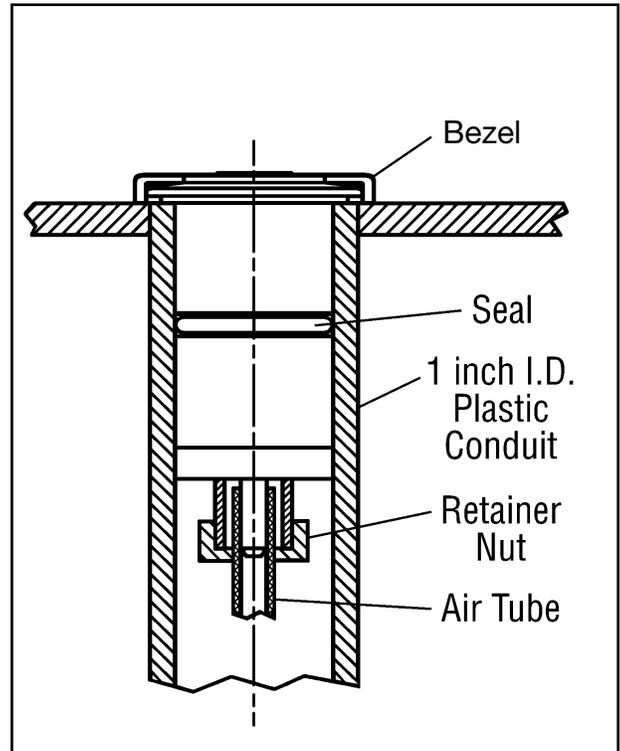


### Model: RC4G Air Button for Gunite / In-Wall Applications

This Air Button is especially suited for gunite/concrete type construction and it is designed to slip-fit inside of a schedule 40 PVC conduit. Because of its low profile, it is the perfect choice for both the vertical and the horizontal mounting arrangements. It will operate any Intermatic relay type Air Control up to 100 feet away.

#### Instructions

1. Make sure the distance between the Air Control and Air Button is not over 100 feet.
2. Install PVC conduit between the Air Control and Air Button, using sweep elbows or forming large radius curves with heat gun.
3. At pool/spa side, make sure the conduit is the 1 inch I.D., either rigid or the flexible type, and extends well beyond the intended finished surface.
4. When the pool/spa deck work is complete, cut conduit flush with finished surface. Try Air Button for fit. Due to irregularities and variations in conduit I.D. some sanding of I.D. may be required.
5. Pull 1/8 inch I.D. vinyl tubing between Air Control and Air Button, allowing 6 to 10 extra inches at both ends. Make sure the tubing is especially formulated for such an application (we recommend using tubing supplied by **Intermatic**), free of kinks, splices and protected from chemicals and rough edges. **Do not allow water or other contaminants to enter tubing.**



6. Slide retaining nut over tube and firmly press tube over air buttons connecting nipple. Hand tighten nut over the threaded portion of Air Button (see illustration above).
7. Push excess tubing back into conduit and press Air Button into conduit. Apply small amount of silicone sealer around the flange of Air Button and snap bezel over flange. **The use of permanent glue is not recommended.**

#### Troubleshooting

SYMPTOM	CAUSE(S)	CORRECTIVE ACTION
Air Button would not operate equipment. (See also "Useful Information" on back).	1. Loose air tube connection.	Check connections.
	2. Water in air tube.	Blow out tube.
	3. Air Control is too far from Air Button.	Change Air Button to larger size.
	4. Defective Air Button.	Change out Air Button.
	5. Defective control and/or equipment.	Check out installation.
	6. No power to control.	Turn breaker ON.

## List of Accessories and Applicable Products

<b>PART NUMBER</b>	<b>DESCRIPTION</b>
RC4G	Air Button for gunite construction - 100 ft. range
RC6F	Air Button for gunite/fiberglass construction - 150 ft. range
RC117	Air tubing - 75 ft. long
RC127B	Air tubing - 75 ft. long with RC4G Air Button
RC150	Air tubing - 500 ft. long
RC510	Tube coupler - 10 units

## Useful Information

This Air Button requires no service but other components of the system may, therefore a periodic check of the entire system is advised.

The Air Control System consists of an air button, a pulse switch and a relay. The air button is connected to the pulse switch by the air tube. By pressing on the air button at one end of the air tube, the increased pressure will momentarily close the contacts of the pulse switch at the other end, thus electrically energizing the coil of the relay. The relay turns ON or OFF the connected equipment. Water in air tube will damage the pulse switch. Water can enter the tube through a faulty air button or by way of condensation. In either case, it must be drained and the cause found and corrected. To reduce condensation, protect the air hose from exposure to direct sun, ice or frequent temperature fluctuations.

## LIMITED WARRANTY

Warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at [www.intermatic.com](http://www.intermatic.com). This warranty is made by: Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For warranty service go to: <http://www.Intermatic.com> or call 815-675-7000.

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