

# EasyHeat™ AHB Cable

Pipe Freeze Protection, Constant Wattage, Pre-Terminated. For Residential Applications.

## Product Overview

- The AHB automatic electric water pipe heating cable is a pre-assembled and ready-to-install, cable that prevents metal and plastic supply pipes from freezing.
- AHB units are activated and de-activated by an integral energy saving thermostat.

## Applications

- Suitable for commercial and residential metal or plastic water supply pipes subject to freezing temperatures.

## Features

- Keeps water flowing at ambient temperatures down to  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ ).
- Cables are rated at 7 Watts per foot (0.30 m).
- Built-in thermostat turns on at  $+38^{\circ}\text{F}$  ( $+3^{\circ}\text{C}$ ) or below and turns off at  $+45^{\circ}\text{F}$  ( $+7^{\circ}\text{C}$ ) and above.
- Plugs into a standard 120 Vac outlet, must be GFCI protected.
- Each cable consists of tough XLPE inner insulation, a continuous ground braid and weather resistant PVC (high-low temperature) outer jacket.
- Protects metal and plastic water-filled pipes up to 1-1/2 in (38.1 mm) in diameter.
- Pre-assembled and ready to install.
- Available in 3 ft (0.9 m) increments up to 18 ft (5.5 m) and longer increments up to 80 ft (24.4 m).
- Integral thermostat saves energy by powering the cable only when needed.
- One year limited warranty.

## Accessories

- It is recommended to use EasyHeat™ HCA application tape or good quality electrical tape with a minimum  $+176^{\circ}\text{F}$  ( $+80^{\circ}\text{C}$ ) temperature rating to secure heating cable(s) to pipes. See *EasyHeat™ Pipe Tracing Accessories*.



## Certifications

- UL Listed to Canadian Safety Standards and CSA Certified when used in accordance with instructions on water filled metal or plastic pipes.

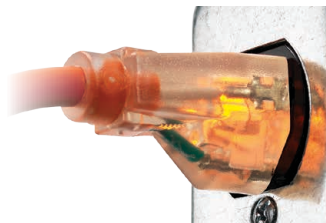
### Notes

- Per NEC and CEC requirements ALWAYS use a ground fault protection device (GFCI) to reduce the danger of fire from a damaged or improperly installed heating cable. Electrical fault currents caused by damaged or improperly installed cable MAY NOT BE LARGE ENOUGH to trip a conventional circuit breaker.
- Heating cables must be installed in compliance with all national, state/provincial and local codes. Check with your local electrical inspector for specific details.
- Do not spiral or wrap the cable around a pipe.
- Never cut or splice the cable.
- Do not allow the cable to touch or cross itself or another heating cable at any point.
- Do not use a cable on a pipe shorter than specified on the cable package and cord tag.
- For two cable installation, please refer to product Installation Instructions.
- The minimum installation temperature of the cable is  $+15^{\circ}\text{F}$  ( $-10^{\circ}\text{C}$ ).
- Maximum 1/2 in (13 mm) fiberglass or equivalent non-flammable foam pipe insulation. Never use insulation that is too thick or that is flammable.
- Vapor seal must be used when using fiberglass insulation (not needed for waterproof insulation).

## Illustrated Features

### Indicator Light

Indicator light in the AHB plug assures the system has power.



### Built-In Thermostat

Energy efficient built-in thermostat provides the right amount of energy only when needed.



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## How To Determine The Length of Cable You Need

Pipes must be at least 3 ft (0.9 m) long and at least 3/8 in (9.5 mm) and no more than 1-1/2 in (38.1 mm) in diameter. For pipes of other sizes, please refer to the product selection guide for other cable options.

- Measure your pipe straight along the bottom of a horizontal pipe or on the “weather side” of a vertical pipe (including valves).
- Single cables are available to protect the lengths of pipe listed in the single cable pipe length selection chart key.
- If a cable suitable for your pipe is unavailable or out of stock, you can use two cables together on one pipe. For additional information, please refer to product installation instructions.

### Single Cable Pipe Length Selection Chart Key

Pipe Length ft (m)	Catalog Number
3 – 4 (0.9 – 1.2)	AHB013A
3 – 7 (0.9 – 2.1)	AHB016A
6 – 10 (1.8 – 3.0)	AHB019A
9 – 13 (2.7 – 4.0)	AHB112A
12 – 16 (3.7 – 4.9)	AHB115A
15 – 19 (4.6 – 5.8)	AHB118
21 – 25 (6.4 – 7.6)	AHB124
27 – 31 (8.2 – 9.4)	AHB130
37 – 41 (11.3 – 12.5)	AHB140
57 – 61 (17.4 – 18.6)	AHB160
77 – 81 (23.5 – 24.7)	AHB180

PIPE TRACING

### Product Selection

Catalog Number	Description	Carton Quantity	Carton Weight lb (kg)	UPC
AHB013A ①	3 ft (0.91 m), 21 Watts	5	6 (2.7)	01362718874
AHB016A ①	6 ft (1.83 m), 42 Watts	5	7 (3.2)	01362718875
AHB019A ①	9 ft (2.74 m), 63 Watts	5	9 (4.1)	01362718876
AHB112A ①	12 ft (3.66 m), 84 Watts	5	10 (4.5)	01362718877
AHB115A ①	15 ft (4.58 m), 105 Watts	5	11 (5.0)	01362718879
AHB118 ①	18 ft (5.49 m), 126 Watts	5	7 (3.2)	01362710955
AHB124	24 ft (7.31m), 168 Watts	5	8 (3.6)	01362710956
AHB130	30 ft (9.14 m), 211 Watts	5	9 (4.1)	01362710957
AHB140	40 ft (12.19 m), 280 Watts	5	12 (5.4)	01362710958
AHB160	60 ft (18.29 m), 420 Watts	5	15 (6.8)	01362710959
AHB180	80 ft (24.38 m), 560 Watts	5	20 (9.1)	01362710960
GTXAHB	Starter kit: 2 each of ①'s above	1	19 (8.6)	01362710948
GWJAHB	Jumbo kit: 5 each of ①'s above	1	55 (25.0)	01362710949

① Individual cables are available as part of a kit, see GTXAHB or GWJAHB.

#### Notes

- Cable must be long enough to run along bottom of horizontal pipes or weather side of vertical pipes (including valves) without crossing or spiraling.
- Never use a cable longer than the pipe it is intended to protect.