**LAMP TYPE:** 150W Metal Halide (M102/M142)  
**INPUT VOLTAGE:** Quad Tap (120/208/240/277)  
**CIRCUIT TYPE:** HX

**PRODUCT FEATURES**
- ANSI Designation: M102/M142  
- Line Voltage: 120/208/240/277  
- Regulation: 5% Line Volts; 10% Lamp Watts  
- Frequency: 60 Hz  
- Recommended Fuse (A): 10/5/5/4  
- Circuit Type: HX  
- Insulation Class: 200ºC  
- Capacitor: 16 µF  
- Capacitor Voltage Rating: 280 V  
- Capacitor Temperature Rating: 100ºC  
- Winding Materials: Cu/Al  
- Agency Certification: RU, cRU  
- Ignitor: IGN-XG-04

**ELECTRICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>LINE VOLTAGE</th>
<th>POWER FACTOR</th>
<th>LINE CURRENT</th>
<th>INPUT POWER</th>
<th>OPEN CIRCUIT VOLTAGE</th>
<th>MINIMUM START TEMP</th>
<th>CLASS N 200ºC UL TEMP CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>High</td>
<td>1.6A</td>
<td>1.9A</td>
<td>182W</td>
<td>255V</td>
<td>-20ºF/-30ºC</td>
</tr>
<tr>
<td>208V</td>
<td>High</td>
<td>1.0A</td>
<td>1.2A</td>
<td>182W</td>
<td>255V</td>
<td>-20ºF/-30ºC</td>
</tr>
<tr>
<td>240V</td>
<td>High</td>
<td>0.9A</td>
<td>1.0A</td>
<td>182W</td>
<td>255V</td>
<td>-20ºF/-30ºC</td>
</tr>
<tr>
<td>277V</td>
<td>High</td>
<td>0.8A</td>
<td>0.9A</td>
<td>182W</td>
<td>255V</td>
<td>-20ºF/-30ºC</td>
</tr>
</tbody>
</table>

**WIRING DIAGRAM**

**DIAGRAM H4B**

- CAP
- 277V (BLACK)
- 240V (BROWN)
- 208V (VIOLET)
- 120V (ORANGE)
- LAMP
- COM
- IGNITOR

Colors shown represent the most common configuration. However, depending on the application and local code, slight differences may exist.
PHYSICAL SPECIFICATIONS

**BALLAST SPECIFICATIONS**

LENGTH: 2.81”
WIDTH: 2.28”
HEIGHT: 3.94”
MOUNTING 1: 2.44”
MOUNTING 2: 3.50”
MAX.: 3.80”
NET WEIGHT: 7 lbs
LEAD LENGTH: 12-14”

**CAPACITOR SPECIFICATIONS**

DIAMETER: 1.38”
HEIGHT: 3.17”
TYPE: Dry Film

**IGNITOR SPECIFICATIONS**

DIAMETER: 1.40”
HEIGHT: 2.60”
TYPE: HX

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>ORDER CODE</th>
<th>PACKAGING STYLE</th>
<th>PACK QTY.</th>
<th>ITEM STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH-150X-Q-KIT 3/1</td>
<td>Individually Packaged</td>
<td>1</td>
<td>Quick Ship</td>
</tr>
</tbody>
</table>

Each kit includes the ballast pre-wired to a properly rated capacitor and ignitor (if required), mounting hardware, and pictorial installation guide.

**NOTE:** Version P4 (Manufacturing Revision). Prior versions of this ballast exist. Spec sheets for prior versions available upon request. Contact Keystone for details.

CATALOG NUMBER BREAKDOWN

MH-150X-Q-KIT

Metal Halide Wattage HX Circuit Quad Tap Ballast Kit