

HID lighting is an important part of an indoor garden. To control your supplemental lighting, a timer can be used to turn the lights On and Off each “day”. But there are other very important things that should be considered and that is why we made the HID-1.

What happens if your cooling system fails while your lights are on... fried plants. Momentary power outages can also play havoc with a lighting ballast and lamp. Both problems are solved by the HID-1. Reliability and simplicity combined to protect and control your garden.

- 1) Hi-temperature protection will disable the HID lights if the temperature inside the growing area exceeds the maximum level set by the user.
- 2) Hot-start prevention monitors the incoming power and will disable the HID in the event

Connection example

The HID-1 features a digital 24-hour time-clock that determines when the lights will turn On or Off. A battery backup maintains precise timing even when there is a power outage.

But what really sets the HID-1 apart from simple time-clocks, is the built in functions like “Hot-start Prevention Logic” which starts after a power failure. This function will prevent the HID lamps from re-firing until they properly cool.

It also has a built-in temperature sensor that allows the user to set a maximum temp that the area can get to. In the event of a cooling failure, the temperature inside the growing area may rise to unsafe levels. The HID-1 will automatically shut down the lights to prevent disastrous overheating.

- The HID-1 has two receptacles. One receptacle controls your lights (Daytime).
- The other receptacle can control Night devices like dehumidifiers heaters or exhaust fans. (Nighttime)

