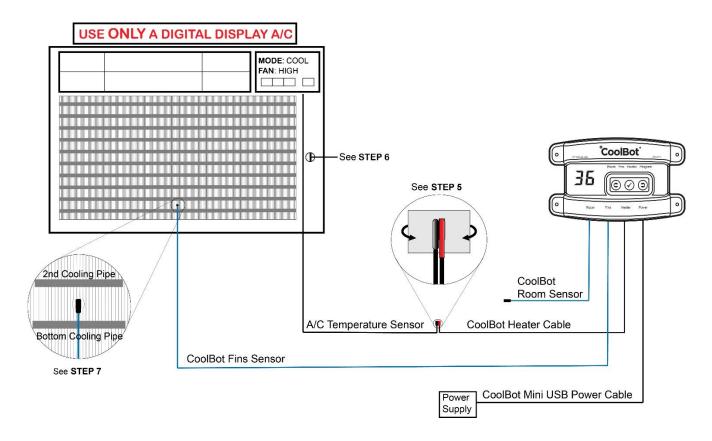
## Watch our Installation video at: www.storeitcold.com/build-it



- **STEP 1** Plug the wires into the corresponding labeled ports at the bottom of the CoolBot temperature controller.
- **STEP 2** Mount the CoolBot on the wall next to the A/C.
- **STEP 3** Remove the air filters from the front of the A/C. DO NOT use them!
- **STEP 4** Find and free the A/C's Temperature Sensor. It's the only thing attached to the front grill of the A/C. Take the sensor out of the mounting clip. DO NOT use the mounting clip for this installation.
- STEP 5 Using ONLY a 2" square piece of Aluminum foil, place the CoolBot Heater Cable (Red Tip) next to the A/C's Temperature Sensor. Hold them together and wrap them tightly with the foil. You can use a Zip-tie or a piece of tape 1 inch below the foil to keep them together.
- STEP 6 If you have a Window LG A/C or a Window HAIER A/C unit skip to STEP 7.

  Most brands of Window A/C units and ALL Mini-Split units have Secondary Sensors.

  To find the A/C's Secondary Sensor please see the COOLBOT INSTRUCTION MANUAL Page 8.
- STEP 7 Use a pen or a pencil to open a small gap in the front of the fins of the A/C about 1" from the bottom and near the center, between the bottom and second Cooling pipes.

  Insert ONLY 1/4" of the tip of the CoolBot Fins Sensor into the small gap.
  - DO NOT force the Sensor in; you will damage it! DO NOT touch any Cooling Pipes with the Sensor. Pinch the fins lightly around the Sensor to keep it in place.
- **STEP 8** Turn your A/C ON. Set the A/C on "COOL" Mode and set the Fan on "HIGH" speed. Set the A/C temperature to the lowest setting. Plug in your CoolBot.
- **STEP 9** To set the temperature on your CoolBot, press the checkmark button the current set temperature will blink. Use the right or left arrows to set the temperature to the desired value. Press the checkmark to save the value.

## Check A/C compatibility at: www.storeitcold.com/build-it

Use ONLY a Digital Display A/C

## How to size your A/C:

- 1 What is your target temperature for your cooler?
- (2) What is the size of the cooler?
- (3) The required A/C size in BTUs is at the intersection of the column from step(1) and the row from step(2)

E.g. A cooler at 38°F 1 with 8' by 10' dimensions (8' height) 2 requires a 15,000 BTUs A/C unit 3



			Desired Temperature Range		
			34°F - 37°F	38°F - 49°F	50°F - 60°F
			1ºC - 2.9ºC	3°C - 9.9°C	10°C - 16°C
	Room Size		Air Conditioner Size (BTUs)		
	L (Ft)	W (Ft)	1K=1,000 BTUs		
<b>○</b>	4'	4'	8K BTU	6K BTU	5K BTU
	6'	6'	12K BTU	8K BTU	5K BTU
	6'	8'	15K BTU	10K BTU	5K BTU
	8'	8'	18K BTU	12K BTU	7K BTU
	8'	10'	24K BTU	15K BTU 3	8K BTU
	8'	12'	24K BTU	18K BTU	10K BTU
	10'	14'	18K +18K BTU	24K BTU	15K BTU
	Larger Sizes		Multiple A/Cs and CoolBots - Please contact us		

Assumes an airtight cooler with an 8' ceiling, at least **R25** Rigid Foam insulation, and less than 6 door openings per hour.

Working on a larger application or a cooler with specific needs?

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