

# 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, flourescent 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

### Control Input:

1 mA @ 12VDC

### Contact Output:

2 Orange Wires

### Power Input:

2 White/Black Wires

### 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**

<b>Modules</b>	<b>Dimensions</b>	<b>Part Numbers</b>
HLC Load Control Module	4.6" x 4.6" x 2.5"	71A00-1
Hardwired Load Control Module	4.00" x 4.00" x 1.80"	72A00-1
Wireless Utility Load Control Module	4.6" x 4.6" x 2.5"	73A00-1

“ Saving energy has been a core concern and objective for HAI since its inception in 1985. ”  
- HAI President, Jay McLellan