



**HPS/MH MAGNETIC BALLAST**  
INSTRUCTION MANUAL



## **INSTALLATION AND SET UP**

Hortitek Magnetic ballasts are designed for ease of use. Installation is complete in only 4 steps:

1. Mount the ballast in a dry, well-ventilated area that is free from dust and dirt.
2. Connect the ballast to the lamp using the output lead.
3. Connect the ballast to a suitable power source.
4. Start gardening!

## **IMPORTANT NOTES**

- Only use this ballast with lamps of the same type and power rating as printed on the ballast housing.
- Only connect this ballast to the power source for which it was designed. This information is printed on the ballast housing.
- The recommended length of the cable from the ballast to the lamp socket should not exceed 16m.

## **SAFETY PRECAUTIONS**

- When operating Hortitek 1000W ballast, the maximum ambient temperature should not exceed 40°C.
- Do not power on the ballast without having securely connected a light assembly (including a lamp) to the lamp supply lead.
- When powering on the ballast, ensure that the lamp is igniting successfully. If it fails to ignite, turn the power off immediately and inspect the lamp for signs of faults. If the lamp is without defects, disconnect the ballast from the power immediately as it may be faulty.



- To avoid ballast failure, do not stack ballasts or obstruct the ventilation slots.
- The ballast should be operated in a dry, well-ventilated, dust-free area.
- Suitable for indoor use only.
- Do not carry the ballast by the power leads.  
Ensure all power lead connections are secure and that all cables are positioned safely.
- Do not attempt to open, rewire or reconfigure this ballast. This will void the warranty and may cause serious injury or death.

## SPECIFICATIONS

MODEL	INPUT VOLTAGE	WORKING CURRENT	MAX AMBIENT TEMPERATURE
400W	230~240V, 50Hz	1.9A @ 240V	45°C
600W	230~240V, 50Hz	2.9A @ 240V	
1000W	230~240V, 50Hz	5A @ 240V	40°C





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