

AirBoss™ Series Control Panel Technical Specification Sheet

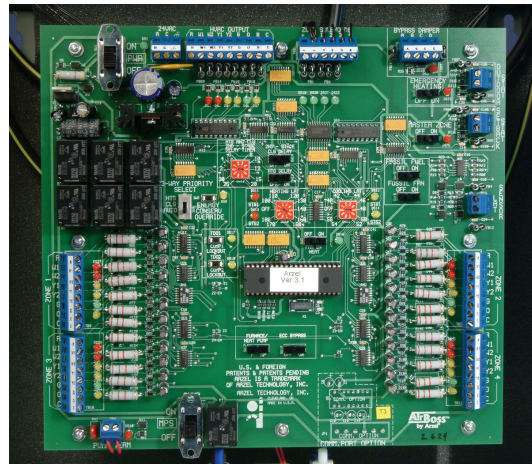
The AirBoss™ has the proven reliability and features Arzel is known to deliver. Exceptional compatibility with both single and two stage systems and with virtually all 24 VAC thermostats. Features include a built in fossil fuel kit, Leaving Air Temperature controls, and a Know-it-all™ panel which quickly lets you identify the status of each zone are all a part of the AirBoss™. The AirBoss™ also features an enhanced energy conservation program, easy heat pump programming, better fan control and convenient 45° angled terminal blocks for ease of installation.

Available configurations and part numbers

Part Number	Configuration	Weight (lbs.)	Dimensions
PAN-AB002	2-zone Panel	11.5	13 5/16" x 14 1/2" x 4 7/16"
PAN-AB002BYP	2-zone Panel w/ Bypass	11.5	13 5/16" x 14 1/2" x 4 7/16"
PAN-AB003	3-zone Panel	12	13 5/16" x 14 1/2" x 4 7/16"
PAN-AB003BYP	3-zone Panel w/ Bypass	12	13 5/16" x 14 1/2" x 4 7/16"
PAN-AB004	4-zone Panel	12.55	13 5/16" x 14 1/2" x 4 7/16"
PAN-AB004BYP	4-zone Panel w/ Bypass	12.55	13 5/16" x 14 1/2" x 4 7/16"
PAN-AB006	6-zone Panel	15.05	13 3/8" x 17 3/4" x 5 1/2"
PAN-AB006BYP	6-zone Panel w/ Bypass	15.05	13 3/8" x 17 3/4" x 5 1/2"
PAN-AB008	8-zone Panel	15.65	13 3/8" x 17 3/4" x 5 1/2"
PAN-AB008BYP	8-zone Panel w/ Bypass	15.65	13 3/8" x 17 3/4" x 5 1/2"



AirBoss™ Panel



AirBoss™ Board

Panel Features

- Two to eight primary zones per system.
- Use any standard thermostat.
- Single/Two-stage heating, cooling, and fan calls accepted from all zones. Flexible second stage activation either by thermostat or delay timers.
- 3-Way Priority™ System: select Heating, Cooling, or Automatic.
- Master Zone Control allows automatic night setback from one control.
- Built-in double-trip Leaving Air Temperature Controller (LAT)
- Enhanced Built-in Fossil Fuel kit.
- Compressor Short Cycle protection programmed into the board logic.
- Automatic static-pressure operated bypass damper available.
- EzySlide™ Dampers are low-pressure air-driven, they do not require electricity.
- Transformer furnished with each unit; no additional transformers needed for dampers or controls.
- Energy Conservation Cycle utilizes residual conditioned air, saving energy and money.
- Manual Pump Switch for emergency or test operation.
- Unlimited Smart Slave Zones™ can be added to all systems
- Complete System diagnostics. Reports at a glance what is happening throughout the system: which zones are calling for heating or cooling and the overall load status of the system.