

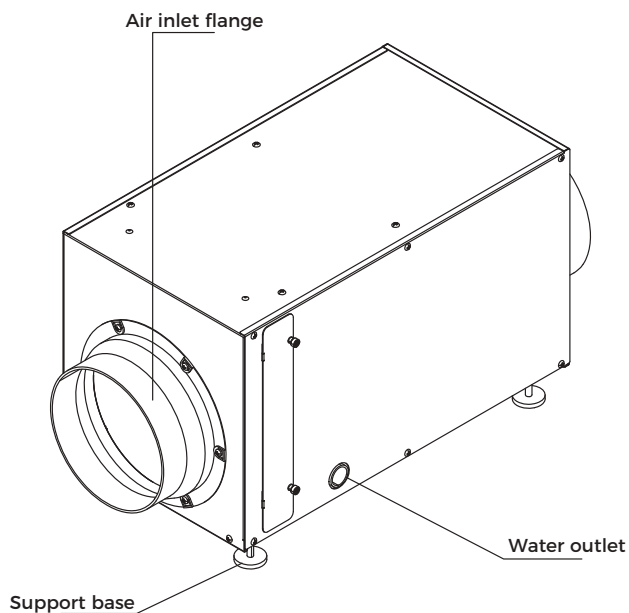
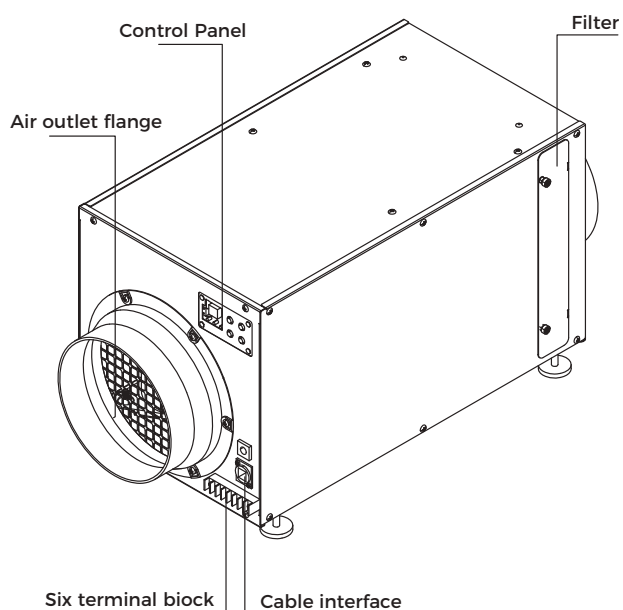


# BROCHURE OF WH SERIES CEILING DEHUMIDIFIER

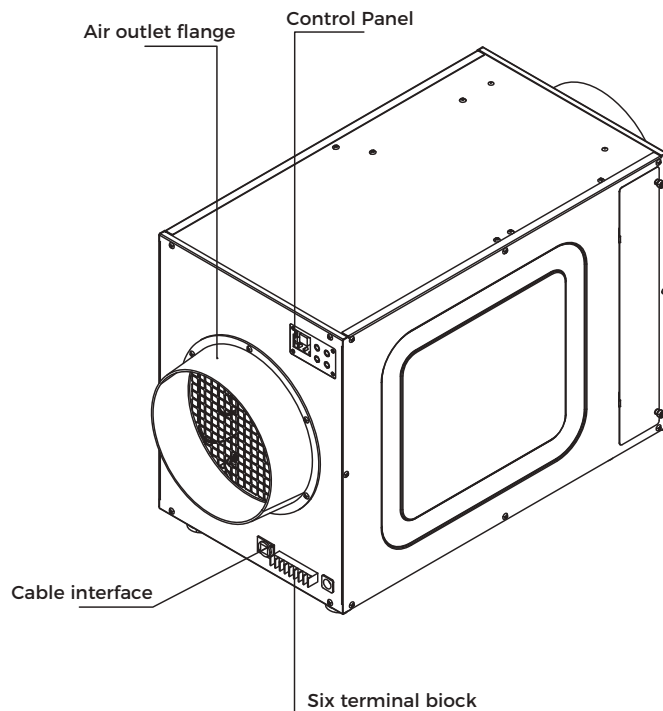
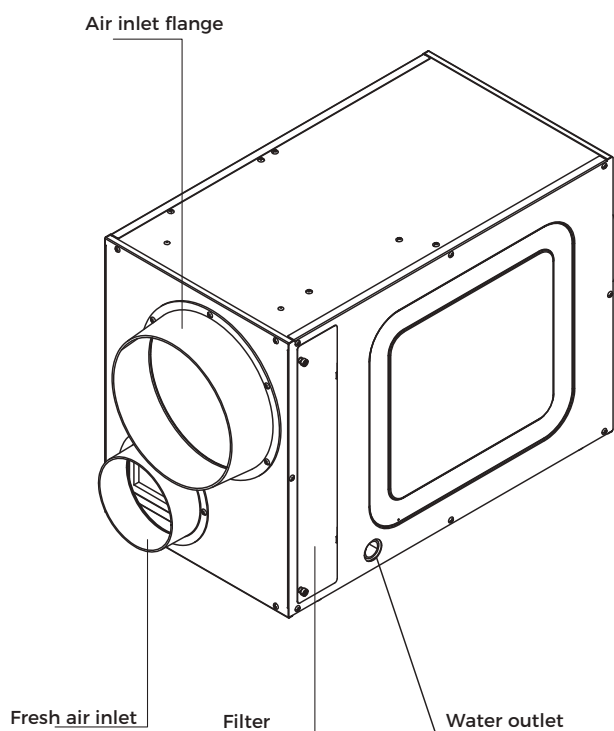


**IMPORTANT:** After unpacking (or accidental tip-over) allow dehumidifier to stand upright for 20 minutes before starting

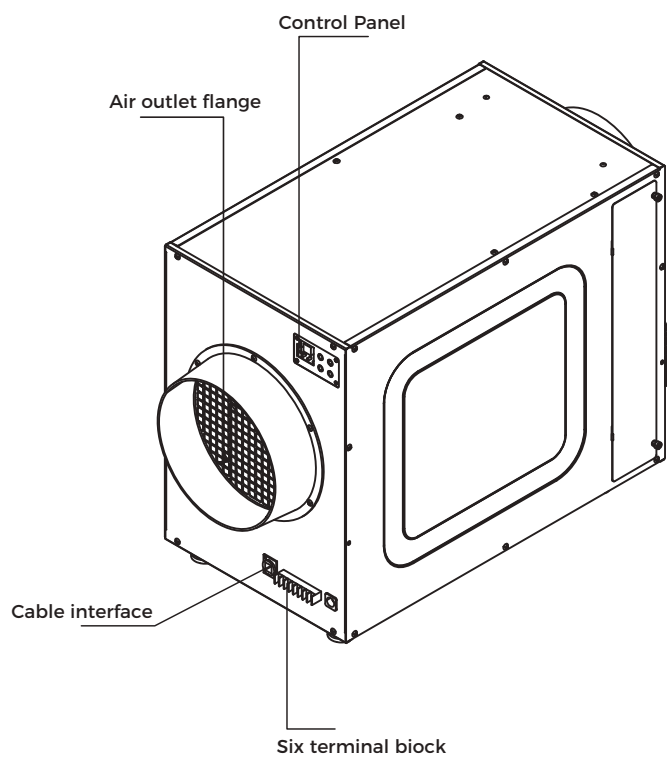
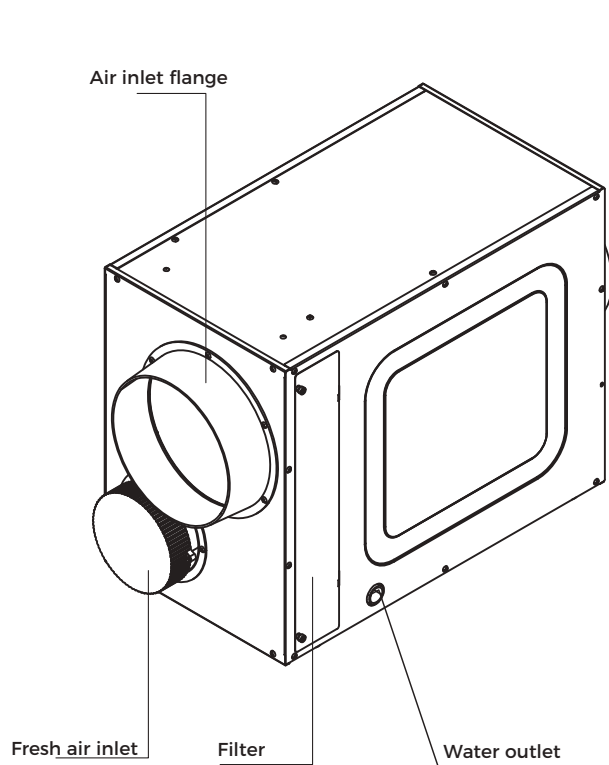
## INTRODUCTION OF STRUCTURE AND SHAPE-WH70



## INTRODUCTION OF STRUCTURE AND SHAPE-WH95

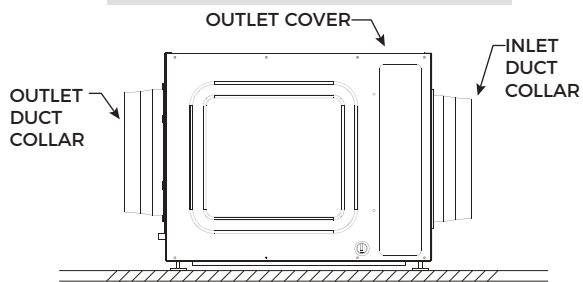


# INTRODUCTION OF STRUCTURE AND SHAPE-WH135

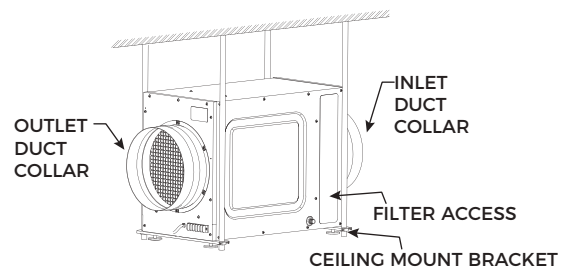


# DUCT COLLARS

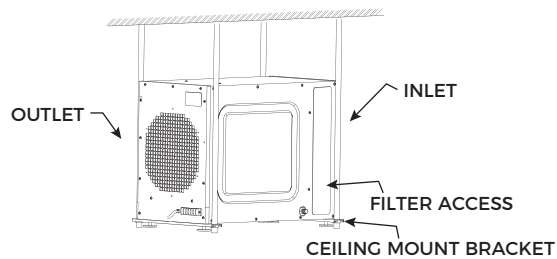
## - FLOOR MOUNT



## - CEILING MOUNT WITH DUCTING

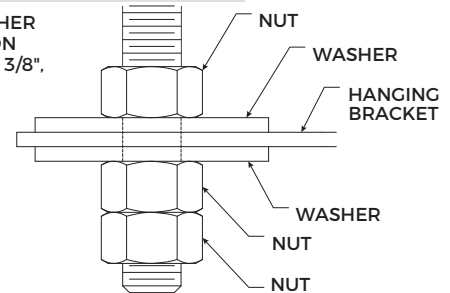


## - HANGING INSTALL WITHOUT DUCTING



## - HOISTING MATERIAL

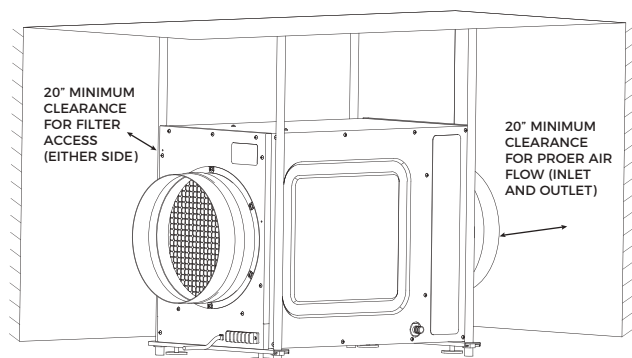
NUT AND WASHER  
SIZES BASED ON  
ROD SIZE (1/4", 3/8",  
1/2")



# LOCATION CONSIDERATIONS

- Allow sufficient clearance for filter removal and to prevent airflow obstruction.
- Electrical service and control panel toward the outside aisle and allow sufficient space on this side of the unit.

## - FILTER ACCESS CLEARANCE



## DRAIN INSTALLATION

The drain outlet on the dehumidifier can be hard piped using a 3/4" PVC Slip x 3/4" MNPT fitting and 3/4" nominal drain tubing or the provided 3/4" MNPT x 3/4" hose barb fitting and 3/4" clear PVC tubing can be used to drain the dehumidifier. Always maintain a constant downward slope from the dehumidifier to the drain and do not allow soft tubing to curl up which may result in air lock.

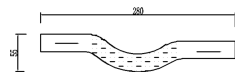
**NOTE:** PTFE thread seal tape is recommended for the threaded connection and hand tighten only. If hard pipe is used, PVC primer and cement is recommended for the slip fit connection.

## LEVELING

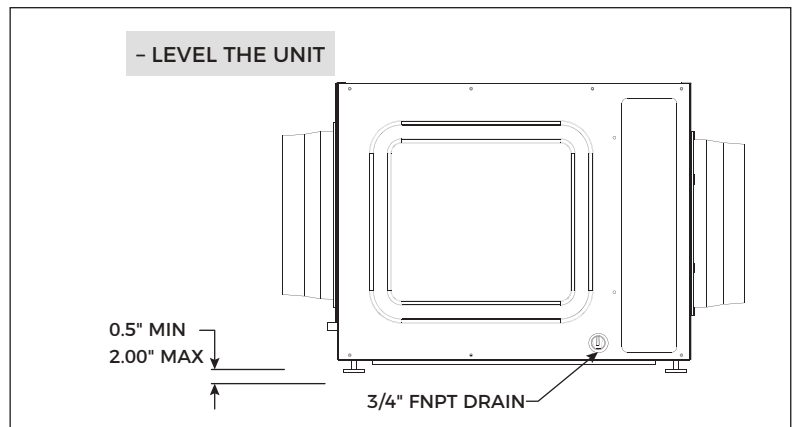
- The adjust feet can be adjusted to level the unit, and if required, to accommodate drain fittings and a secondary condensate pan.
- **Leveling is required to ensure proper drainage from the dehumidifier.**



3/4-14NPT outer wire connector



Water Storage Bend



## SIX TERMINALS DESCRIPTION

A wiring six terminal block is located on the side panel of the dehumidifier unit.

The six terminals for the terminal block (reading from left to right in the photo) are:

**FLOAT:** External low voltage float switch or water sensor (two terminals). Use normally closed switch.

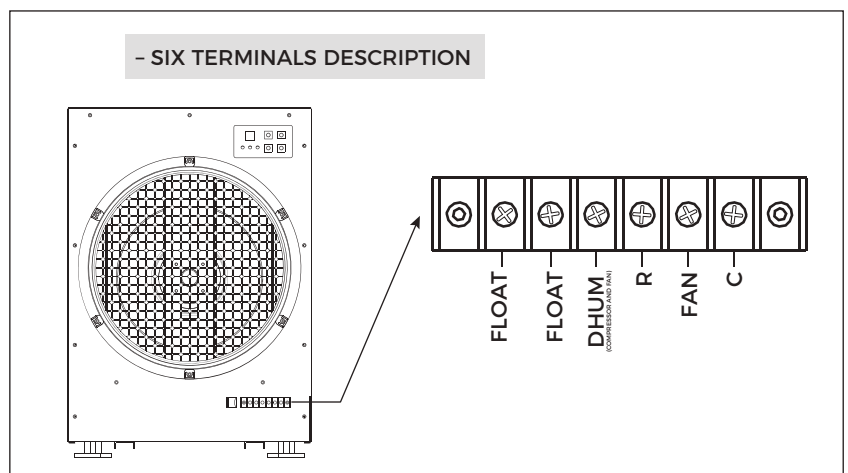
**DHUM:** Compressor and fan operation for dehumidification

**R:** 12V output

**FAN:** Fan activation only for ventilation

**C:** 12V output

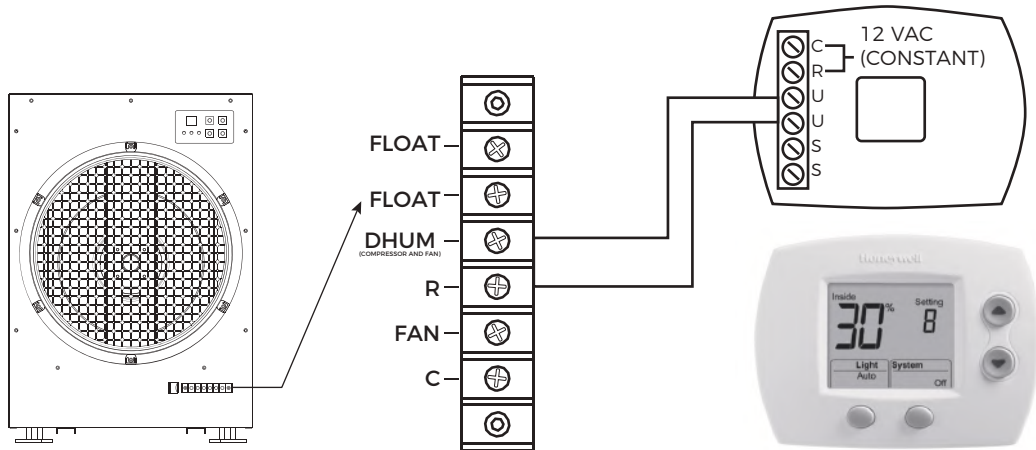
External 12V devices can be powered from R and C terminals (20VA max.).



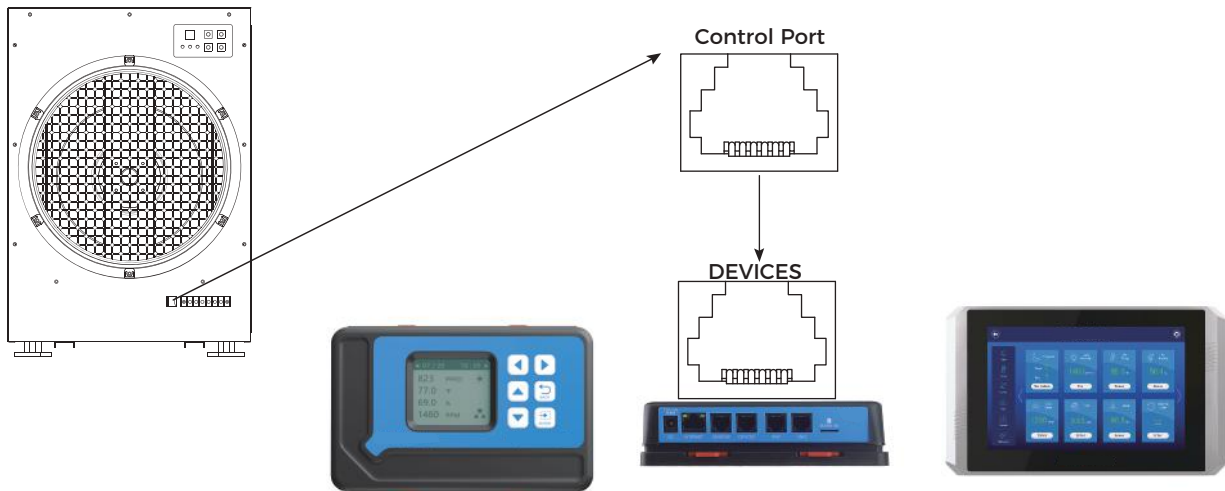
# WIRING CONTROLLER

Follow this diagram if using the Honeywell HumidiPro Digital Humidity Controller.

## - Honeywell HumidiPRO Programmable Digital Humidistat Wiring



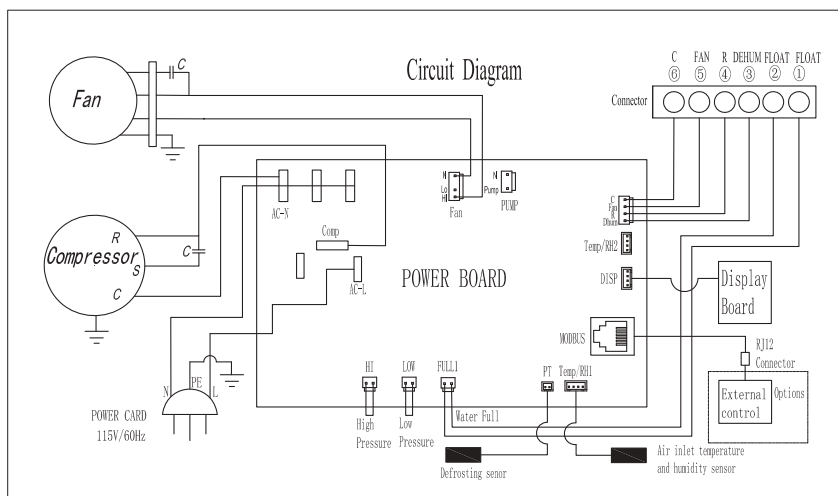
- Unified control: with the help of RJ12 port to achieve multiple online function.
- External control: through RJ12 port external controller (model: K30M)



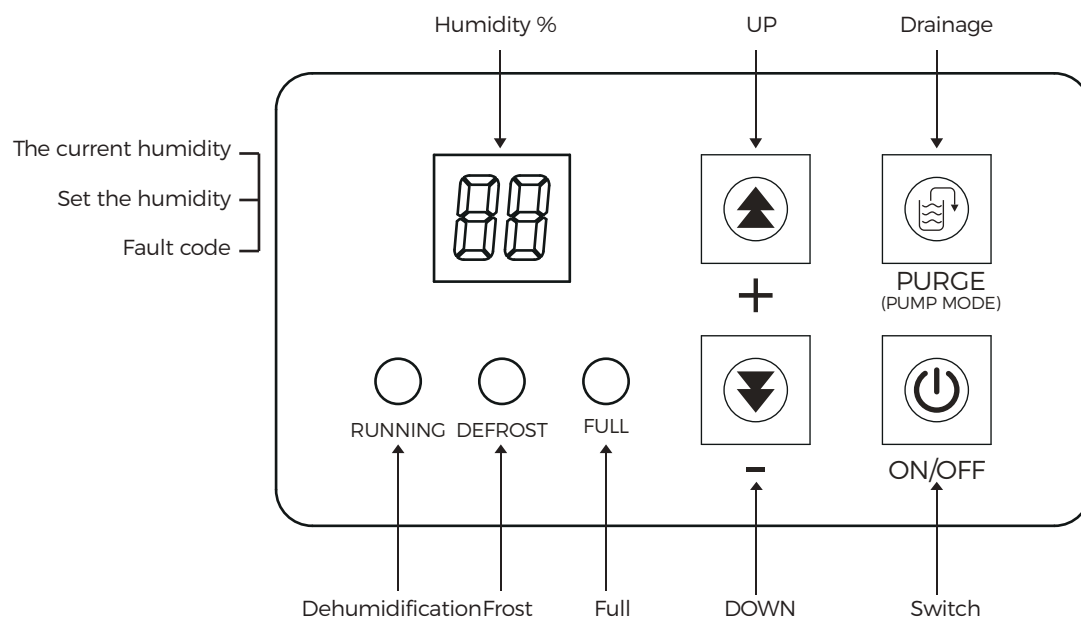
## TECHNICAL SPECIFICATIONS

MODEL	WH70	WH95	WH135
Input Voltage	115V / 60Hz 1PH	115V / 60Hz 1PH	115V / 60Hz 1PH
Rated Current	4.3A	5.6A	7.5A
Power	490W	640W	860W
Fan Airflow Vol.	170 CFM	315 CFM	340 CFM
Capacity (80 F 60 %RH) / Day	70 PINTS	95 PINTS	135 PINTS
Capacity (86 F 80 %RH)/ Day	100 PINTS	173 PINTS	202 PINTS
Power Cord Length	10.5 ft.	10.5 ft.	10.5 ft.
Refrigerant	R410A / 19.4 Oz	R410A / 28.2 Oz	R410A / 35.3 Oz
Unit Dimension (L*W*H)	28.4 x 12.4x 12.7 in.	32.1 x 14.6 x 18.9 in.	32.1 x 14.6 x 20.6 in.
Package Dimension (L*W*H)	32.9 x 16.7 x 16.9 in.	35.5 x 19.1 x 23.8 in.	35.5 x 19.1 x 25.4 in.
Net Weight	65 lbs / 29.5kg	87 lbs / 39.5kg	99 lbs / 45kg
Gross Weight	73 lbs / 33.2kg	96.7 lbs / 43.9kg	109.5 lbs / 49.7kg

## ELECTRICAL SCHEMATIC DIAGRAM



## CONTROL PANEL



### Display Instruction

- Screen display green color two digitals
- Display contents include current humidity, setting humidity and fault code.
- Three indicator lights, green lights for dehumidification, red lights for defrosting and water full.
- The green color two digitals screen is flashing under the setting, fault, and warning.

### Button Instruction

#### POWER ON/OFF

Press "ON/OFF" button to switch the dehumidifier ON or OFF.

#### DRAINAGE

Press "PURGE" button once to start the water pump drainage. *(Optional function)*

#### HUMIDITY SETTING

Press "+" / "-" button to increase / decrease the humidity level by 1% increments. Touch and hold to increase/decrease the setting humidity level by 5% per second. The adjustable range is 30% - 90%

### Information

Unit makes a "BEEP" sound when powered on. The default setting for humidity is 30% and use the Humidity Up and Down buttons to adjust the humidity setting.

When the humidity is set at 30%, keep pressing the Humidity Down button to activate continuous dehumidify mode, which will show as "CO" (Continuous Operation) on the screen. When the humidity value is set to 30%-90%RH, the "CO" mode is automatically exited and the set humidity value is displayed.