



Owner's Manual



Manufactured by:
Clairitech Innovations Inc.
1095 Ohio Rd.
Boudreau-West, NB
Canada E4P 6N4

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Service and Warranty

For customer assistance

To aid in answering questions if you call for service or warranty purposes, please record below the model and serial number located on the side of the unit.

Product name:
Model #:
Date of manufacturing:
Serial #:
Dealer name (if any):

For the following inquiries:

- Service
- Parts
- Accessories
- Additional customer information

Please contact us by:

Phone: 1-888-533-1348

Email: support@clairitech.com

Website: www.humidex.com

Humidex

Consumer Limited Warranty

Clairitech Innovations Inc. warrants to the first consumer that this Humidex 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 parts or labor for the period(s) set forth below. All transportation charges are the sole responsibility of the purchaser.

This warranty does not apply to any appearance item of the product nor to any additional excluded item set forth below of which has been damaged, defaced, subjected to improper voltage, abnormal service or handling, or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

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.

WARNING!! The carbon monoxide sensor integral to the product is not intended to be used as a life safety device and additional approved detectors are required.

Humidex

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 of time 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. Nor shall Clairitech be liable or in any way responsible for any incidental or consequential economic or property damage.

Warranty period for this product:	Two (2) years on parts and labor from date of purchase.
Additional items excluded from warranty coverage (if any):	Appearance items of the product, exterior vent and any printed material.
Where to obtain service:	From the manufacturer. Please call 1-888-533-1348 if you require any information.

To obtain supply, accessory or product information, call 1-888-533-1348 or visit our website at humidex.com/en/services

IMPORTANT

To properly validate your warranty, you must fill out and return the warranty card as soon as possible. If your unit is not registered, a proof of purchase will be necessary should it require any services. You can also register your warranty online <http://www.clairitech.com/register>

Humidex

Before Installing

Technical data

Voltage:	115VAC
Amperage	0.26A
Certification:	
Dimensions:	9" x 6.5" x 4"
Capacity:	Up to 750 sq. ft.

Recommended tools required for installation

- 1/4" pilot drill bit of 12 inches or more
- Hole saw with a diameter of 4 1/2", reciprocal saw or, jig saw
- Measuring tape
- Hammer
- Screwdriver

Included parts list

Garage Ventilation System	Manual
4" Exhaust Vent	6x #8x9/16" mod white screws
1Pc. Aluminum Tape	4x #6x2" woodscrew
Warranty Card	2x #8x1-1/4" truss screws
1pc. 4" vinyl flex	2x #8x1-1/4" yellow anchors

Ideal installation location

When looking for a location to install your new Humidex, make sure to place it on an outside wall so that the unit can exhaust its air outside. The unit should be installed near an electrical outlet and, if possible, in the dampest location. The unit should be installed no higher than 12 inches off the floor.

Humidex

Warnings for use

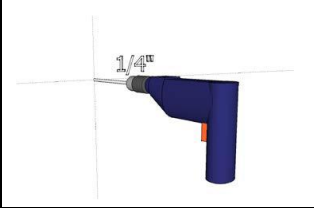
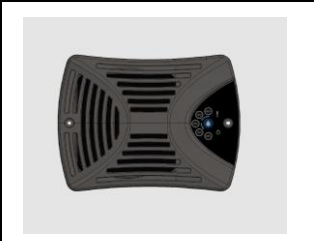
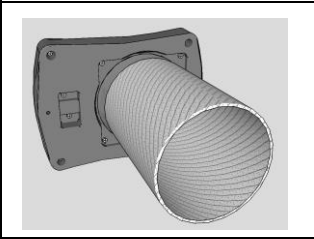
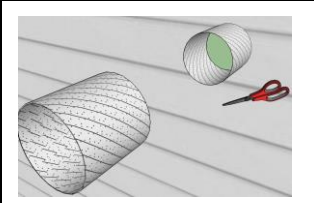
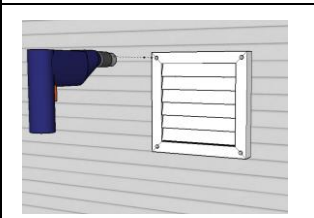
The following warnings will help reduce the risk of fire, electric shock or injury. Please read and save these instructions.

- 1) Do not operate any unit with a damaged cord or plug. Please contact our service department for examination and/or repair.
- 2) Do not run cord under any object, which include but limited to, carpets, furniture, appliances etc. Arrange cord away from traffic area.
- 3) The unit **MUST** exhaust the air outside.
- 4) Do no vent exhaust air into spaces within walls, ceilings, attics, crawl spaces or garages.
- 5) For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- 6) For use in non-fire rated installations only.
- 7) Use this unit only in the manner intended by the manufacturer.
- 8) When cutting or drilling into wall, do not damage electrical wiring or other hidden utilities.
- 9) Always unplug the unit from its power source before cleaning or servicing.
- 10) To reduce the risk of electrical fire or shock, do not use fan with any solid state speed control device.
- 11) Plug the unit in a general use receptacle provided with a Class A ground-fault circuit interrupter (GFCI) with open neutral protection.

Humidex

Installation

Please follow these instructions to install your Humidex properly.

	<p>1. From the inside, mark where the center of the Humidex will be placed and drill through the wall with a 1/4" x 12" pilot bit. The hole should be approximately 12 inches from the floor. Cut a 4 1/2" hole through the wall.</p>
	<p>2. From the inside, place the Humidex against the wall in the mounting position and mark where the pilot screws will be placed. Keep in mind that the knob will be going on the right hand side. Drill 1/4" holes, and apply anchors with a hammer.</p>
	<p>3. Use tape to fasten the flex pipe over the exhaust outlet on the back of the Humidex and fasten 3 screws around the tape into the outlet collar. Place Humidex into the predrilled hole and then secure appliance by fastening to the anchors.</p>
	<p>4. From the outside, stretch and cut any excess flex pipe. Proceed to place vent collar into the flex and securing in its correct position by taping and screwing into the vent collar.</p>
	<p>5. Place all 4 #6 x 2" screws in a diagonal pattern to prevent vent twisting, and to acquire the best fit around your siding. After placing in the final screw, use caulking to properly seal around the vent.</p>

*The garage ventilators picture may not be exactly as shown

How to Operate the Humidex

After both the Humidex and the exhaust vent are properly installed, you can now plug the Humidex in the closest outlet. The Humidex unit possesses a label illuminated by LEDs that will indicate the set humidity preference, if the unit is powered On and if the unit has detected a higher than usual amount of CO.

To set your humidity preference, press the center button of the label to cycle through the different humidity settings. If you wish to have the unit on for a continuous basis, press the button until the humidity level reaches 25%. If you would like it to run to its minimal capacity, press the button until the humidity level reaches 65%. Manufacturer's suggested setting is to be place the humidity level between 45% and 55%.



The Humidex garage and multipurpose humidity control unit will reduce moisture levels inside your garage or shed. Whether you want to keep your wood dry for your furnace or just want a dryer space, Humidex is the unit that can make it possible.

The Humidex garage unit also contains a Carbon Monoxide(CO) sensor which allows you to monitor CO levels in your garage or shed.

How the CO Sensor Works

The built-in carbon monoxide sensor allows the unit to monitor the garage or shed for any amount of CO in the air. To help the user understand the unit's process an indicator light has been added



The indicator light will have three (3) different display modes

Double blink mode:

In order to function properly, the CO sensor is required to warmup, during these warmup sequences the indicator light will blink twice. On initial start-up, the unit will warm up for up to 48 hours this is required for proper functionality.

Single blink mode:

If the unit is not in a warmup sequence and the sensor detects a low level of CO, the indicator light will blink and the Humidex will also try to reduce the quantity of CO by going into high speed mode.

Solid Light:

If a higher level of carbon monoxide is detected the CO indicator will turn a solid color. During this time the humidex will run at a high speed to try and reduce the CO levels

Note: The device cannot guaranty that it will be able to evacuate the CO from your garage or shed. It should also be noted that the Humidex device cannot replace a certified CO measuring device.

Wiring Diagram

Clairitech Innovation Inc.	GVS-SD2		
	Wiring/Assembly Diagram		
Prepared By: Mathieu Douart	Electrical Layout	DWG NAME GVS-SD2-1	REV 1.0
Issued: October 16, 2017	SCALE 1:1	SHEET	1 OF 1

