



Signal Converter

ARB3

MODEL:

DESCRIPTION:

ARB3 (Signal Converter) is designed to allow a floating control signal from a thermostat or controller to operate a device with an AirFixture Generation-3 air valve. It can be used to add Generation-3 devices into Generation-1 system installations when additional interface accessories are needed.

The ARB3 includes two modular PAP (Plug & Play) connections:

- The “T-Stat” port is for connection to a thermostat or controller. This port supplies 24VAC power to the thermostat and receives the floating control signals.
- The “AF” port is for connection to the Gen-3 air valve. This port receives power from the air valve terminal and supplies the time-modulation control signal.

The ARB3 connects to an installed Gen-1 controller, using either existing cable or a new PAP cable (one [1] PAP-1J included). The floating control signal from the thermostat is converted to a signal that is recognized by Gen-3 devices.

The ARB3 is plug and play, requiring no setup or programming. It consumes as much current as one conventional Gen-3 device and should be counted in the power loading.



SPECIFICATIONS:

Application:	Signal Conversion for Generation-1 Compatibility
Size:	8.5" x 8.5" x 4.5" (216mm x 216mm x 114mm)
Shipping:	10" x 10" x 6" (254mm x 254mm x 153mm) 5 lbs. (2.5 Kg)
Electrical Ratings:	18-30 VAC
Input:	24VAC Floating Control
Output:	Generation-3 Control Signal