#### Cautions

- 1. Ensure that the fan is switched off from the supply mains before removing the guard.
- 2. The appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.
- 3. Type Y attachment Damaged supply cords to be replaced by the manufacturer, service agent or similarly qualified person to avoid hazard.
- 4. When the fan is not in use for a long time, the power supply should be cut off.
- 5. There is a high voltage circuit inside the motor, except for the scope of maintenance allowed in this specification, non-professional personnel may not disassemble and repair the fan or modify it by themselves.

#### Maintenances

- 1. The fan must be cleaned periodically to keep clean and attractive.
- 2. Open the net ring, remove the net(2) and blade(3). Use mild detergent or alcohol to clean off the dirt on the fan.
- 3. Don't web the motor during cleaning.
- 4. Assemble the fan after cleaning. Be sure the blade is properly fixed in the bearing, close the four clips and fix the screw in the guard.
- 5. After assembling, run fan with a slim pole to ensure well-balance and have no grating.

### **Feature And Application**

- 1. Heavy duty application and well-balanced fan blade for steady operation and high air delivery.
- 2. The motor is controlled by microcomputer and power electronic device, 19 speed selection, full function radio frequency remote control. The remote control has timing shutdown function and it can control fan through the wall.
- 3. The blade is driven by the motor, which has stable performance and long life.
- 4. Adjustable height and speed.
- 5.Ideal for cool-down, ventilation, heatstroke prevention to improve the environment in the public place warehouses, restaurants, workshop, mining area and other places.



# **Radio Frequency Remote Control**





Berton's Place #46 Sta. Rosa Street Barangay Manresa Quezon City, Philippines.

Tel Nos. 8282-5049; 8282-5098

Mobile Nos.: 0908-8908597; 0917-3079188

Email: iwata@colentco.com, iwata2@colentco.com,

iwata3@colentco.com sales mktg@colentco.com

Website: www.colentco.com

#### INSTRUCTION MANUAL

Please read the instructions carefully before use.

**Operating Instruction** 

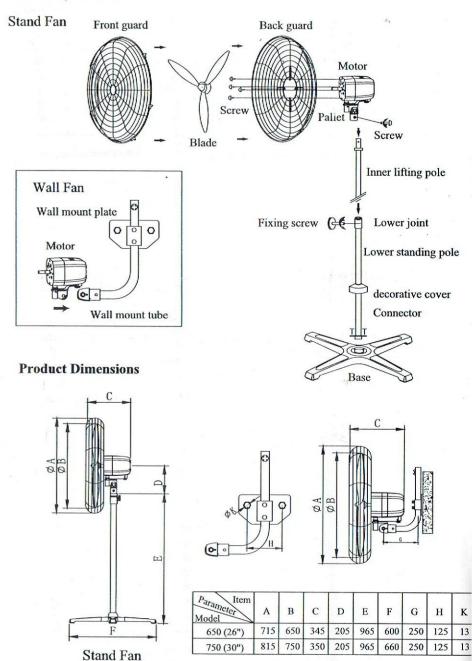
1. Refer to assembly scheme to assemble the fan, before assembling, please check parts carefully if any damage during shipment.

2. Move blade before operation, check if flexible and any rubbing with other parts, (Don't deform

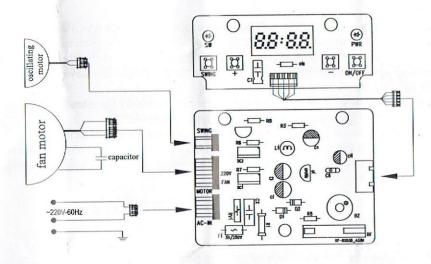
the blade).

- 3. The voltage and frequency should be the same as the motor label fixed. Don't use it in corrosive and other wet environment.
- 4.Don't use the fan beyond the height of elevation 1000 meters and don't use in place with temperature over 40°C.
- 5.The way to use the fan control panel: Turn on the power and the standby light on the fan control panel lights up. Press the "ON/OFF" button and the fan starts. The display lights up and displays the current fan speed; each time you press the "-" button, the fan speed will decrease one stage, until the minimum is 530rpm; each time you press the "+" button, the fan speed will increase one stagwe, until the maximum is 1570rpm; Press the "SWING" button, the fan rotates, and then press the "SWING" button, the fan stops rotation; Press the ON/OFF" button again, the fan stops rotating and enters the standby state.
- 6. The way to use remote control: The remote control is equipped with 2 "AAA" batteries. The remote control is one set and one code which has been paired before leaving the factory. If you replace the remote control, you need to re-code the code. The code is in the standby state. Press the "-" button and "+" button on the fan control panel at the same time for 3 seconds. By hearing a "B" sound in the motor, and then press the "ON/OFF" button on the remote control until the fan rotates and then let go to complete the code matching; The "ON/OFF" button, "-" button, "+" button and "SWING" button on the remote control have the same functions as the corresponding buttons on the fan panel; the "Timer" button is the timing button Every time you press, one hour is added at once, and the display on the fan control panel displays 1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H. Press the 9th time to cancel the timing function and the display shows the current speed. In the timing state, the display screen alternately displays the timing time and speed every 10 seconds; The "Memory" button is a memory button. After pressing it, it will remember the running state of the fan before power off. When restarting, it will run in the memory state, and press it again to cancel the memory state.
- 7. Height adjustable of stand fan and wall fan:
- a. Raise the height of stand fan: Hold firmly the inner lifting pole (5) or upper joint (13), loosen the fixing screw (12), set the fan to the required height, tighten the screw (12) and move the rubber washer (6) to the lowest end.
- b. Lower: Hold firmly the inner lifting pole (5)or upper joint (13), loosen the fixing screw (12), to slowly lower the fan to the desired position and tighten the screw(12).
- c. Adjust the height of wall fan: Hold firmly the wall mount tube and the fan head, loosen the 2 screws between the wall mount tube & the wall mount plate, move up or down the wall mount tube to desired position, then fix the 2 screws (Warning: Ensure the 2 screws are securely fixed).
- 8. Please attend to our remark: "INDOOR USE ONLY!"
- 9. Power supply must be cut and the blade is at rest when adjusting the height and the swing angle of the fan.
- 10. To be careful when the fan is used near the opened window, curtain portiere or foliage.
- 11. The wall fan should be installed 2.3 meters or more above the ground.

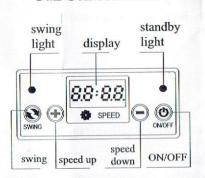
## Assembly scheme



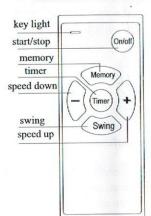
# **Wiring Drawing**



#### **Fan Control Panel**



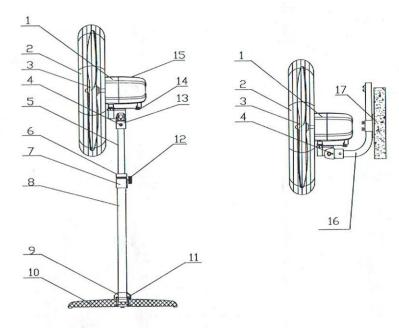
## **Remote Control**



## **Specification**

Model	R.P.M.		Air volume m³/min		Noise dB		Power W	
	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest
TORNADO 26R-NV TORNADO 26RW-NV	530	1570	42	245	49	72 .	65	200
TORNADO 30R-NV TORNADO 30RW-NV	530	1570	72	330	50	75	80	260

Specifications are subject to change without prior notice due to continuous product improvement.



- 1. Motor
- 2. Front guard & back guard
- 3. Blade
- 4. Holding screw
- 5. Inner lifting pole
- 6. Rubber washer
- 7. Lower joint
- 8. Lower standing pole
- 9. Decorative cover

- 10. Base
- 11. Screw
- 12. Fixing screw
- 13. Upper joint
- 14. Oscillation adjusting screw
- 15. Fan control panel
- 16. Wall mount tube
- 17. Wall mount plate