

Anden dehumidifiers can be wired in a daisy chain application, allowing one Model A77 or alternate dry contact dehumidistat to control any number of dehumidifiers wired together. Reference the dehumidifier Installation and Operation Manual for detailed set-up and operation.

MODEL A77 AS DRIVING CONTROL

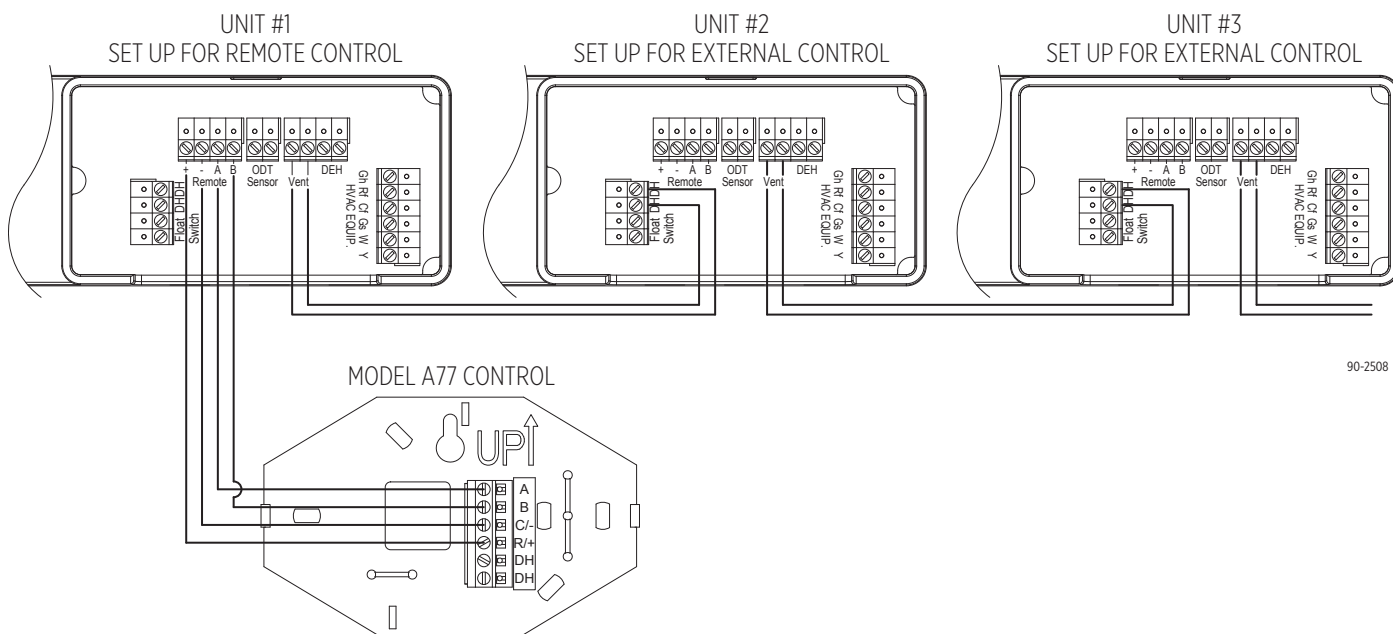
When a Model A77 is used to control the first dehumidifier, Unit #1 must be set to REMOTE in the set-up menu. All downstream units must be set up to EXTERNAL in each set-up menu. Wire as shown in **FIGURE 1**.

SEQUENCE OF OPERATION

Each unit in the daisy chain responds to the first unit being controlled by the A77. When the humidity level rises above the humidity setting, all units will dehumidify until the humidity measured by the A77 falls below the setting.

IMPORTANT: If the A77 or first dehumidifier experiences a fault or loses power, all downstream dehumidifiers will also stop function. If any dehumidifier in the daisy chain other than Unit #1 experiences a fault, that unit will stop operation as determined by the fault but all other units will continue operating. If any dehumidifier loses power, all downstream units will stop function.

FIGURE 1 – WIRING WITH A77 CONTROL



ALTERNATE EXTERNAL DRY CONTACT CONTROL AS DRIVING CONTROL

When a dry contact control is used to control the first dehumidifier, Unit #1 must be set to EXTERNAL in the set-up menu. All downstream units must be set up to EXTERNAL in each set-up menu. Wire as shown in **FIGURE 2**.

SEQUENCE OF OPERATION

Each unit in the daisy chain responds to the first unit being controlled by the external control. When the humidity level rises above the humidity setting, all units will dehumidify until the humidity measured by the external control falls below the setting.

IMPORTANT: If the external control experiences a fault, all downstream dehumidifiers will also stop function. If any dehumidifier experiences a fault, that unit will stop operation as determined by the fault but all other units will continue operating. If any unit loses power, all downstream units will stop function.

FIGURE 2 – WIRING WITH ALTERNATE EXTERNAL CONTROL

