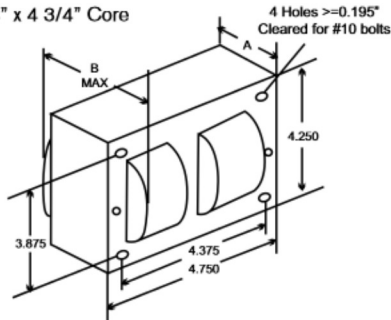
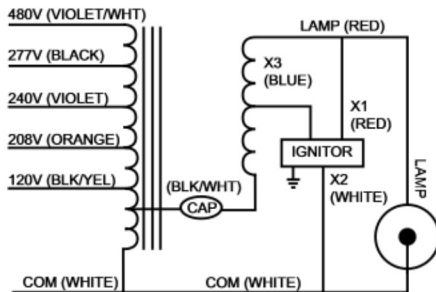


PHYSICAL DIMENSIONS

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

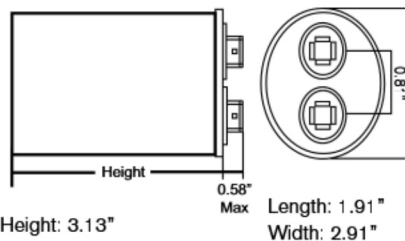
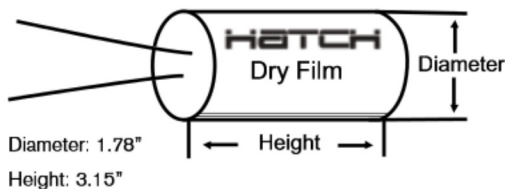


WIRING DIAGRAM

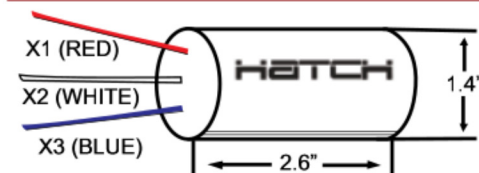


CAPACITOR

Dry Type or Oil Oval



IGNITOR



Pulse Height (kV): 3.0 ~ 4.0

Pulse Width ($\geq \mu s$): 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 OR M154	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Five Tap				
Input Voltage (V)		120	208	240	277	480
Line Current (A)	Operating	3.1	1.8	1.55	1.35	0.78
	Open Circuit	1.8	1.1	0.9	0.8	0.5
	Starting	2.2	1.4	1.2	1.0	0.5
Recommended Fuse		12	8	6	5	3
Input Voltage At Lamp Dropout		60	110	120	150	225
UL Class H 180°C Temp. Code		C	C	C	C	C
Nom. Open Circuit Voltage		276				
Input Power (W)		355				
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)		11.5				
Lead Length (inches)		12				
Capacitor	Capacitance (μF)	21				
	Min VAC Rating (V)	345				
Requires Ignitor Model		GMHR3				
Coil Material (Pri./ Sec.)		Cu / 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	0.3
		Max	3.5	2.2	2.0	1.8	1.0
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	≤ 1.8
OCV (V)	254 ~ 310	
Off Time (Sec.)	2.2	≤ 2.3
Peak Current (A)	6.0	≤ 7.0
Overshoot (V)	44	≤ 80
VSS (V)	276	≥ 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)