

## Technical Specifications

**Dimensions:** 2" x 4" x 3"  
**Finish:** Black textured  
**Case:** Durable UL-rated 94V, ABS plastic.

**Outlet required:** Standard 15 Amp, 120 VAC, 60 Hz outlet.  
**Power rating:** 15A, 120 VAC, 60 Hz  
**Input connection:** 3 prong (grounded) male.  
**Tool outlet connections:** 2 or 3 prong plugs.

**Tool input:** Miter saw, Table saw, Router, Planer, Sander or other cutting and sanding tools.  
**Vacuum input:** Wet/Dry Vacuum, Dust Collectors or Power Feed

**Electronics:** A software imbedded microcontroller controls the in rush of current when the motor starts up to help eliminate overload of the circuit. Once the tool stops, it provides power to the vacuum for seven seconds to clean out the inlet pipe. It shuts off the vacuum and sits in a ready state for the next use of the tool.

### Product use:

The i-Socket is not intended for commercial use. It was designed to be used in the home workshop on a standard 120v/15amp house outlet. If used on a 20amp breaker the i-Socket will function properly but all tool and vacuum standards must still comply with the 120v/15amp ratings.

### Tool Port:

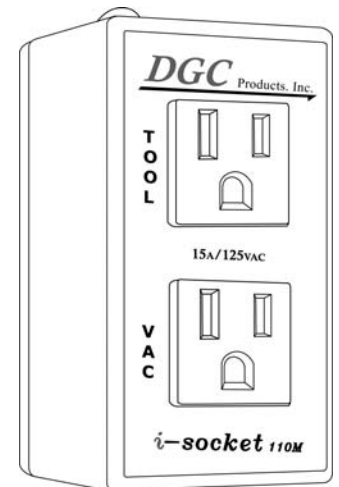
- Max. motor rating should not exceed 120v, 15amps, 60 Hz, 1875 Watts.
- Table saws from portable to contractor type.
- Miter Saws both 10" and 12".
- Any hand sander palm, DA, belt sander.
- Routers.
- Portable joiners or planers.

### Vacuum Port:

- Any standard shop type vacuum will run on the i-Socket.
- Vacuum motor HP should not exceed 1875 watts.
- Dust collector motor should be rated at 120v/15amps and HP should not exceed 1875 watts.
- Power feeders can also be controlled from the vacuum port.

### Example of the most common configurations:

Tool Port: 12" Compound Miter Saw rated at 120v/13.2 amps.  
Vacuum Port: Shop type wet/dry vacuum at 6.5 hp "Peak" rated at 120v/11 amps.  
OR  
Tool Port: Contractors table saw rated at 120v/13.4 amps.  
Vacuum Port: Dust collector rated at 120v/10.4 amps.



## Technical Tips:

### Variable Speed Motor Controls (VSMC):

VSMC will not trigger the i-Socket vacuum port at the low speed settings. The i-Socket was designed this way in order to comply with UL safety standards.

DO NOT use any form of cutting tool on the vacuum outlet. Although the cutting tool will function properly it is extremely dangerous to have a cutting tool automatically triggered.

*The i-Socket **AutoSwitch** is the ONLY intelligent switch that can control the in-rush of current on startup to eliminate circuit overload with a 7 second delay off.*