

INSTALLATION AND OWNER GUIDE FOR 40355, 40455 AND VT9W WALL CONTROLS

WALL CONTROL COMPATIBILITY

REFER TO THE WALL CONTROL COMPATIBILITY CHART INCLUDED WITH THIS WALL CONTROL.

WALL CONTROL INSTALLATION

WARNING

IT IS RECOMMENDED TO WEAR SAFETY GLASSES AND GLOVES WHILE PERFORMING THESE INSTRUCTIONS. ALWAYS DISCONNECT THE UNIT BEFORE MAKING ANY CONNECTIONS. FAILURE TO DISCONNECT POWER COULD RESULT IN ELECTRIC SHOCK OR DAMAGE TO THE WALL CONTROL OR ELECTRONIC MODULE INSIDE THE UNIT.

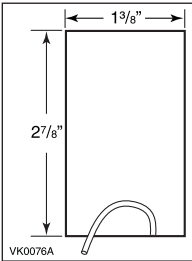
CAUTION

FAILURE TO COMPLY WITH THE FOLLOWING CAN CAUSE ERRATIC OPERATION OF THE UNIT AND/OR THE WALL CONTROL:
NEVER INSTALL MORE THAN ONE X-TOUCH MAIN WALL CONTROL PER UNIT. MAKE SURE THAT THE WIRES DO NOT SHORT-CIRCUIT BETWEEN THEMSELVES OR BY TOUCHING ANY OTHER COMPONENTS ON THE WALL CONTROL. AVOID POOR WIRING CONNECTIONS. TO REDUCE ELECTRICAL INTERFERENCE (NOISE) POTENTIAL, DO NOT RUN WALL CONTROL WIRING NEXT TO CONTROL CONTACTORS OR NEAR LIGHT DIMMING CIRCUITS, ELECTRICAL MOTORS, DWELLING/BUILDING POWER OR LIGHTING WIRING, OR POWER DISTRIBUTION PANEL.

1 UNPLUG THE VENTILATION UNIT FROM POWER SOURCE.

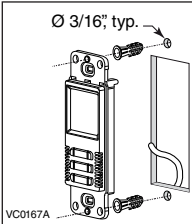
2 CUT A 2 7/8" x 1 3/8" HOLE IN A WALL, AT A CONVENIENT LOCATION FOR THE WALL CONTROL. ROUTE THE CABLE FROM THE UNIT TO THIS HOLE.

NOTE: DIMENSIONS SHOWN ARE FOR AN INSTALLATION WITHOUT WALL BOX.

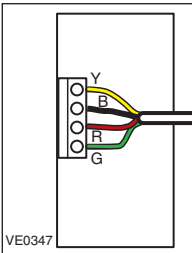


3 TEMPORARILY PLACE THE SWITCH OVER THE HOLE AND MARK BOTH MOUNTING SCREW HOLE POSITIONS.

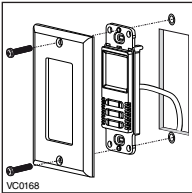
4 REMOVE THE SWITCH, DRILL BOTH SCREW HOLES (3/16" Ø) IN WALL AND INSERT WALL ANCHORS (INCLUDED).



5 STRIP THE END OF THE CABLE TO ACCESS THE 4 WIRES. STRIP THE END OF EACH WIRE. USING A SMALL BLADE SCREWDRIVER, CONNECT EACH WIRE TO ITS CORRESPONDING TERMINAL, ON THE BACK OF THE WALL CONTROL: YELLOW WIRE TO "Y," BLACK WIRE TO "B," RED WIRE TO "R," AND GREEN WIRE TO "G."



6 MOUNT THE WALL CONTROL TO THE WALL. PLUG THE VENTILATION UNIT AND TEST THE WALL CONTROL OPERATION.

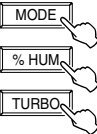


ERROR CODES

ERROR CODES	SOLUTION
A 2-DIGIT ERROR CODE (E1, E2, ETC.) IS DISPLAYED ON WALL CONTROL SCREEN.	- ENSURE THAT THE COLOR CODED WIRES HAVE BEEN CONNECTED TO THEIR APPROPRIATE PLACE. - ENSURE THAT THE WIRES ARE CORRECTLY CONNECTED. - PRESS AND HOLD SIMULTANEOUSLY FOR 8 SECONDS ON % HUM, MODE AND TURBO KEYS TO RESET THE WALL CONTROL. THE USER PREFERENCES WILL HAVE TO BE RESET.
A 3-DIGIT ERROR CODE (E21, E22, ETC.) IS DISPLAYED ON WALL CONTROL SCREEN.	PROBLEM WITH THE VENTILATION UNIT. CONTACT YOUR INSTALLATOR.
A 10-SECOND COUNTDOWN IS DISPLAYED ON WALL CONTROL SCREEN.	WAIT UNTIL THE END OF THE COUNTDOWN, WITHOUT PRESSING ANY KEY.

WALL CONTROL Use

BACKLIGHT



IF THE BACKLIGHT IS NOT ILLUMINATED, PRESSING ON MODE, % HUM OR TURBO KEY WILL ACTIVATE IT. THE BACKLIGHT REMAINS ILLUMINATED FOR 10 SECONDS AFTER THE LAST KEY IS PRESSED (NO MATTER THE KEY).

WALL CONTROL Use (cont'd)

OPERATING MODES

NOTE: IF THE BACKLIGHT IS NOT ILLUMINATED, PRESS ON ANY KEY TO ACTIVATE THE WALL CONTROL.



PRESS THE MODE KEY TO CHOOSE THE OPERATION MODE OF THE VENTILATION UNIT (EXCEPT TURBO MODE). OPERATING MODE WILL THEN APPEAR ON LCD SCREEN (STANDBY, RECIRC, 20 min/h, CONT, SMART).



STANDBY

PUT THE UNIT ON STAND-BY MODE, SO IT WILL ONLY RESPOND TO OVERRIDE WALL CONTROLS (IF PRESENT). ON LCD SCREEN, ONLY THE HOUSE IS VISIBLE SHOWING THE CONTROL IS POWERED ON. THIS IS THE FACTORY SET DEFAULT MODE.



RECIRC

AIR IS RECIRCULATED INSIDE THE HOUSE ON HIGH SPEED.



20 min/h

THE VENTILATION UNIT EXCHANGES AIR INTERMITTENTLY ON A ONE HOUR CYCLE AS FOLLOWS: OFF FOR 40 MIN. (OR RECIRCULATION FOR 40 MIN. ON LOW OR HIGH SPEED, SEE BACK PAGE) AND THEN EXCHANGE AIR DURING 20 MIN. ON LOW SPEED. REPEAT CYCLE AFTER THE 20 MIN. OF AIR EXCHANGE.

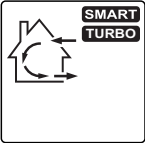


CONT

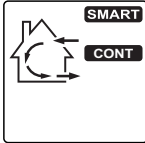
AIR IS EXCHANGED WITH THE OUTDOORS AT THE MINIMUM BLOWER SPEED.

SMART

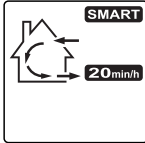
AIR EXCHANGE IS MANAGED ACCORDING TO INDOOR HUMIDITY MEASURED BY THE WALL CONTROL AND OUTDOOR TEMPERATURE. IN SMART MODE, THE SMART ICON APPEARS AS WELL AS THE CURRENT OPERATING MODE CALLED BY SMART (SEE BELOW).



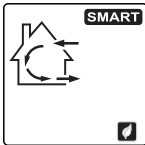
TURBO MODE
CALLED BY
SMART MODE



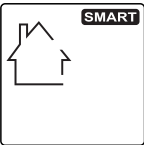
CONT MODE
CALLED BY
SMART MODE



20 min/h MODE
CALLED BY
SMART MODE



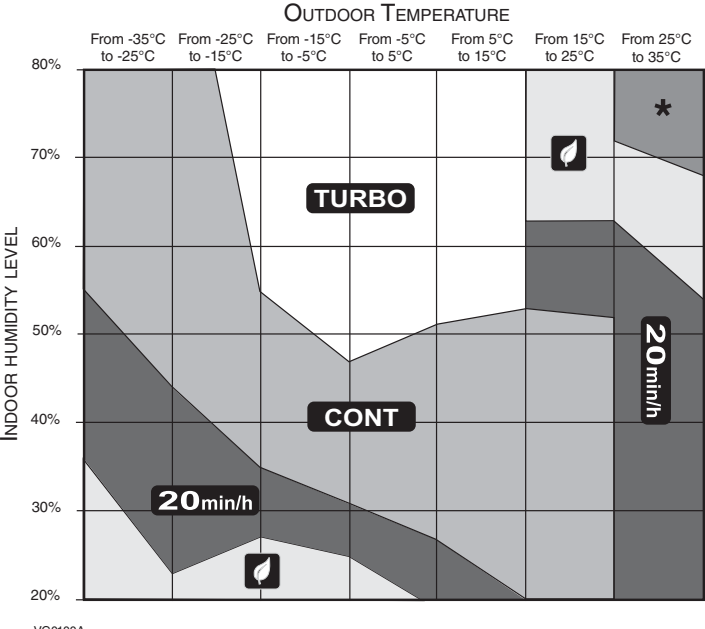
ECO MODE
CALLED BY
SMART MODE
(SEE NOTE)



STANDBY
MODE
CALLED BY
SMART MODE

NOTE: THE ECO MODE SET THE UNIT OPERATION TO STANDBY FOR 50 MINUTES (OR IN RECIRC MODE FOR 50 MINUTES; SEE SETTINGS SECTION) AND THEN EXCHANGE AIR DURING 10 MINUTES ON LOW SPEED. THIS MODE IS EXCLUSIVELY ACTIVATED BY SMART MODE.

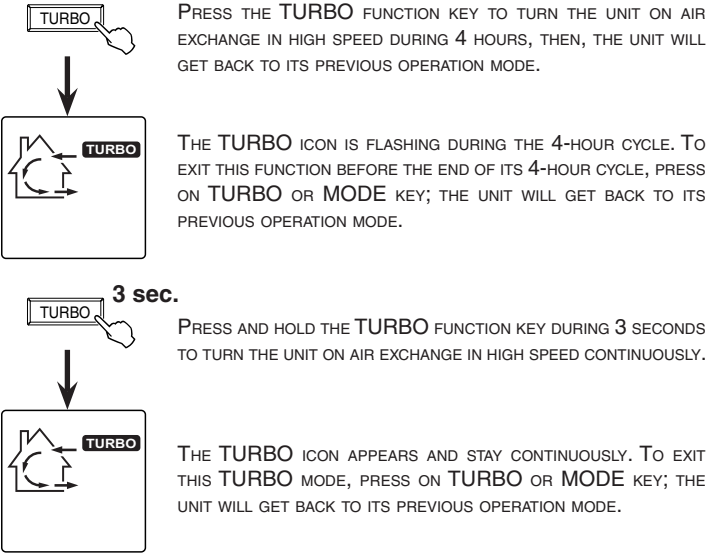
THE CHART BELOW SHOWS THE OPERATING MODES CALLED BY SMART MODE, ACCORDING TO THE INDOOR HUMIDITY PERCENTAGE AND THE OUTDOOR TEMPERATURE.



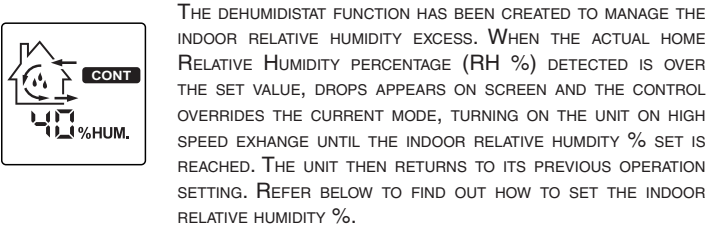
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FUNCTIONS

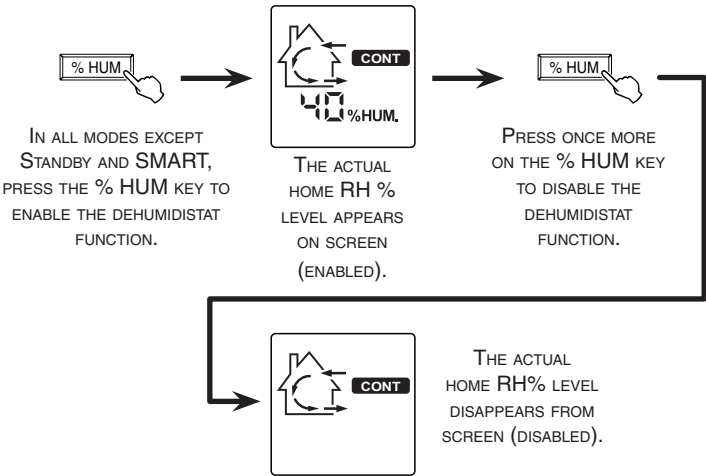
TURBO FUNCTION



DEHUMIDISTAT FUNCTION

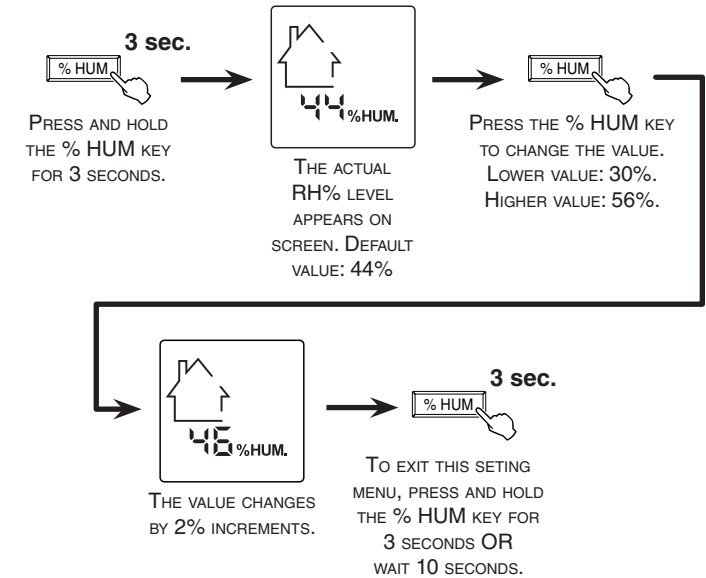


HOW TO ENABLE AND DISABLE THE DEHUMIDISTAT FUNCTION:



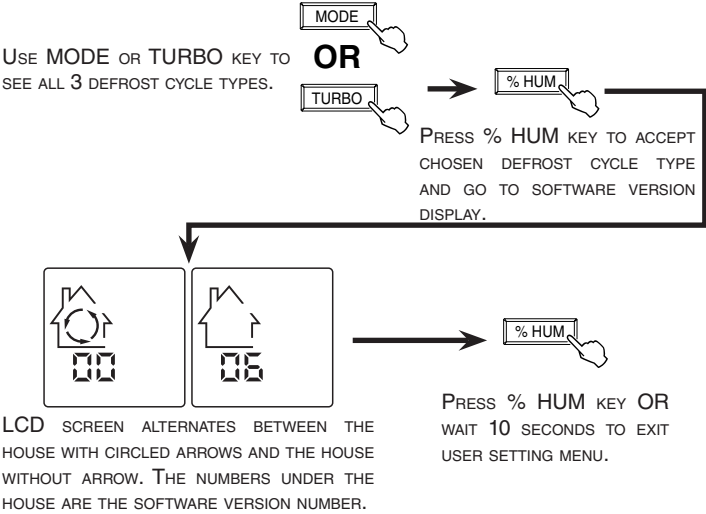
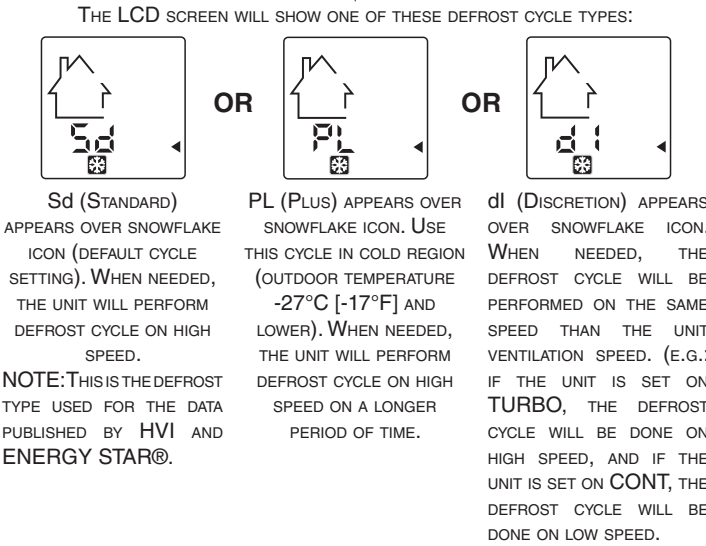
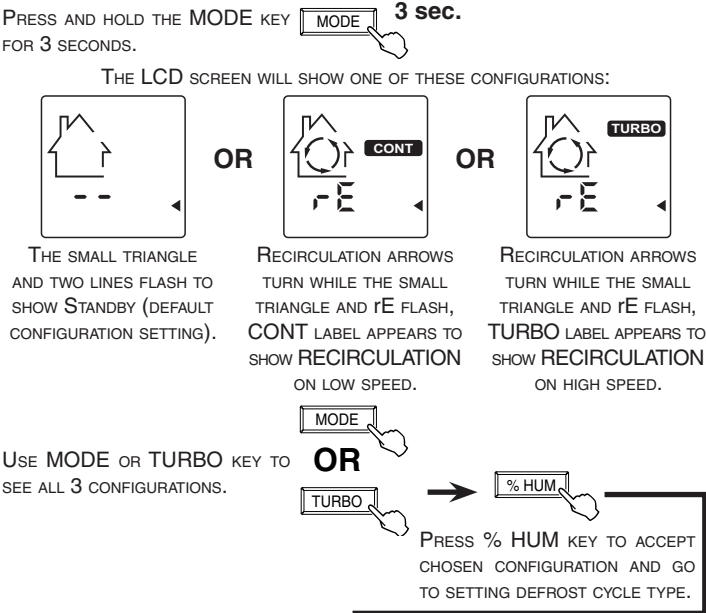
SETTINGS

HOW TO SET THE INDOOR RELATIVE HUMIDITY (RH %) LEVEL

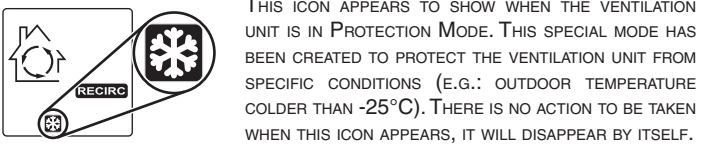


SETTINGS (CONT'D)

HOW TO SET THE UNIT OPERATION IN THE REMAINING 40 MINUTES ON 20 MIN/H MODE AND HOW TO SET THE UNIT DEFROST CYCLE TYPE



PROTECTION Mode



MAINTENANCE INDICATOR

