

**For detailed instructions, download the full guide at:**



[Installation Guides and Manuals - Humidex](#)

# Quick Start Installation Guide

## English

This Guide Covers the Following Models:

HCS-APT  
HCS-APTHC  
HCS-APTRC  
HCS-AMH (HCS-APT myHome)  
HCS-AHCMH (myHome)  
HCS-AMHRC (myHome)  
HCS-AHCMHRC (myHome)

**Manufactured by:**  
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Canada E4P 6N4  
1-888-533-1348  
[support@clairitech.com](mailto:support@clairitech.com)

**Register Warranty at:**  
<https://clairitech.com/en/support/register>

**READ AND SAVE THESE INSTRUCTIONS**

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## Introduction

Congratulations on the purchase of your new system which will provide you with year-round moisture control and improved air quality for a healthy fresh and drier indoor environment. Please take note the following safety information:

**CAUTION** For general ventilating use only. Do not use to exhaust hazardous or explosive material and vapours

**WARNING!!** To reduce the risk of fire, electric shock, or injury to persons, observe the following:

- Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Unplug or disconnect the appliance from the power supply before servicing.
  - a. For permanently connected systems, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag to the service panel.
- Do not use this appliance with any solid-state speed control device.
- Do not operate any fan with a damaged cord or plug. Discard fan or return to an authorized service facility for examination and/or repair.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

## Combustion Appliance Present in Dwelling

### Read this Section Carefully

With the presence of appliances evacuating air outside the building envelope (such as range hood, bathroom fan, dryer, Humidex, etc.) a negative pressure could be created inside the building. As the pressure inside the building gets lower than the barometric pressure outside, the smoke and gases from any combustion appliance (oil furnace, gas/wood stove, fireplace, etc.) **may be drawn into the building rather than go out the chimney.**

This problem is usually curable by introducing make-up air inside the building. A fresh air kit (Air Supply Ventilator) is available from your Humidex dealer, to help relieve the effects of negative air pressure in the building.

## Service and Warranty

### Consumer Limited Warranty

ClairiTech Innovations Inc. warrants to the first consumer that this product, when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its discretion, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for the period(s) set forth below. The defective part must be returned to the manufacturer ClairiTech Innovations Inc. All transportation charges are the sole responsibility of the purchaser.

This warranty does not cover any appearance items of the product nor if the items or product have been damaged, defaced, subjected to improper voltage, abnormal service or handling, has been altered or modified in design or construction or was installed and has been rendered inoperable for an extended period of time.

In order to enforce the rights under this limited warranty, the purchaser must fill out and return the warranty card within 90 days.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described herein on behalf of ClairiTech Innovations Inc.

The warranties described herein shall be the sole and exclusive warranties granted by ClairiTech and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period described herein, shall constitute complete fulfillment of all liabilities and responsibilities of ClairiTech to the purchaser with respect to the Product, and shall constitute full satisfaction of all claims, whether based on contract, negligence, and strict liability or otherwise. In no event shall ClairiTech be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer, unless approved by ClairiTech in writing. Nor shall ClairiTech be liable or in any way responsible for any incidental or consequential economic or property damage.

Warranty Period for this product:	Five (5) year on parts and electrical from date of purchase, two (2) years on all electronic components, and (2) years on Controller.
Additional Items Excluded from Warranty Coverage (If Any):	Appearance items of the product, Exterior vent and any printed material.

To properly validate your warranty, you must complete and return the warranty card within 90 days. If your device is not registered, proof of purchase will be required if it requires service after approval from our Service Department.

You can also register your warranty online <http://www.clairitech.com/support/register>.

**This warranty is non-transferable and applies to residential use only.**

## Pre-Installation

### Tools Required for Installation

- Electric reciprocal or hole saw 6<sup>1</sup>/<sub>4</sub>"
- Drill with a 1/4" concrete bit
- Phillips or Robinson Screw Driver
- Measuring Tape
- Hammer
- Pencil

For concrete, cinderblock or brick installation, use a hammer drill with chiseling ability 1/2" x 16" long and a chisel bit 1" thick.

### Key Installation Facts

- 1) Unit must be installed at floor level on outside wall.
- 2) Unit should be installed as far away as possible from the source of replenishment air. (Hallways, doors, etc...)
- 3) Outside duct must be no less than 6".
- 4) Location must allow for maximum circulation to draw in air from all parts of the home.
- 5) Unit should not be installed within 4 feet of combustion appliance, Central Air Leads or AC Units.

### IMPORTANT – What Not to Do

- 1) DO NOT install the unit within 4 feet of a heat source (Radiator, heater, etc.)
- 2) DO NOT install the unit more than approx. 3 inches off the floor.
- 3) DO NOT crush the vinyl Pipe.
- 4) DO NOT install the unit next to a replenishment air supply.

### Ideal location installation locations

To determine the best location, examine the dwelling for an outside wall where you could install the apartment unit. This location should be as far as possible from sources of replenishment air such as windows, hallways and doors. Try to find a location where no electrical wires or pipes are present inside the wall. The unit has to be installed on an outside wall.

### Selecting the Duct Location

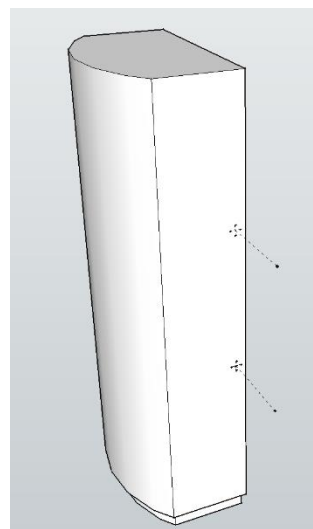
Now that you've decided where to install the unit, you must select a location for a 6<sup>1</sup>/<sub>4</sub>" duct hole in the outside wall. This hole is needed to pass a duct through the outside wall. Make sure that the hole doesn't line up with a stud, electrical wires, or pipe.

### Preparing the System for Installation

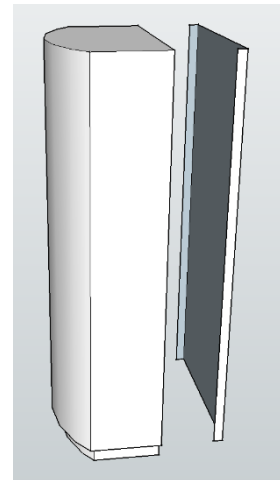
<p>Now that an installation location has been chosen a hole must be made for the vent. Start by measuring the required Unit height and mark the location of the hole. Remember that the units cannot be higher than 3" to 6" off the ground.</p>	
<p>From the inside, drill a pilot hole of approximately 1/4" wide at the center of the proposed 6 1/4" hole.</p>	
<p>Outside the building, find the pilot hole.</p>	
<p>Now using a hole-saw, with the pilot hole as a guide, drill a 6 1/4" hole.</p>	
<p><b>Brick or Concrete Wall:</b> There are two ways of going through brick or concrete. The first method consists of using a hammer drill. Make holes (approximately 5/8") with the hammer drill 1" apart through the brick in a circular shape outlining the 6 1/4" hole. Finish cutting the outer edge of the hole using a chisel. If a hammer drill is not available, a chisel can be used. As brick is brittle chiseling from the center of the pilot hole will chip the brick easily. Continue chiseling until you reach the outer edge of the 6 1/4" hole.</p>	

## Mounting and installing the unit

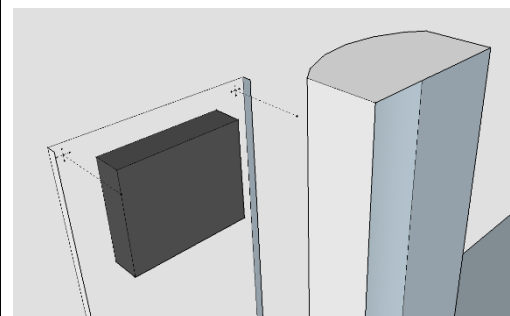
Remove the 4 White Screws on the Side of the Unit. (These are along the back edge of the unit and are holding the Back Piece)



Separate the Front Aluminum Piece from the back Galvanized piece.

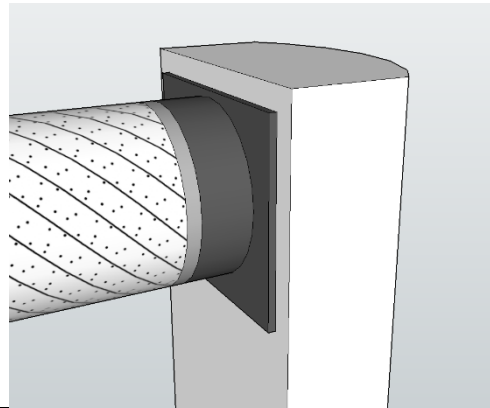


Place the Unit at its chosen location. Now scribe the four holes on the wall where the rubber grommets are installed. Remove the machine and drill four 1/4" holes where previously scribed. Apply anchors in the holes using a hammer.

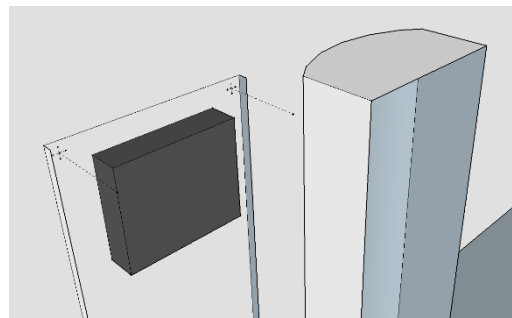


With the help of a tie wrap attach the flex pipe to the collar on the back of the unit before attaching the unit to the wall. Insert the other end of the flex pipe inside the hole in the wall. (a few Small 9/16" Screw can be used to affix the flex to the mount)

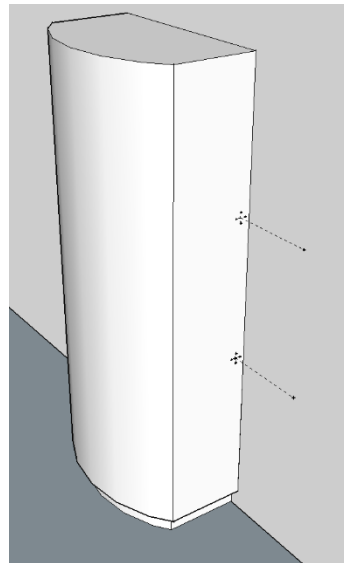
**NOTE:** For instructions on permanently connected model, please see Page 8 for Wiring Instructions. Please note that this model requires a qualified person for installation.



Now fasten the unit to the wall using the 4 x 2" screws provided.



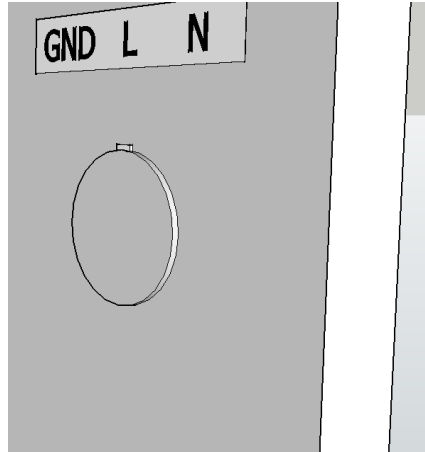
Replace the front of the unit using the 4 Screw Caps with the 4 original screws.



**Steps for the permanently connected unit only**

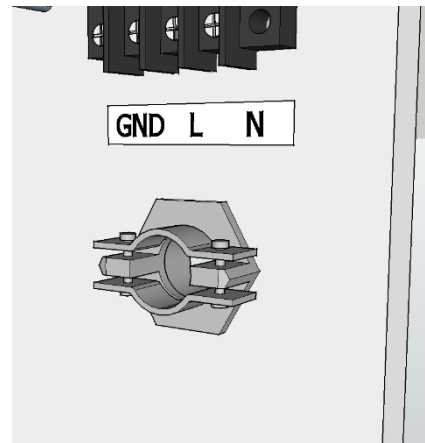
The APTHC, AMHRC and AHCMHRC comes with a removable cover plate that needs to be attached to the unit's back plate after the wiring has been completed.

Before the wiring can be completed, the EKO punch must be removed from the back plate

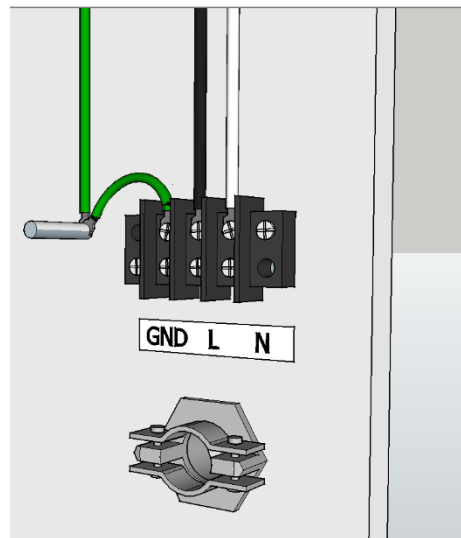


An electrical fitting needs to be installed. With the fitting installed the wire can be inserted inside the unit and connected.

**Note: Fitting not included**



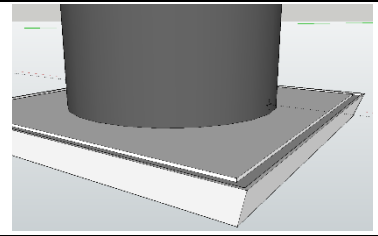
Once the wire has been run through the plate, you must connect the wire to the unit matching the colors of the inside wires. After the wiring has been completed, you can attach the small cover plate to the back plate and return to the original installation procedures.



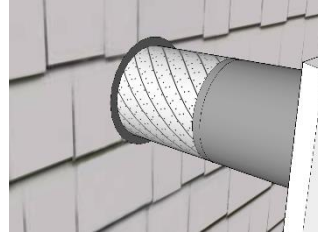


### Attaching the Flex and Outside Vent

From the outside, pull the flex pipe through the 6 1/4" hole. Attach the vent to the 6" flex with the 1/2 in screws provided.



Insert four 2 inch screws to secure the vent to the outside wall. Make sure the vent is not twisted by inserting the screws too tight and that the flaps are working properly.



**NOTE:** If high winds are often present in the location of the vent, they may cause a wind noise inside the house. If this is the case, an **anti-gust hood** (AGH-990) is available from your Humidex dealer.

Now that the system has been mounted the HCS can be plugged into any 115V outlet.

**Note:** A grounded extension cord with a maximum length of 10 feet may be used if necessary

## Return and Exchange Policy

Clairitech Innovations Inc. values its relationship with you and offers you the option to return most products you purchase directly from Clairitech Innovations Inc., as set forth in detail below.

### Policy

#### **Return period of 30 days for unused products and accessories:**

Unless you have a separate agreement with Clairitech Innovations Inc., or subject to the provisions below, all equipment and accessories that have not been used, in new condition and in their original packaging may be returned to Clairitech Innovations Inc. within 30 days of the date of purchase for a refund of their purchase price, an equivalent credit note or the exchange of the product, less shipping and handling charges, resupply fee and applicable taxes, if already paid.

#### **Return period of 15 days for defective or damaged products and accessories:**

Requests for refund and/or exchange for defective or damaged merchandise can be made within 15 days of receipt of the merchandise. After 15 days, the manufacturer's warranty applies.

Note: Any product returned to Clairitech Innovations Inc. without the prior permission of Clairitech Innovations Inc. will be considered an unauthorized return; the customer will not receive any refunds or credit notes for the product and Clairitech Innovations Inc. will not return the product to the customer.

#### **Damaged products and accessories:**

If you have received damaged items, please contact us by phone or email before destroying or discarding the product and/or packaging. Failure to comply could see your request denied.

### Fees

Unless the product is defective or the return is a direct result of a Clairitech Innovations Inc., the refund or credit does not include any shipping and handling charges shown on your packing slip or invoice; you are responsible for those and for any damages incurred during the return shipment.

### Procedure

1. Before returning a product, you must first obtain a Return Authorization Number from Clairitech Innovations Inc. Customer Service before the end of the applicable return period. Proof of purchase will also be required.

To contact Clairitech Innovations Inc. Customer Service, please call **1-888-533-1348** or [Email Us](#)

Any product returned to Clairitech Innovations Inc. without the prior approval of Clairitech Innovations Inc. will be considered an unauthorized return; the customer will not receive any credit or refund for the product and Clairitech Innovations Inc. will not return the product to the customer.

2. Pack the product in its original package
3. Insert all the documents received concerning the order to be returned. Remember to keep a copy of all the documents provided.
4. To obtain a full refund, the products must be returned in perfect condition, in their original packaging and with all documents, parts and accessories.
5. The return costs must be prepaid; we will not accept deliveries paid at the reception.
6. For your protection, we advise you to provide the shipping service
7. Five days after the date of issue of the return authorization number Clairitech Innovations Inc. Customer Service, you must send the product to the following address:

**ClairiTech Innovations Inc.**

**1095 ch. Ohio Service Rd**

**Boudreau Ouest, New Brunswick**

**E4P 6N4 - Canada**

8. Upon receipt of your authorized and compliant return, Clairitech Innovations Inc will issue a credit or refund equal to the purchase price paid, less shipping and handling charges, restocking charges and applicable taxes subject to this policy.
9. For assistance please call **1-888-533-1348** or [Email Us](#)
10. For any questions regarding warranty terms please call **1-888-533-1348** or [Email Us](#)

**NO RETURNS ARE POSSIBLE AFTER 30 DAYS FOLLOWING THE DATE OF THE BILLING DATE.**

**CLAIRITECH INNOVATIONS SHALL NOT BE LIABLE FOR, OR ANY CHARGE OF, A CONSUMER ORDER ERROR.**