Load Control Module
Technical Sheet

HAI offers three Load Control Modules (LCMs) to control the power consumption for high wattage loads such as pool pumps and hot water heaters. The LCMs can also control fountains, ceiling/attic fans, fluorescent lights, 3HP and 2HP motors, and exterior lights.

HLC Load Control Module, a 30 AMP Module utilizing Generation II UPB™ (Universal Powerline Bus) technology over existing power lines. Can be installed without additional wiring.

Hardwired Load Control Module, a 20 AMP Relay Module that connects directly to voltage outputs on HAI home controllers and expanders and includes a manual override switch. Can control 277 V AC lighting ballasts.

Wireless Utility Load Control Module, which is designed for load control communication through a participating utility company.
HLC Load Control Module  71A00-1

**Input voltage / frequency:** 120VAC / 60 Hz (Neutral Required)
**Output:** 30A @ 120 / 240VAC, 1HP @ 120VAC, 3HP @ 240VAC
**Connections:** 10AWG, 16AWG flying leads
**Dimensions:** 4.6” x 4.6” x 2.5”

Communicates thru UPB™ powerline carrier technology
For indoor use only

Hardwired Load Control Module  72A00-1

**Contact Ratings:**
20 Amp Res @ 277 VAC  
1HP@ 120 VAC  
2HP@ 277 VAC  
20 Amp Ballast N/O @ 120/277 VAC  
10 Amp Ballast N/C @ 120/277 VAC  
10 Amp Tungsten N/O @ 120 VAC  
770 VA Pilot Duty @ 120 VAC  
1,110 VA Pilot Duty @ 277 VAC

**Power Input Rating:**
42 mA @ 120 VAC

**For Use With:**
- Whole house ventilators
- Humidifier
- Dehumidifier

**Small commercial:**
- Lighting control
- Vent fan control
- Circulator pump
- Sign lighting
- Outdoor lighting

Modules can be used to lock out energy consuming devices when electricity costs are high using HAI’s scheduling features.

Wireless Utility Load Control Module  73A00-1

**Input voltage / frequency:** 120 – 240VAC / 50 - 60Hz
**Output:** 30A @ 120 / 240VAC, 1HP @ 120VAC, 2HP @ 240VAC
**Connections:** 10AWG, 16AWG flying leads
**Dimensions:** 4.6” x 4.6” x 2.5”

Wireless communication device
## Parts List

<table>
<thead>
<tr>
<th>Modules</th>
<th>Dimensions</th>
<th>Part Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLC Load Control Module</td>
<td>4.6” x 4.6” x 2.5”</td>
<td>71A00-1</td>
</tr>
<tr>
<td>Hardwired Load Control Module</td>
<td>4.00” x 4.00” x 1.80”</td>
<td>72A00-1</td>
</tr>
<tr>
<td>Wireless Utility Load Control Module</td>
<td>4.6” x 4.6” x 2.5”</td>
<td>73A00-1</td>
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“Saving energy has been a core concern and objective for HAI since its inception in 1985.”

- HAI President, Jay McLellan