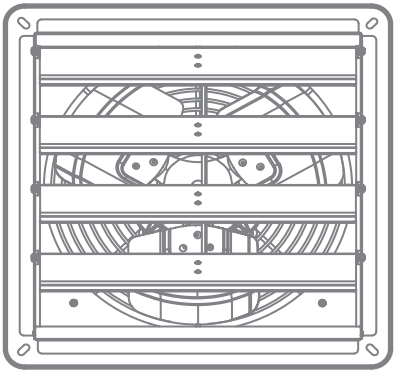
AITEC AC



AIRBIRD

SHUTTER EXHAUST FAN

User Manual

WELCOME

Thank you for choosing AITECAC. We place great emphasis on product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

Visit www.aitecac.com and click contact for our contact information.

E-MAIL
sales@aitecac.com

WEB
www.aitecac.com

TEL
(888) 990-7469

PRODUCT	MODE
AirBird S10	Manual control
AirBird S12	Manual control
AirBird T10	Program control
AirBird T12	Program control

SECURITY WARNING

Please install the fan in a fixed place and tighten the fixing screws. Make sure there are no obstacles nearby before operating it.

Don't touch the blades with your hands when the fan is running.

Don't remove or modify the motor yourself.

Please unplug the power cord if you don't use the device for a long time.

MANUAL INDEX

Product Introduction:

Key Features ..... Page 1
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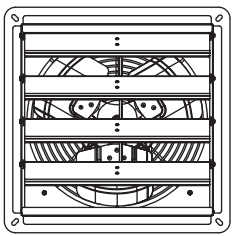
KEY FEATURES

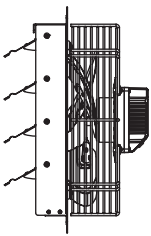
METAL FRAME

Metal frame can be used in harsh environments.



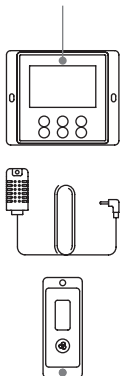
ALUMINUM SHUTTER

The aluminum shutter opens easily during operation and seals well when closed.



SMART CONTROLLER

Programmable control, Temp., Humidity and time parallel control to meet your needs.



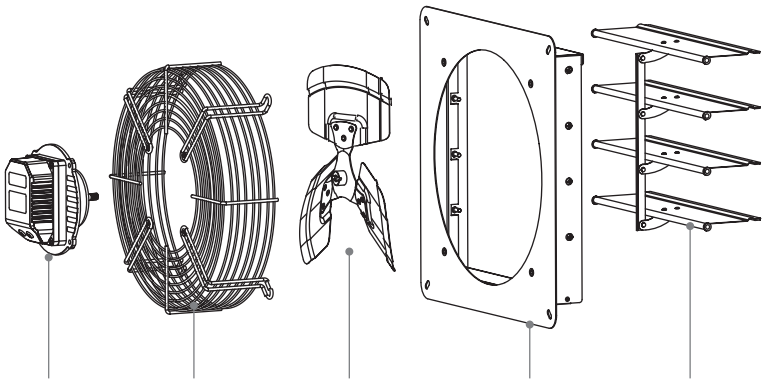
EC MOTOR

The EC external-rotor motor has a long life, high energy efficiency, and low noise.

SPEED CONTROLLER

The manual control has a total of 5 levels to adjust the wind speed and is easy and convenient to use.

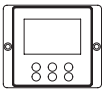
PRODUCT CONTENTS



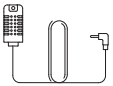
NOTE:
All illustrations are for reference only and the specific appearance and features are dependent on the actual product purchased.

PRODUCT CONTENTS

AIRBIRD T-Series



SMART CONTROLLER (×1)



SENSOR (×1)

WOOD SCREWS (WALL HANG) (×2)

WOOD SCREWS (WALL MOUNT) (×2)

MACHINE SCREWS (WALL MOUNT) (×2)

AIRBIRD S-Series

SPEED CONTROLLER (×1)

WOOD SCREWS (WALL MOUNT) (×2)

MACHINE SCREWS (WALL MOUNT) (×2)

FAN UNIT (Included in both S-Series and T-Series)

SHUTTER FAN UNIT (×1)

DUCT CLAMP (×4)

CABLE TIE MOUNT (×4)

MACHINE SCREWS (WALL MOUNT) (×4)

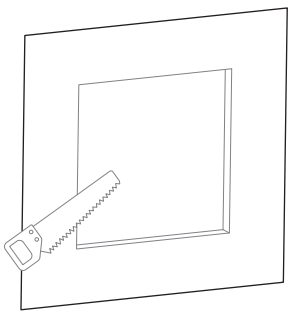
WOOD SCREWS (WALL HANG) (×4)

INSTALLATION

MOUNTING

STEP 1

Choose the appropriate tool according to the size of the fan frame to cut out the installation opening on the wall.



NOTE:

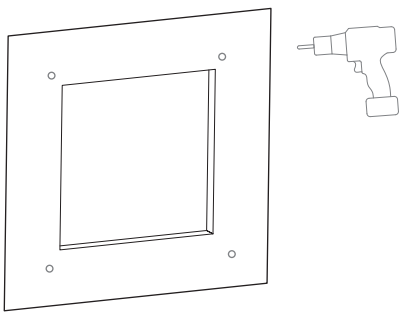
It's recommended that the fan be installed opposite the vent to facilitate air circulation. Since hot air rises, a higher installation position should be selected if installation conditions permit.

INSTALLATION

MOUNTING

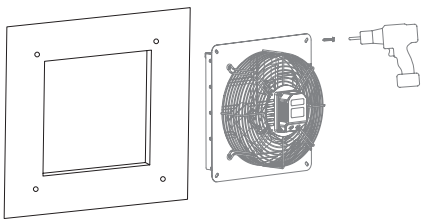
STEP 2

Place the outer frame of the fan in the cutout opening and trace the positions of the four mounting holes with a pencil, then remove the fan and drill four mounting holes with an electric drill.



STEP 3

Put the fan into the opening and select suitable screws to fix the fan on the wall with an electric screwdriver.

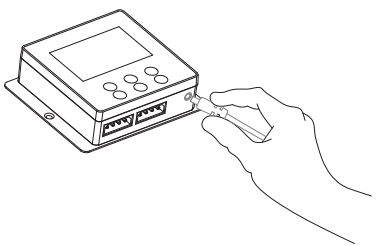


CONNECT POWER SUPPLY

T-SERIES

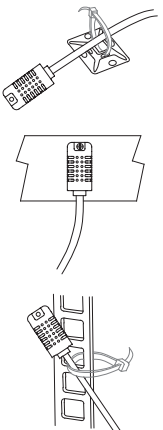
STEP 1

Insert the sensor plug into the controller.



STEP 2

Fix the probe in the room, preferably in the hottest and most humid place.



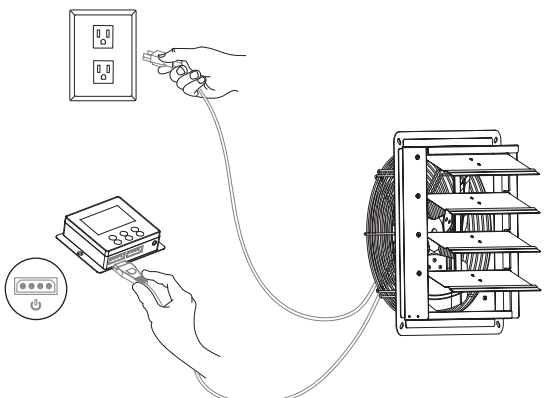
CONNECT POWER SUPPLY

T-SERIES

STEP 3

Plug the fan's control cable into the controller, then plug the power cord into the wall outlet to power the fan and controller. Note: This product is designed for wide voltage and can operate at 100-240V AC.

NOTE: If only one fan is connected to the controller, it must be connected to the port with the power symbol.

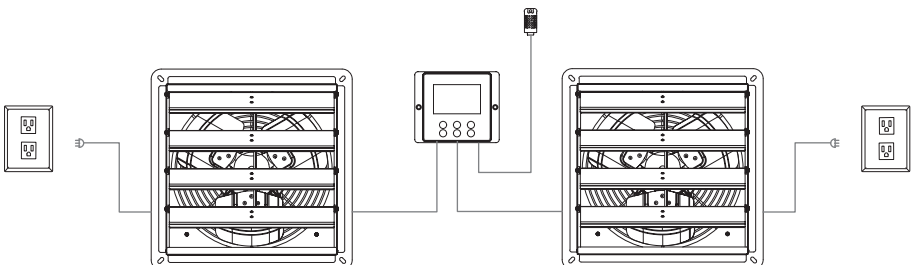


CONNECT POWER SUPPLY

T-SERIES

STEP 4

The controller can be connected to two fans to share programming.



CONTROL SYSTEM

T-SERIES

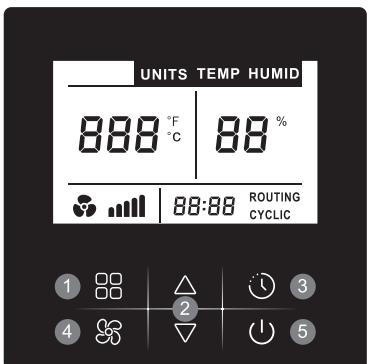
1. MENU KEY
Each time the menu key is pressed to set the options, it's used to set the temperature unit, temperature, and humidity page conversion.

2. UP / DOWN BUTTON
Used to adjust the settings in the options; the up and down buttons are used to increase and decrease the values, respectively, and the temperature unit option is used to change the unit.

3. TIME SYSTEM KEY
Press the first button to set the start time, press the second button to start the cycle time, and press the third button to turn off the time system.

4. WIND SPEED KEY
Each time you press the air speed key to set the wind speed, the gears 1-5 will be switched one after another.

5. OPEN THE BUTTON
Switches the device ON / OFF with each press.



CONTROL SYSTEM

T-SERIES

1. SETTING THE UNIT

Use the MENU button to select the UNITS option. Press the UP/ DOWN button to select the desired temperature unit for the °F / °C conversion.

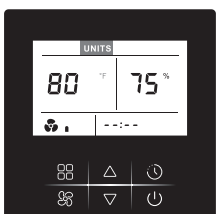
2. TEMPERATURE CONTROL PROGRAM

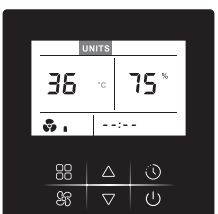
Use the MENU button to select the TEMP option, press the UP / DOWN button to set the temperature at which the fan should start. If the temperature is higher than the set value, the fan will run.

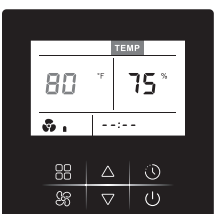
Setting range: 37 °F ~ 176 °F / 1 °C ~ 80 °C / OFF, each time you press the UP / DOWN button, the value will change by 5 °F / 1 °C. Long press can adjust the value quickly.

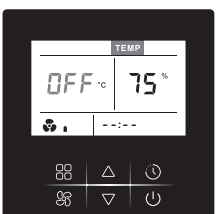
When OFF is set, the function is off.

The factory setting is 86 °F.









CONTROL SYSTEM

T-SERIES

3. HUMIDITY CONTROL PROGRAM

Use the MENU button to select HUMID option, press the UP / DOWN button to set the humidity at which the fan should start. If the humidity is higher than the set value, the fan will run.

Setting range: 0 ~ 99% RH / OFF, each time you press the UP / DOWN button, the value will change by 1%. Long press can adjust the value quickly.

When OFF is set, the function is off.

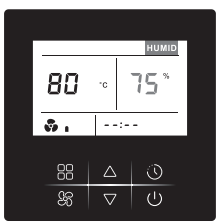
The factory setting is 50% RH.

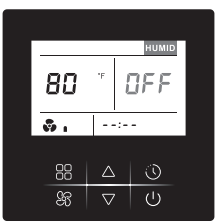
4. TIMING PROGRAM

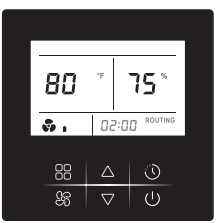
Use the TIME button to select ROUTING option. Use the UP / DOWN button to set how long you have to run. After setting, the device will stop running on time.

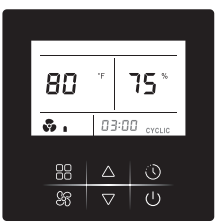
Use the TIME button to select the CYCLIC option. Use the UP / DOWN button to set the standby time during a run. After the settings are completed, the device will automatically start and shut down on time.

Note: "–:--" indicates that the time control function is turned off.









CONTROL SYSTEM

T-SERIES

NOTICE:

If the TEMP and HUMID control program is set at the same time, the fan can be started if a condition is met.

The TEMP / HUMID control program and the TIME control program can be processed simultaneously.

If the TEMP and HUMID meet your needs, the operation cycle can be set based on time.

If the conditions TEMP and HUMID cannot be fulfilled, the process is aborted.

When the power supply is restored after a power failure, the fan operates according to the previously set parameters.

S-Series Manual

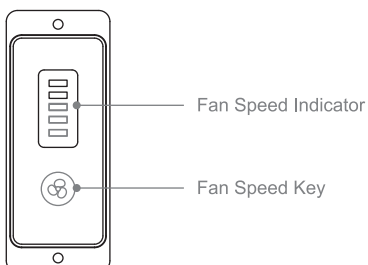
FAN SPEED ADJUSTING

The controller has only one button to control fan speed from level 0 - 5 / OFF cycle. Press the button to increase the fan speed by one stage.

POWERING ON/OFF

Press the fan speed button once to turn the fan on when it's off, and press it again to turn it off when it's at level 5. Or in any gear long press 3 sec off the fan.

When power is restored after a power failure, the fan will operate according to the previously set parameters.



WARRANTY

Upon receipt of the goods, the customer must log in to www.aitecac.com to fill in the warranty registration form and submit it to AITECAC. We will receive your purchase and installation information and save it.

If the warranty registration is not sent to us, the warranty period will begin from the date the goods leave the warehouse. Be sure to record the serial number and installation date. You will need this information to receive the RA number.

The product has a shelf life of two years. If warranty service is required, The customer must contact AITECAC Technical Support by email: sales@aitecac.com or by calling the local technical service phone number (888) 990-7469, available Monday to Friday (7:00 AM to 4:00 PM PST) to obtain a return authorization (RA number).

When AITECAC receives the equipment (whether in the maintenance center or in the warehouse), AITECAC, it will carry out the initial inspection. If the warranty is determined to be invalid, the customer must then pay all related maintenance and transportation costs for unit maintenance.

The warranty plan does not cover abuse or misuse of the unit. This includes physical damage, product immersion, incorrect installation (such as incorrect voltage input), and misuse for any reason other than the intended purpose. AITECAC shall not be responsible for any indirect loss or incidental damage of any nature caused by the product.

From the date of replacement, new equipment will be provided to the customer during the warranty period of the same year.

After parts are repaired or replaced by AITECAC, the original warranty will continue to apply until the due date.

AITECAC

WARRANTY REGISTRATION CARD

PRODUCT REGISTRATION FORM

Register your product by filling in the product registration form below.

ORDER NUMBER: _____

MODEL: _____

SERIAL #: _____

INSTALLER: _____

INSTALLATION DATE: _____

NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

PHONE #: _____

EMAIL: _____

NOTE: If you have any questions, please feel free to contact us at *(888) 990-7469* or *sales@aitecac.com*

Add: 14752 Yorba Ct Chino CA 91710 US
Tel: (888) 990-7469
Email: sales@aitecac.com