BALLAST SPECIFICATION

1500W M48

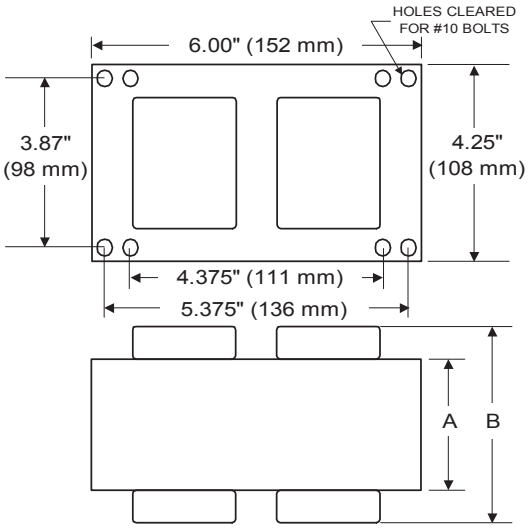
Metal Halide

V90D6612

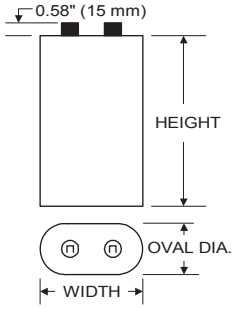
60 Hz CWA C&C

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	13.40	7.75	6.70	5.80
Open Circuit	6.30	3.65	3.15	2.75
Starting	11.30	6.50	5.65	4.90
Recommended Fuse (Amps)	34	19	17	15
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±12%	±12%	±12%	±12%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	G	E	E	E
Benchtop Coil Rise	101.6	90.4	92.4	93.4
Power Factor (%) HPF	90	90	90	90
Input Watts	1605 W	1605 W	1605 W	1605 W
Efficiency				
NOM. Open Circuit Voltage	440	440	440	440
Input Voltage At Lamp Dropout	80	140	160	185
Min Ambient Starting Temp	-20°F/-30°C	-20°F/-30°C	-20°F/-30°C	-20°F/-30°C
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	385 - 475	385 - 475	385 - 475	385 - 475
Short Circuit Current Test (A)				
Secondary Current Min	7.30	7.30	7.30	7.30
Secondary Current Max	9.00	9.00	9.00	9.00
Input Current Min	9.90	5.70	4.95	4.30
Input Current Max	12.10	7.05	6.05	5.30
CORE and COIL Specifications				
Dimension (A)	4.10 in	4.10 in	4.10 in	4.10 in
Dimension (B)	6.10 in	6.10 in	6.10 in	6.10 in
Weight	31.0 lb's	31.0 lb's	31.0 lb's	31.0 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	32.0 uf	32.0 uf	32.0 uf	32.0 uf
Volts (Min)	525 V	525 V	525 V	525 V

4X6 CORE.WMF



Capacitor:	ACB256OV	Ignitor:	None
Microfarads:	32.0 uf		
Volts (Max):	525 V		
Case Temp (Max)	100 °C		
Height (Max):	4.03 in		
Dia (Max):	2.03 in		
Oval Width (Max):	3.72 in		

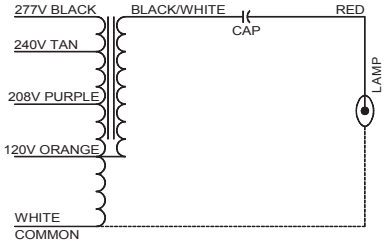


OIL-FILLED CAPACITOR

This Ballast Does Not Require An Ignitor

Ordering Information Add Suffix for options

K - Prewired, with Oil-Filled Capacitor and Bracket Kit



Data is based upon tests performed by Venture Lighting in a controlled environment and is representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

RoHS

08/30/2022 **Production** Coil Material (PRI/SEC): Cu / Cu

6675 Parkland Blvd., Suite 100, Solon, Ohio 44139 Phone: (800) 451-2606 Email: Venture_Lighting@VentureLighting.com VentureLighting.com