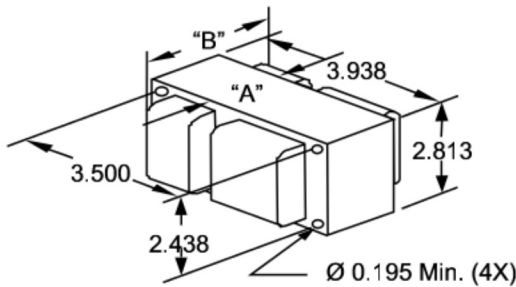
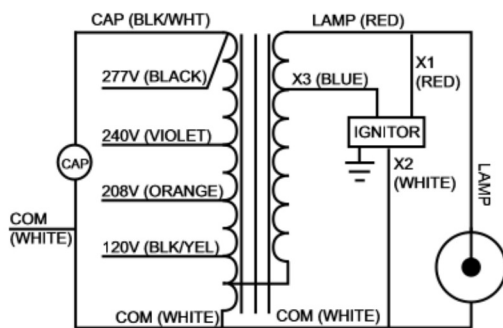


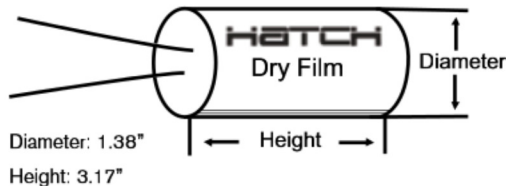
PHYSICAL DIMENSIONS



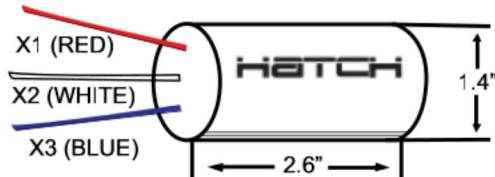
WIRING DIAGRAM



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

Input Voltage (V)		Quad Tap			
		120	208	240	277
Line Current (A)	Operating	1.1	0.6	0.5	0.4
	Open Circuit	2.4	1.4	1.2	1.1
	Starting	1.4	0.7	0.6	0.5
Recommended Fuse		8	6	4	4
Input Voltage At Lamp Dropout		80	130	150	175
UL Class H 180°C Temp. Code		B	A	A	A
UL Class N 200°C Temp. Code		A	A	A	A
Nom. Open Circuit Voltage		276			
Input Power (W)		120			
Power Factor ($\geq$ %)		90			
Regulation ($\pm$ %)	Line Volts	5			
	Lamp Watts	10			
Min. Starting Temp		-20°F / -30°C			
Ballast Dimensions (inches)	A	1.57			
	B	2.95			
Ballast Net Weight (lbs)		4.8			
Lead Length (inches)		12			
Capacitor	Capacitance (μF)	12			
	Min VAC Rating (V)	280			
Requires Ignitor Model		GMHR1			
Coil Material (Pri./ Sec.)		Cu / Al			

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	1.1			
		Max	1.5			
	Input	Min	0.6	0.3	0.3	0.3
		Max	1.9	1.0	0.9	0.8
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	

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)