		
Peak Current (A)		
Overshoot (V)		
VSS (V)		

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)