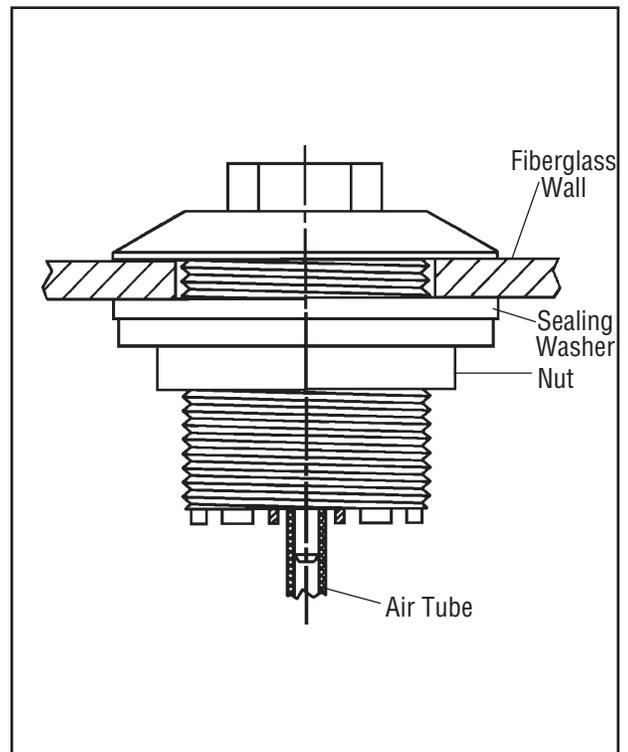


## Model: RC6F Air Button for Through-Hole/Fiberglass Applications

This air button is designed to fit through a 1-5/8 inch diameter hole in fiberglass, metal or wood materials, up to 3/4 inch thick, where the back of the mounting surface is accessible during installation. 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 150 feet away.

### Instructions

1. Make sure the distance between the Air Control and Air Button is not over 150 feet.
2. Install PVC conduit between the Air Control and Air Button, using sweep elbows or forming large radius curves with heat gun.
3. Drill 1-5/8 inch diameter hole through wall (deck, spa shell, etc.) at a conveniently accessible location, **above the highest possible waterline.**
4. Insert air button into hole and secure it from the back, with washer and nut - see illustration.
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. Firmly press both ends of air hose over the nipple of the Air Switch and Air Button.
7. Push excess tubing back into conduit. Apply small amount of silicone sealer around the flange of Air Button if needed.  
**The use of permanent glue is not recommended.**



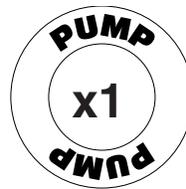
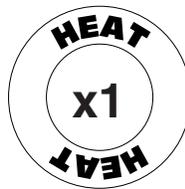
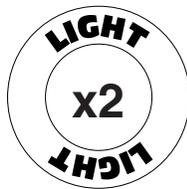
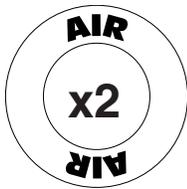
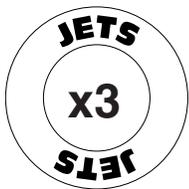
### Troubleshooting

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

PART NUMBER	DESCRIPTION
RC4G	Air Button for gunite construction - 100 ft. range
RC4F	Air Button for fiberglass construction - 100 ft. range
RC6F	Air Button for gunite/fiberglass construction - 150 ft. range
RC112	Air tubing - 25 ft. long
RC122B	Air tubing - 25 ft. long with RC4G Air Button
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
RC520	Assortment of bezels to fit RC4 Series Air Buttons (10 Bezels)

## RC520 Bezel Assortment



## 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.

### WARRANTY

If within one (1) year from the date of installation, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it free of charge.

The warranty does not cover labor for removal or reinstallation and does not apply to: (a) damage caused by accident, abuse, mishandling, or dropping; (b) a unit which has been subject to unauthorized repair; (c) units not used in accordance with directions; (d) damages exceeding the cost of the product. Some states do not allow a limitation of damages so the foregoing warranty may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid to the authorized service center listed below. This warranty is made by: Intermatic Incorporated/After Sales Service/7777 Winn Rd., Spring Grove, Illinois 60081-9698/815-675-7000 <http://www.intermatic.com> Please be sure to wrap the product securely to avoid shipping damage.

*Because of our commitment to continuing research and improvements, Intermatic Incorporated reserves the right to make changes, without notice, in the specifications and material contained herein and shall not be responsible for any damages, direct or consequential, caused by reliance on the material presented.*

**INTERMATIC INCORPORATED, SPRING GROVE, IL 60081**