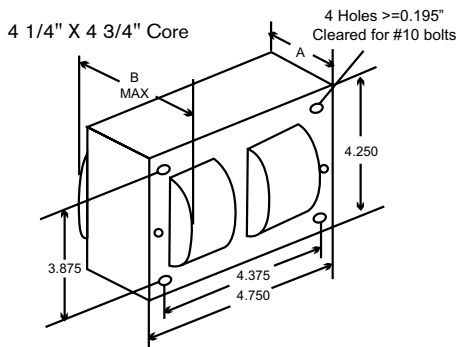
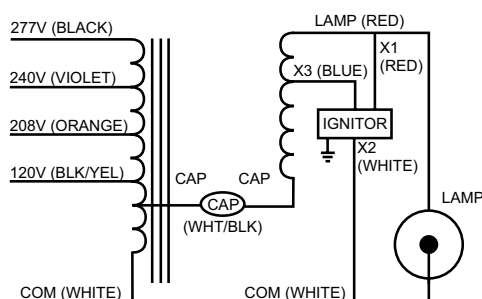


PHYSICAL DIMENSIONS

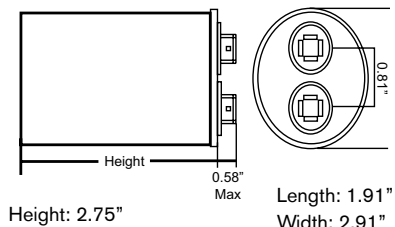
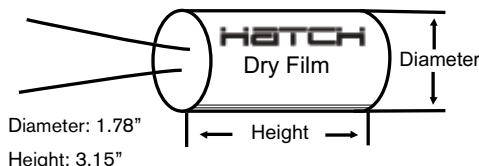


WIRING DIAGRAM

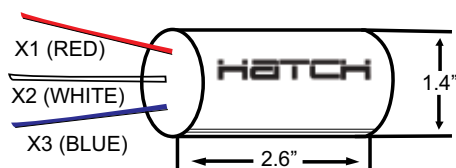


CAPACITOR

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	250W Metal Halide M138/M153	Frequency	60Hz

ELECTRICAL SPECIFICATIONS

		Quad Tap			
Input Voltage (V)		120	208	240	277
Line Current (A)	Operating	2.45	1.40	1.25	1.10
	Open Circuit	1.5	0.8	0.7	0.6
	Starting	2.1	1.2	1.0	0.9
Recommended Fuse		10	6	6	5
Input Voltage At Lamp Dropout		60	110	120	150
UL Class H 180°C Temp. Code		A	A	A	A
Nom. Open Circuit Voltage		274			
Input Power (W)		278			
Power Factor ($\geq$ %)		90			
Regulation ($\pm$ %)	Line Volts	10			
	Lamp Watts	10			
Min. Starting Temp		-20°F / -30°C			
Ballast Dimensions (inches)	A	1.85			
	B	3.78			
Ballast Net Weight (lbs)		9.8			
Lead Length (inches)		12			
Capacitor	Capacitance (μ F)	15			
	Min VAC Rating (V)	400			
Requires Ignitor Model		GMHR3			
Coil Material (Pri./ Sec.)		Al / Al			

60 HZ. TEST PROCEDURES

Short Circuit Current (A)	Secondary	Min	2.1				
		Max	3.2				
	Input	Min	1.1	0.7	0.5	0.4	
		Max	3.3	2.4	1.6	1.5	
Open Circuit Voltage (V)		Min	254				
		Max	320				
High Potential Test (V)		1 Minute	1900				
		1 Second	2300				

REFERENCE LAMP DATA

	Test Range	ANSI Standard
Starting Current (A)		2.1 ~ 3.2
CCF	1.5	≤ 1.8
OCV (V)	254 ~ 320	
Off Time (Sec.)	2.2	≤ 2.3
Peak Current (A)	4.4	≤ 5.0
Overshoot (V)	40	≤ 75
VSS (V)	272	≥ 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)