Model

611227

Description

The Electronic Humidistat with LCD is used with HRV/ERV systems or with air exchanger/extractor units

Features

- Built-in temperature and humidity sensor
- Displays setpoint, actual relative humidity, actual ambient temperature and operation mode
- Adjust setpoint and ventilator speed
- Select operation mode
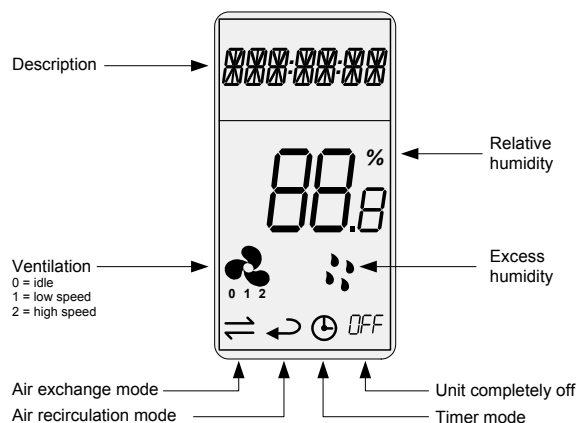- Select temperature unit display in °C or °F
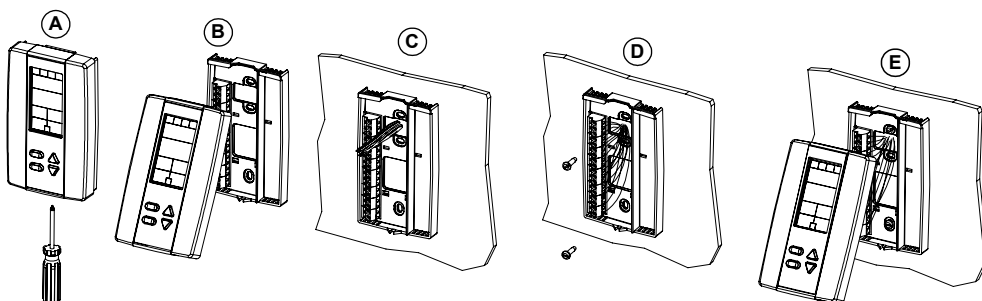
611227

Technical Specifications

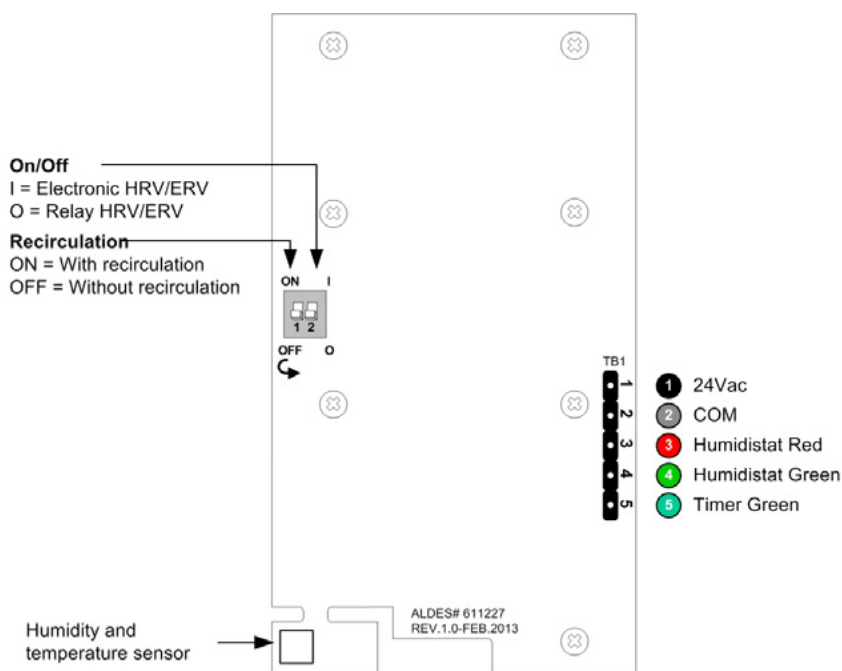| Description	611227
Power:	22 to 26 Vac 50/60 Hz
Humidity precision:	+/- 3 % between 20 and 80 % RH
Humidity setpoint range:	10 to 90 % RH
Humidity display range:	0 to 100 % RH
Temperature precision:	± 0.4 °C between 20 and 40°C [68 to 104°F]
Plage d'affichage de température :	0 to 50 °C [32 to 122 °F]
Temperature display range:	0 to 50 °C [32 to 122 °F], 0-95 %RH
Storage temperature:	-20 to 50 °C [-4 °F to 122 °F], 0-95 %RH
Dimensions A = 2.85" (73mm) B = 4.85" (123mm) C = 1.00" (25mm) D = 2.36" (60mm) E = 3.27" (83mm)	

Interface

Description

Relative humidity

Ventilation
0 = idle
1 = low speed
2 = high speed

Excess humidity

Air exchange mode

Air recirculation mode

Unit completely off

Timer mode

⚠️ **CAUTION: Remove power to avoid a risk of malfunction.**

A.   Remove the captive screw that's holding the base and the front cover of the unit together.
B.   Lift the front cover of the unit to separate it from the base.
C.   Pull all wires through the holes in the base.
D.   Secure the base to the wall using wall anchors and screws (supplied). Make the appropriate connections.
E.   Mount the control module on the base and secure using the screw

Connections

On/Off
I = Electronic HRV/ERV
O = Relay HRV/ERV

Recirculation
ON = With recirculation
OFF = Without recirculation

TB1
1. 24Vac
2. COM
3. Humidistat Red
4. Humidistat Green
5. Timer Green

Humidity and temperature sensor

ALDES# 611227
REV.1.0-FEB.2013

With recirculation	
7200 – 7210 – 7240 – 7260 – 7290 – 7292 – 7295 H/E80-HR(G/X) – H/E95 – H120 – H/E130 H/E150 – H/E190 – H/E215 - H/E280 H/E650* - H/E1100* - H/E1800*	ON I OFF O
Without recirculation	
7250 – 7261 H/E80-HF – H110 H/E650** - H/E1100** - H/E1800**	ON I OFF O

Electronic HRV/ERV	
7240 – 7250 – 7260 – 7261 – 7290 – 7292 – 7295 H/E80 – H/E95 – H/E110 – H120 – H/E130 H/E150 - H/E190 - H/E215 - H/E280 H/E650 – H/E1100 – H/E1800	ON I OFF O
Relay HRV/ERV	
7200 – 7210	ON I OFF O

* with recirculation
** without recirculation

Room temperature

Relative humidity setpoint

Operation speed

Operating mode

Excess humidity: Relative humidity above the setpoint
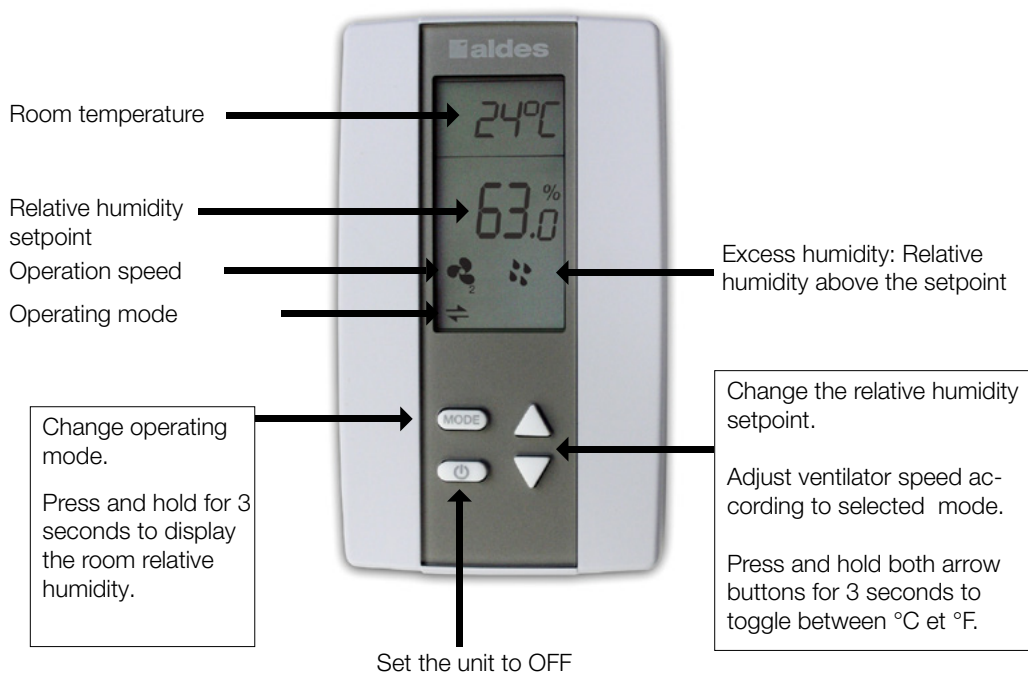
Displays the « Excess Humidity » icon if the humidity level is above the setpoint. The unit will evacuate the excess humidity to the outside at high speed until the humidity level drops below the setpoint. If the operation mode is « OFF » the excess humidity will not be evacuated from the building.

After 5 seconds without pressing a button, the display returns to normal.

Change operating mode.

Press and hold for 3 seconds to display the room relative humidity.

Change the relative humidity setpoint.

Adjust ventilator speed according to selected mode.

Press and hold both arrow buttons for 3 seconds to toggle between °C et °F.

Set the unit to OFF

Mode	Speed	Description	ON ▯ 1 2 OFF ○ **ON | ON**	ON ▯ 1 2 OFF ○ **OFF | ON**	ON ▯ 1 2 OFF ○ **ON | OFF**	ON ▯ 1 2 OFF ○ **OFF | OFF**
OFF	-	Unit stops completely. Remains idle regardless of the humidity level.	Yes	Yes	n/a	n/a
⇌	🌀 0	Remains idle until the humidity goes above the setpoint.	Yes	Yes	n/a	n/a
	🌀 1	Continuously exchanges air with the outside at low speed.	Yes	Yes	Yes	Yes
	🌀 2	Continuously exchanges air with the outside at high speed.	Yes	Yes	Yes	Yes
↩	🌀 1	Recirculates interior air at low speed.	Yes	n/a	Yes	n/a
	🌀 2	Recirculates interior air at high speed.	Yes	n/a	Yes	n/a
🕐	🌀 1	Exchanges air with the outside at low speed for 20 minutes. Then remains idle for 40 minutes.	Yes	Yes	n/a	n/a
↩🕐	🌀 1	Continuously exchanges air with the outside at low speed for 20 minutes. Then recirculates interior air at low speed for 40 minutes.	Yes	n/a	Yes	n/a

Recycling at end of life: please return this product to your local distributor for recycling.