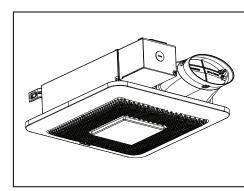
Model No. RG-T810LA



READ AND SAVE THESE INSTRUCTIONS

ank you for purchasing this Panasonic product. ase read these instructions carefully before attempting t stall, operate or service the Panasonic product. Please efully read the "GENERAL SAFETY INFORMATION". lure to comply with instructions could result in personal rry or property damage. Please explain to users how to perate and maintain the product after installation and this anual should be presented to users. Please retain this anual for future references

See page 12 for "Panasonic Warranty Sheet"

notes a potential hazard that could result in serious injury or death.

Denotes a hazard that could result in property damage.

### **GENERAL SAFETY INFORMATION**

To reduce the risk of injury, loss of life, electric shock, fire, malfunction, and damage to equipment or property, always observe the following safety precautions.

## Explanation of symbol word panels

The following symbol word panels are used to classify and describe the level of hazard, injury, and property damage caused when the denotation is disregarded and improper use is performed.



notes a hazard that could result in minor injury.



The following symbols are used to classify and describe the type of instructions to be observed.

This symbol is used to alert users to a specific operating procedure that must be followed in order to perate this unit safely. This symbol is used to alert users to a specific operating procedure that must not be performed

This symbol is used to alert users not to disassemble the equipmen

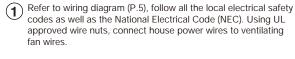
nis symbol is used to alert users to make sure of grounding when using the equipment with the grounding

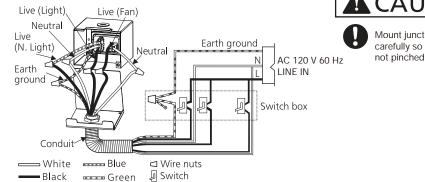


# **INSTALLATION I (JOIST MOUNTING) CONTINUED**



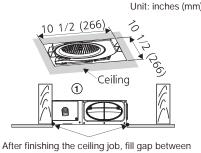






Finish ceiling work

(1) Finish ceiling work. Ceiling hole should be aligned with the inside edge of the flange.



box cover

CAUTION

Mount junction box cover

flange and ceiling with caulk or other sealant to prevent air leakage.

### **GENERAL SAFETY INFORMATION (CONTINUED)**

# **A** WARNING

To reduce the risk of fire, electric shock or injury to persons, observe the following:

- Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
- Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel. stallation work and electrical wiring must be done by qualified person(s) in accordance with all applicable
- codes and standards, including fire-rated construction Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the

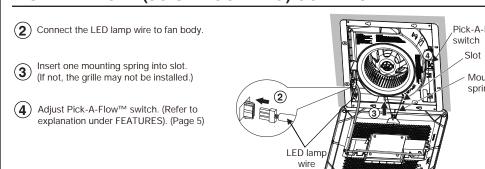
American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and the local code

- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- Ducted exhaust fans must always be vented to the outdoors
- hese models are UL listed for tub and shower enclosures
- If this product is no longer to be used, it must be removed from the ceiling to prevent it from falling.
- he ceiling joist or wall stud must be able to withstand a static load of at least five times the weight of the
- Install the fan at least 1.5 m (5 feet) above the floor.
- If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be conneced to a GFCI (Ground Fault Circuit Interpretar). conneced to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit.
- This product must be properly grounded.
- Do not install with a method which is not approved in the instructions.
- Do not use this fan with any solid-state speed control device. Solid state controls may cause harmonic distortion which can cause a humming poise in the mater. listortion which can cause a humming noise in the motor.
- Not to be installed in a ceiling thermally insulated to a value greater than R60.
- Do not disassemble the unit for reconstruction. It may cause fire or electric shock.

# **A** CAUTION

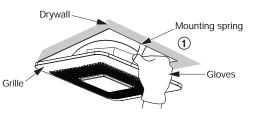
- Follow all local electrical and safety codes, as well as the National Electrical Code (NEC) and the ccupational Safety and Health Administration (OSHA).
- Make sure that the electric service supply voltage is AC 120 V 60 Hz.
- Always disconnect the power source before working on or near the fan, motor, light fixture or junction box.

### **INSTALLATION I (JOIST MOUNTING) CONTINUED**



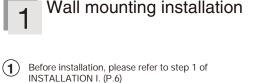
Install grille

(1) Insert the mounting springs into the slot as shown to mount grille to fan body.



PCB box

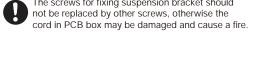
## **INSTALLATION II (WALL MOUNTING)**

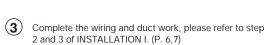


(2) Fix the flange of frame to stud by 2 long screws (ST4.2X30), and fix the suspension bracket to stud by 2 long screws (ST4.2X30).



The adaptor of product must be installed upward. he screws for fixing suspension bracket should





### **GENERAL SAFETY INFORMATION (CONTINUED)**

- rotect the supply wiring from sharp edges, oil, grease, hot surfaces,
  - he special-purpose or dedicated parts, such as mounting fixtures,
  - ust be used if such parts are provided.
- Please wear gloves to protect hands during installation O Do not install this ventilating fan in a location where the interior room
- perature may exceed 104 °F (40 °C). For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vanors losive materials and vapors.
- igcolon D Do not kink the supply wiring.

# Not for use in cooking area. (Fig. A)

# NOTICE

- Provide make up air for proper ventilation.
- Do not connect multiple units in parallel. If two or more units are connected to one switch in parallel, the units may not function.
- Do not install the unit where ducts are configured as shown in below:

Excessive bending Successive bending Squeezed duct



Bend close to duct adaptor

### DESCRIPTION These products are listed by UL under UL file No. E78414.

hese products use a sirocco fan driven by a DC motor powered by an integral transformer. The motor is designed to nave long operating life, high dynamic response, higher speed ranges and energy savings. The grille covering the fan body is a spring-loaded, quick removal type. A damper for preventing air counter flow is provided. The blower uses a high-capacity sirocco fan developed to reduce the noise level. The lighting unit is an energy-saving LED lighting device that uses one 10 W LED lamp and produces almost the same illumination as a standard 40 W incandescent amp. Night light feature consumes around 0.1 to 0.4 W.

FCC Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant o Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference n a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful nterference to radio or television reception, which can be determined by turning this product on and off, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver. Connect equipment into outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Warning: This equipment must be installed by a qualified person in accordance with the provided installation
- instructions and all applicable codes and standards. Also, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Panasonic Corporation of North America

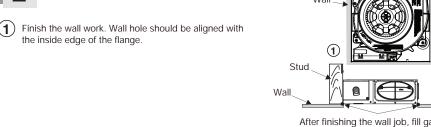
Two Riverfront Plaza, Newark, NJ 07102

1-866-292-7299 Customer Call Center

## **INSTALLATION II (WALL MOUNTING) CONTINUED**

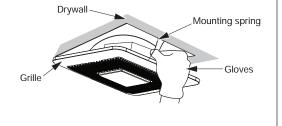
# Finish the wall work

SDoC Responsible Party:



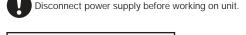
After finishing the wall job, fill gap between flange and wall with caulk or other sealant

1 ) Install the grille, please refer to step 4 and 5 of INSTALLATION I. (P.7,8)



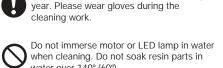
### **MAINTENANCE (CLEANING)**

# **A** WARNING





water over 140° (60°).



Never use gasoline, benzene, thinner or any other such chemicals for cleaning the product.

This device complies with Part 15B of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Type IC-Inherently Protected.

### UNPACKING

Unpack and carefully remove the unit from carton. Refer to the Supplied Accessories list to verify that all parts are

## **SUPPLIED ACCESORIES**

**MAINTENANCE (CLEANING)** 

(1) Remove grille by pulling down one mounting spring.

Maintenance of unit

NOTE: The grille should be dry after cleaning.

cloth. Reinstall grille after finishing.

Remove dust and dirt from fan body using a vacuum cleaner.

(2) Disconnect the wire from the receptacle, then pull down the other mounting spring.

(1) Clean grille. (Don't put into water. Use non-abrasive kitchen detergent, wipe dry with a clean cloth).

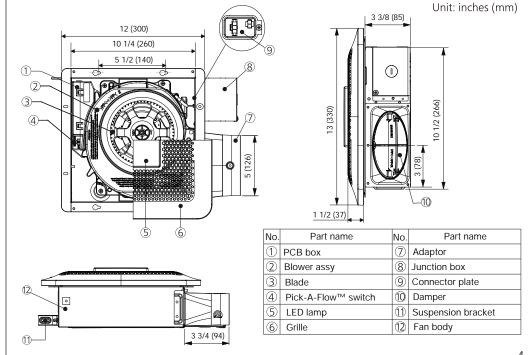
(3) Using a cloth dampened with kitchen detergent, remove any dirt from fan body. Wipe dry with a clean

**DESCRIPTION (CONTINUED)** 

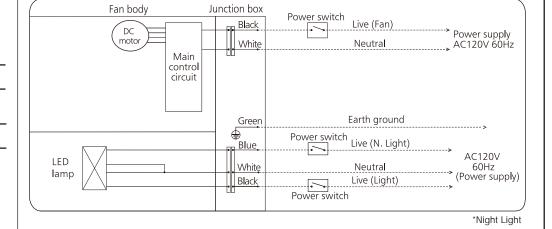
1 dit Hairio	71000101100	Guaritity
Grille		1
Installation instructions/ Warranty sheet		1
Long screw (ST4.2X30)	<b>()</b>	5 (1 for spare)

Part name | Appearance | Quantity

### **DIMENSIONS**



### WIRING DIAGRAM



### **FEATURE**

These products employ innovative, state-of-the-art technologies that provide a number of customizable unique features that lead to improved indoor air quality. Please read this manual first in order to realize the benefits of this customizable

### Optimum Ventilation Performance: Duct length, elbows and other factors increase static pressure which can hinder the performance of most ventilation

fans. These products utilize SmartFlow™ microchip technology that monitors the static pressure in the system and speeds up or slows down the rpm of the fan depending upon the amount of resistance within the ducts. This feature allows the fan to perform as rated and avoid potential installation issues. This feature allows the fan to perform as rated and avoid potential installation issues.

### These products are built using DC motor technology. The DC motor is 30% ~ 70% more energy efficient than the

depending upon the needs of the owner.

disconnect the power source and contact the dealer

PROBLEM

not operate.

There is an

ususual sound

Pick-A-Flow™ Feature: This product comes with Pick-A-Flow™ speed options.

Check according to the following table and correct the problem. If the fan still does not work correctly, please

CALISE

s the lead wire connection loose

s the shutter opening normally?

s the grille mounted correctly

Did the installed screw become

f the measures above do not

can be placed directly over the fan housing in the or soffit vent with backdraft damper

common problem with recessed light fixtures or some and seal with mastic or approved foil

Properly insulate the area around the rath to minimize building heat loss and gain. Loose fill or batt insulation or soffit vent with backdraft damper

Insulation around the ducts can reduce energy loss

Warning Concerning Removal of Covers. The unit should be serviced by qualified technicians only. Your product

is designed and manufactured to ensure a minimum of maintenance. Should your unit require service or parts,

and inhibit mold growth. Fans installed with existing ducts may not achieve their rated air flow.

Air direction (V) Voltage (Hz) Duct diameter (inches) Air volume at 0.1"WG (Sones)

HVI Certified performance based on HVI Procedures 915, 916, and 920.

n the ceiling?

solve the problem.

PRACTICAL GUIDE TO INSTALLATION

competitor's fan/light combination. Our efficient.

from this fan to the outside of the building has a

the fan. Use the shortest, straightest duct routing

**SPECIFICATIONS** 

RG-T810LA Exhaust 120 60

call Panasonic Call Center at 1-866-292-7299 (USA).

Panasonic Corporation of North America

Two Riverfront Plaza, Newark, NJ 07102

PRODUCT SERVICE

www.panasonic.com

possible for best performance, and avoid installing

cool-running motors do not create enough ambient heat to be subjected to these limitations. The ducting

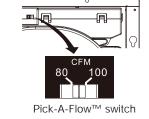
strong effect on the air flow, noise and energy use of

and that resulted in an open

r volume o	ption (CFM)	Factory setting	
80	100	80 CFM	

The Pick-A-Flow™ switch on the face of the product allows the option to

choose 80 or 100 CFM. This product can run continously or intermittently,



ACTION

nnect the power source, remove the connecto

te to check the wire connection. (If the connector

ate (P.4) cannot be removed, please remove the

ower assy first, then the connector plate can be

ase check the grille and ceiling surface, make

Please disconnect the power source and contact the

Please check all installed screws in the produc

Speed (rpm)

installation (P.6)

lealer for servicing.

2-3 ft straight run before elbow

Short piece of flexible duct helps / alignment and absorbs sound.
Clamps plus mastic or approved

In attic installation.

(1) Fix the flange of frame to joist by 2 long screws (ST4.2X30), and fix the suspension bracket to joist by 2 long screws (ST4.2X30)





duct to fit the adaptor, then slip it onto adaptor and secure it with clamps, or ties and seal it with mastic

If using 3 inch round duct, please purchase the 26 gauge steel Panasonic 4" Oval - 3" Round reducer from our

# Panasonic Ventilating Fan

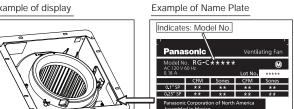
nasonic Corporation of North America ("the Warrantor") will, at its sole discretion, replace this product with new parts or exchange this

## ALL Parts: For period of 3 years (36 months

LED Light Unit: For a period of 5 years (60 month

ervice, in the USA, can be obtained during the warranty period by contacting the selling Distributor or Panasonic Customer Call Center at his warranty does not cover labor charges for removal and installation of parts. This warranty is extended only to the original purchaser

Please check if the shutter can open normally before his warranty only applies to products purchased in the United States



This warranty only covers failures due to defects in materials or workmanship that occur during normal use and does not cover shipping misapplication, alteration, modification, faulty installation, improper setups or adjustments, improper or lack of maintenance, alterations o

There are no express warranties except as listed above. THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL CONSEQUENTIAL PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OR SUBSTITUTE PRODUCT, DOWNTIME COST, OR CLAIMS OF ANY PARTY DEALING WITH BUYER FOR SUCH DAMAGES, RESULTING FROM THE USE OF THIS PRODUCT OR ARISING FROM BREACH OF VARRANTY OR CONTRACT, NEGLIGENCE OR ANY OTHER LEGAL THEORY, EXCEPT AS EXPRESSLY PROVIDED ABOVE. THERE IS NO WARRANTY OR ANY OTHER KIND, EXPRESS OR IMPLIED, THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE

lasts, so the above exclusions or limitation 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.

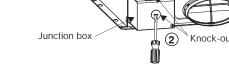
## us.panasonic.com/ventfans or send your request by E-mail to

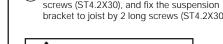
You may also contact us directly at:

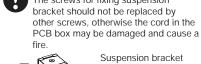
For hearing or speech impaired TTY users, TTY: 1-877-833-8855









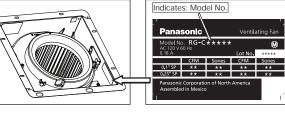




### Limited Warranty product, free of charge, in the USA, in the event of defects in material or workmanship in accordance to the following

of a new product, which was not sold "as is", who purchased the product either directly from the Warrantor or from the Warrantor's uthorized resellers (including authorized retail and Internet-based sellers), unless otherwise prohibited by law.

sure that there is no foreign matter on the mounting



damages, whether visible or concealed, normal wear or cosmetic damage. The warranty does not cover failures that are caused by products and peripherals not supplied by the Warrantor, or failures which result from accident, misuse, abuse, negligence, mishandling. LIMITS AND EXCLUSIONS

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty

f a problem with this product develops during or after the warranty period, you may contact your Distributor or Panasonic Customer Call

### Center. If the problem is not handled to your satisfaction, then write to Panasonic Corporation of North America at the address indicated **Customer Services Directory**

your nearest distributor, or make Customer Service and erature requests by visiting our Web Site at:

ventfans@us.panasonic.com

Send your request by Email to: npcparts@us.panasonic.com You may also contact us directly at 1-866-292-7299 /londay-Friday 9 am- 6 pm, EST.) anasonic Consumer Electronics Company Customer Service Group 2 Riverfront Plaza, Newark, NJ 07102

ducts by visiting our Website:

londay-Friday 8 am to 6pm, EST.)

or send your request by Email to: npcparts@us.panasonic.com
You may also contact us directly at 1-800-332-5368

Panasonic Corporation 2021

Printed in Mexico P0929-0 T810L1422

(1) Before installation, please remove the tape which

INSTALLATION I (JOIST MOUNTING)

Open knock-out hole

damper can open and close smoothly.

protects the damper during shipping and accessory screws from the adaptor. Afterwards, check that the

(2) Open one knock-out hole on junction box



