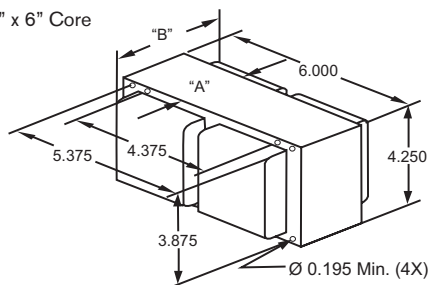
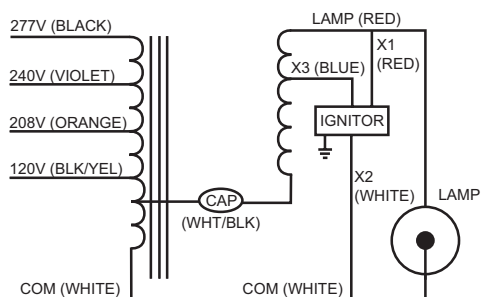


PHYSICAL DIMENSIONS

4 1/4" x 6" Core

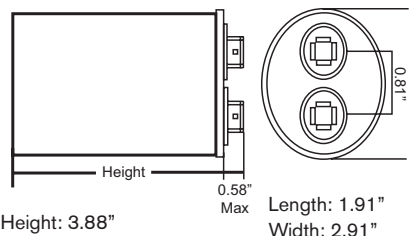
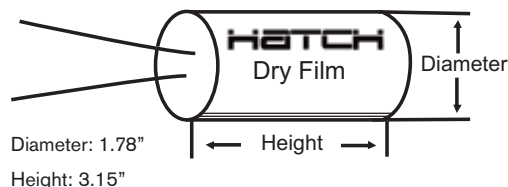


WIRING DIAGRAM

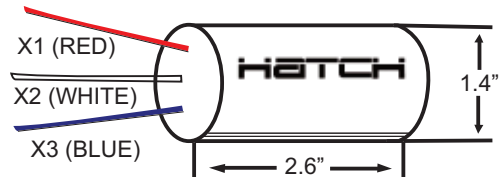


CAPACITOR

Dry Type or Oil Oval



IGNITOR



Pulse Height (kV): 3.0 ~ 4.0

Pulse Width ($\geq \mu$ s): 1.5 @ 2.7kV

**2 YEAR WARRANTY FROM
DATE OF MANUFACTURE**

MAGNETIC HID BALLAST

Ballast Type	Magnetic Pulse Start	Circuit Type	CWA
Lamp	750W Metal Halide M149/M181	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Quad Tap			
Input Voltage (V)		120	208	240	277
Line Current (A)	Operating	7.23	4.05	3.64	3.13
	Open Circuit	6.2	3.7	3.3	3.0
	Starting	4.0	2.4	2.1	1.8
Recommended Fuse		20	10	10	8
Input Voltage At Lamp Dropout		65	110	130	140
UL Class H 180°C Temp. Code		C	B	C	C
UL Class N 200°C Temp. Code		A	A	A	A
Nom. Open Circuit Voltage		370			
Input Power (W)		842			
Power Factor ($\geq$ %)		90			
Regulation ($\pm$ %)	Line Volts	10			
	Lamp Watts	10			
Min. Starting Temp		-20°F / -30°C			
Ballast Dimensions (inches)	A	2.62			
	B	4.8			
Ballast Net Weight (lbs)		17			
Lead Length (inches)		12			
Capacitor	Capacitance (μ F)	24			
	Min VAC Rating (V)	480			
Requires Ignitor Model		GMHR2			
Coil Material (Pri/ Sec.)		Cu / Al			

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	4.0			
		Max	6.1			
	Input	Min	1.8	1.1	0.9	0.7
		Max	5.5	3.5	3.0	2.5
Open Circuit Voltage (V)	Min	330				
	Max	410				
High Potential Test (V)	1 Minute	2000				
	1 Second	2400				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		4.0 ~ 6.1
CCF	1.5	≤ 1.8
OCV (V)	330 ~ 410	
Off Time (Sec.)	2.2	≤ 2.4
Peak Current (A)	9.5	≤ 10.6
Overshoot (V)	62	≤ 100
VSS (V)	360	≥ 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)