

RAB90.1U

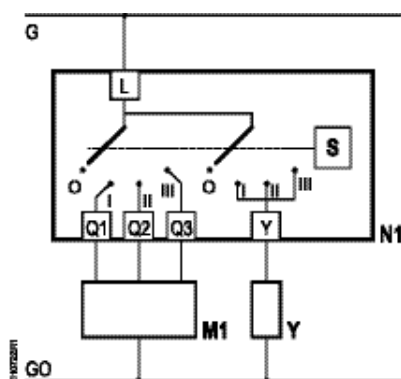
Fan Speed Switch









Description	The RAB90.1U is a simple fan speed switch with three speed levels, and a switched output (ON/OFF).	
Features	<ul style="list-style-type: none"> • Easy to install. • Three speed levels ♀ (Low), ♂ (Medium), and ♂ (High), plus Off ●. • Attractive housing style, similar to the award-winning RAA and RAB Series thermostats. 	
Application	The RAB90.1U is used in heating or cooling systems to select the fan speed and to release an additional device when the slider switch is in position ♀ (Low), ♂ (Medium), or ♂ (High). Typical installations include residential, commercial or light industrial buildings.	
Product Number	RAB90.1U	
Accessory	ARG70	Adapter plate, required for 2" x 4" conduit boxes.
Maintenance	This unit is maintenance-free.	
Specifications	Body	White/gray plastic
	Weight	4 oz (0.12 kg)
	Dimensions	3.80" x 3.92" (96.4 mm x 99.6 mm)
Power Supply	Operating voltage	24 to 120, 277 Vac
	Frequency	50 or 60 Hz
	Switch rating	6A RES, 3.5 FLA, 12 LRA
Agency Approvals	Conforms to CE requirements UL listed to UL 873 cUL listed to Canadian standard C22.2 No. 24-93	
Wiring	Screw terminals for wires of	2 x 16 AWG or 1 x 14 AWG minimum 20 AWG

- The RAB90.1U can be fitted to most commercially available, recessed conduit boxes or directly on the wall.
- Always mount the RAB90.1U on a flat wall.
- Ensure that all local electrical regulations are complied with.

1. Place a small screwdriver into bottom of fan switch and press in the two tabs located in the second air vent to remove cover.
2. Attach base plate to the wall.
3. Position fan switch housing over the two mounting lugs located at the top of the sub-base, and press down on cover until bottom lugs snap in place.
4. Make the electrical connections.
5. Insert the top of the fan switch cover into the slots located on the top of the thermostat, and press down until the two locking tabs snap into the second ventilation slot.



G	Operating voltage, 24 Vac
G0	Neutral
N1	Fan speed switch, RAB90.1U
M1	Three-speed fan
Q1	Control output for low fan speed 
Q2	Control output for medium fan speed 
Q3	Control output for high fan speed 
S	Slider switch—● (Off),  (Low),  (Medium),  (High)
Y	Switched device

