



Product Description

The Robertshaw SlimZone® Classic zone control panel is Simply the Right Choice™ to deliver conditioned air in up to three zones. It is compatible with electric, gas, oil or heat pump equipment. These zone panels can be used with conventional single-stage heating and cooling units as well as single compressor heat pumps with auxiliary heat and duo fuel (add-on) systems. Add-on heat pump packages don't require a fossil fuel kit since the SlimZone Classic automatically locks out the compressor when the auxiliary heat source is energized. These units work with any single-stage mechanical or electronic thermostat. Even when used with heat pumps, auxiliary heat is controlled through a fixed timed upstage program.

The temperature is set independently by a single thermostat located in each zone. Air distribution to zones is controlled by rectangular or round motorized zone dampers with either two-wire spring return or three-wire power open-power closed actuators. The SlimZone Classic is wired directly to HVAC equipment. A dedicated 24V AC, 75 VA transformer is required to provide electrical power to the zone panel. The SlimZone Classic powers all zone thermostats and dampers.

Two-Zone Panel Model

Features and Benefits

- Low profile, ultra slim logic panel.
- Controls two or three zones.
- Compatible with electric, gas, oil or heat pump equipment.
- No fossil fuel kit required for add-on heat pump packages.
- LED indicator displays all system functions.
- 15-minute upstage to auxiliary heat on heat pump packages.
- Time delay override switch for fast test and check procedures.
- On-board heat pump emergency switch with remote terminals for round-the-clock control.
- 45-second fan purge into last zone(s) for added comfort.

When Zoning Should Be Used

Robertshaw Zone Control Systems are compatible with forced air heating and cooling systems, and they are ideal for homes and building that exceed 2,500 square feet. Zoning systems help overcome many of the heating and cooling problems associated with spacious living and working area, as well as contemporary architectural features. You should consider zoning if your project is a multiple-level home or building, a rambling structure like ranch-style housing or schools, and has:

- Large glass windows susceptible to sunlight that varies internal temperatures at different times of the day.
- Wings or additions extending from the main area.
- Vaulted ceilings, skylights, atriums or solariums.
- Finished attic, basement or room over the garage.
- Concrete slab flooring.



2701-001
2701-006

SLIMZONE® CLASSIC
ZONE CONTROL PANELS

Robertshaw® Zone Control Systems

Robertshaw Panels

Classic panels: up to 3 zones

Deluxe panel: up to 7 zones

Premier panel: up to 19 zones

Robertshaw Dampers

Rectangular motorized zone dampers

Round motorized zone dampers

Bypass non-electric zone dampers

Robertshaw Thermostats

Programmable thermostats

Digital non-programmable thermostats

Mechanical thermostats

Specifications

Item	2701-006 Logic Panel SCZ-2 SlimZone® Classic 2-Zone
	2701-001 Logic Panel SCZ-3 SlimZone® Classic 3-Zone
Power requirements	Dedicated 24V AC, 75 VA transformer
Operation	First call priority
Functional ratings	14°F to 158°F (-10°C to 70°C)
Storage ratings	-4°F to 158°F (-20°C to 70°C)

NOTE: It is recommended that the logic panel be installed in a conditioned environment. If installed in an unconditioned space, the current limiting devices used in the panel are temperature dependent. The following linear relationship exists between the ambient temperature and the operating current.

Ambient temperature	Maximum current
-4°F (-20°C)	3.40 amps
32°F (0°C)	2.98 amps
68°F (20°C)	2.50 amps
104°F (40°C)	2.03 amps
122°F (50°C)	1.80 amps
140°F (60°C)	1.58 amps
158°F (70°C)	1.35 amps

Terminal designations Equipment: G, Y1, W1, B, O, RH, RC
Thermostat: R, X, W, Y, G
Zone damper: PC, X, PO

Thermostats

- Single-stage mechanical
- Single-stage electronic

Dimensions 8.75" x 9.5" x 1.75"
(22 cm x 24 cm x 45 cm)
(222 mm x 241 mm x 44.5 mm)

Weight 3 lb. (1.36 kg.)

Wiring #18 gauge thermostat wire

Minimum ON/OFF times 4 minutes

Protection Short cycle

Slide switch selector to set

- Heat pump or heat/cool
- Add-on or normal
- Plenum fan control or fan with heat call
- Emergency heat

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