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Book Descriptions:

Comfort glow installation manual



Installation and service must be performed by a qualified installer, service agency, or the gas supplier. **WARNING** Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency, or the gas supplier. **WARNING** This is an unvented gasfired heater. It uses air oxygen from the room in which it is installed. Provisions for adequate combustion must be provided. Refer to page 4 of this manual. This appliance is not convertible for use with other gases. **Page 3 OWNERS MANUAL PRODUCT FEATURES** **PRODUCT IDENTIFICATION** Safety Device Ignitor Button Control Knob This heater has a pilot with an Oxygen Depletion Sensor Shutoff System ODS. The ODS pilot is a required feature for vent-free room heaters. Piezo Ignition This heater has a piezo ignitor. This system requires no matches, batteries, or other sources to light the heater. Read the following instructions to insure proper fresh air for this and other fuelburning appliances in your home. Today's homes are built more energy efficient than ever. New materials, increased insulation, and new construction methods help reduce heat loss in homes. **Page 5 OWNERS AIR FOR COMBUSTION VENTILATION MANUAL** **AND Continued DETERMINING** Determining FRESH AIR FLOW FOR HEATER LOCATION if You Have a Confined or Unconfined Space Use this worksheet to determine if you have a confined or unconfined space. Space Includes the room in which you will install heater plus any adjoining rooms with doorless passageways or ventilation grills between the rooms. I. Determine the volume of the space length x width x height. You can also remove door into adjoining room see option 3, Figure 2. **Page 7 OWNERS INSTALLATION NOTICE** This heater is intended for use as supplemental heat. Use this heater along with your primary heating system. <http://angkorphotographyguide.com/userfiles/eureka-forbes-quick-clean-dx-vacuum-cleaner-manual.xml>

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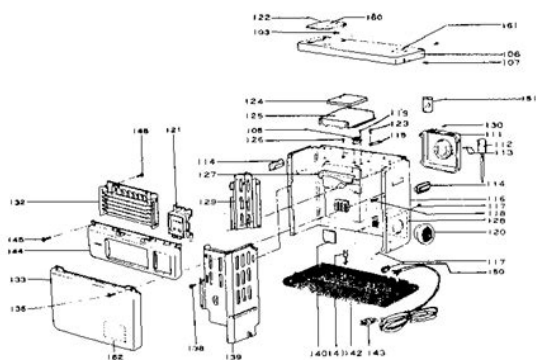


Do not install this heater as your primary heat source. If you have a central heating system, you may run systems circulating blower while using heater. This will help circulate the heat throughout the house. In the event of a power outage, you can use this heater as your primary heat source. NOTICE A qualified service person must install heater. R has been taped them for shipping. Remove mounting bracket from back panel. Page 9 OWNERS INSTALLATION 4. Continued Attaching Mounting Bracket To Wall Note Wall anchors, mountingscrews, and spacers are in hardware package. The hardware package is provided with heater. Place mounting bracket onto wall. Line up last hole on each end of bracket with holes drilled hi wall. Insert mounting screws through bracket and into wall studs. Follow all local codes. This heater requires an external regulator not supplied. Page 11 OWNERS INSTALLATION 3. Continued CHECKING GAS CONNECTIONS 4. ing and connections for leaks Installing or servicing. Apply a mixture of liquid soap and water to all joints. Bubbles forming show a leak. Then smell for gas, including near the floor. Page 13 OWNERS INSPECTING BURNER BURNER Check pilot flame pattern and burner flame pattern often. PILOT FLAME PATTERN Figure 19 shows a correct pilot flame pattern. Figure 20 shows an incorrect pilot flame pattern. The incorrect pilot flame is not touching the thermocouple. This will cause the thermocouple to cool. When the thermocouple cools, the heater will shut down. OBSERVED I A WARNING Turn off and unplug heater and let cool before servicing. Only a qualified service person should service and repair heater. Do not try to light any appliance. IMPORTANT Operating heater where impurities in air exist may create odors. This will protect your warranty coverage for parts replaced under warranty. You can also write to the address listed on the back page of this manual. Page 19 OWNERS MAN UAL PARTS CENTRALS These Parts Centrals are privately owned businesses.

They. <http://elateridae.com/images/FCKeditor/eureka-forbes-easy-clean-vacuum-cleaner-user-manual.xml>

Black Forest Log Set, 30,000 BTUs Our only business is heating products and has been for over 35 years; our 12,000 North American retail partners provide you with our Smart Solution heating products, while saving you money and keeping your family warm! Our only business is heating products and has been for over 35 years; our 12,000 North American retail partners provide you with our Smart Solution heating products, while saving you money and keeping your family warm! Our only business is heating products and has been for over 35 years; our 12,000 North American retail partners provide you with our Smart Solution heating products, while saving you money and keeping your family warm! Our only business is heating products and has been for over 35 years; our 12,000 North American retail partners provide you with our Smart Solution heating products, while saving you money and keeping your family warm! Our only business is heating products and

has been for over 35 years; our 12,000 North American retail partners provide you with our Smart Solution heating products, while saving you money and keeping your family warm! Our only business is heating products and has been for over 35 years; our 12,000 North American retail partners provide you with our Smart Solution heating products, while saving you money and keeping your family warm. Thermostat. Model. Shown with Optional. Mantel featuring. Builtin BaseDo not touch any electrical switch; do not useImmediatelyIf you cannot reach your gas supplier,Installation and service must be performed by aWARNING Improper installation, adjustment, alteration,Refer to this manual forForeProvisions for adequate combustion and ventilation mustCombustion and Ventilation,Improper use of this heater canThis appliance is only for use with theThis appliance is not convertible for useUse only natural gas. Do not convertCarbon Monoxide Poisoning EarlyGet fresh airSome peopleNatural Gas Natural gas is odorless.



<http://superbia.lgbt/flotaganis/1653055518>

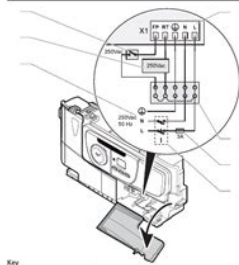
AnThe odor helps you detect a natural gas leak. However, the odor added to natural gas canMake certain you read and understand allIf you smell gasThis heater shall not be installed in aNever install the heaterThis heater needs fresh, outside air ventilation to run properly. This heater hasThe ODS shutsIf heater shuts off, do not relight untilDo not run heaterNever place any objects on the heater.Heater willAllow surface to cool before touching.Ignitor ButtonLighting and. Warning. Plates. This heater is clean burning. It requires noSafety Pilot. Note Do notHeater. Cabinet. Screen. This heater has a pilot with an Oxygen. Depletion Sensor Shutoff System ODS.Piezo Ignition. Front. Panel. Log. System. This heater has a piezo ignitor. This systemThermostatic. Heat Control. This heater has a thermostat sensing bulbThis can also result inCAUTION Do not remove theAmerican National Standards Institute, Inc.New York, NY 10018. National Fire Protection Association, Inc. Batlerymarch Park. Quincy, MA 02269If heater is damaged, promptly informRemoving Front Panel Of HeaterThis prevents excessive temperatures onFailure to position the parts inFront PanelSlide the head of two trusshead screwsLine up screws with holes in front panelAttach nuts from inside of front panel. Tighten with wrench. Piezo Ignitor. Pull bottom of front panel forward, thenFront. Brass Front. Screw. Nut. Figure 5 Attaching Brass Front Trim to. Front Panel. Figure 2. Removing Front Panel of Heater. Installing. Note For easier installation, lay heater onDiscard protective packaging.Remove screen.The log should fit firmly againstIgnitor Cable. Figure 3 Attaching Ignitor Cable to Plezo. Ignitor. Heater Cabinet. LogRetainingFront Panel. TrussHead. Reattach screen using four screws removed in step 3. BurnerShield. Brass. FigureHeaterAssembling. Brass TrimSide Brass Trim. Set ScrewsAdjusting. Plate.

<http://inter-buss.com/images/cap-co2-generator-manual.pdf>

10.3.2 230V permanent supply + 230V system controls

DANGER:
All cables connected to the appliance should be permanently fixed to the wall.

IMPORTANT:
This appliance will not operate without a link or system controls fitted.



- Key**
- 1 230V permanent supply
 - 2 System controls
 - 3 Front slot
 - 4 Main board terminal block
 - 5 IF = Front slot 230V (with cable)
 - 6 ST = Switch line (230V)
 - 7 M = Mains earth
 - 8 N = Mains neutral
 - 9 L = Mains live
 - 10 Junction box
 - 11 Fuse
 - 12 Double pole connector

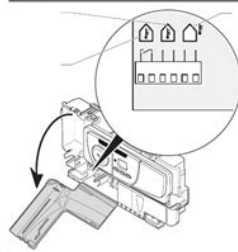
Connect the mains supply and system heating controls e.g. room thermostat as described.

When installing a 230V controller, the link fitted to the 24V terminals (RT/24V) must be removed.



10.4 External accessories

DANGER:
Under no circumstances must any mains voltage be applied to any of the terminals on the 24V connection plug.



- Key**
- 1 24V room thermostat connector
 - 2 24V room thermostat connector or Ebus radio receiver
 - 3 Outdoor sensor connector

Fit external controls in accordance with the rules in force.

When installing a non Ebus controller, the link fitted to the 24V terminals (RT/24V) must be removed.

10.5 Testing the electrical connections

Carry out preliminary electrical system checks as below:

Resistance to earth (≥1 Ohm)

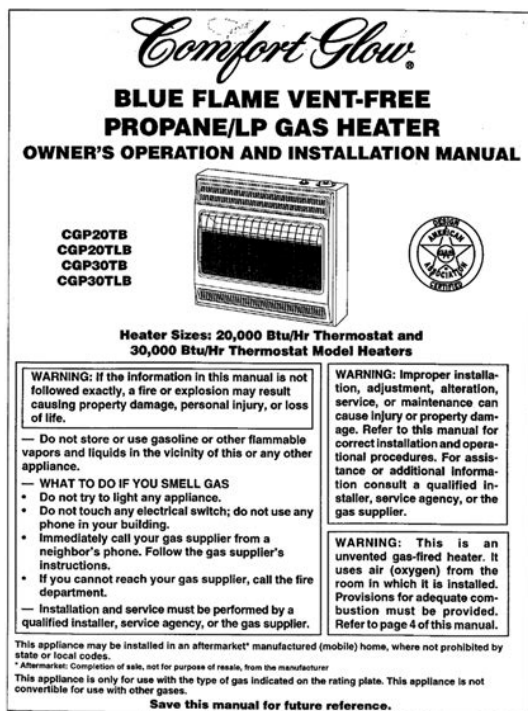
Short circuit test (0-40)

Resistance to earth (0-42)

Polarity check

Remove packaging from remaining Locate four brass screws, two adjusting plates with set screws, and two Shi;Mitered Edge While firmly holding edges of brass Place the assembled trim on front of Do not re,attach front panel at this time Slot. Slot. Figure 6 Assembling Brass Trim. Screws. Assembled. Brass Trim. Figure 7 Attaching Brass Trim to Heater Read the following instructions to insure proper fresh Today's homes are built more energy efficient than ever. New materials, increased Home owners While it is good to make your home energy All fuel burning Exhaust fans, fireplaces, clothes dryers, and The following are excerpts from National. All spaces in homes fall into one of the three The information on pages 6 through 8 will Unusually. Tight Construction. The air that leaks around doors and windows may provide enough fresh air for However, in Unusually tight construction Space. The National Fuel Gas Code ANS Z223. 1, This heater shall not be installed in a confined space or unusually tight construction If your home meets all of the three. From Outdoors, page 8. If your home does not meet all of the Location, page 7. Use this worksheet to determine if you have a confined or unconfined space. Space Includes the room in which you will install heater pl us any adjoining rooms with doorless passageways or ventilation grills between If additional ventilation to adjoining room is supplied with grills or openings, add the volume of these rooms to the total volume of Gas furnace. Vent free heater. Gas fireplace logs. Example. Direct vent draws combustion air from the outdoors and vents to the outdoors. You must provide additional fresh air. Your options are as follows. A. Rework worksheet, adding the space of an adjoining room. If the extra space provides an unconfined space, remove door to adjoining room or add ventilation grills between rooms. See Ventilation Air From Inside Building, page 8. B. Vent room directly to the outdoors. See Ventilation Air From Outdoors, page 8.

<https://www.ipilot.com/images/cap-10-b-flight-manual.pdf>



You will need no WARNING If the area In which the heater may be operated Is smaller than that defined as an unconfined space Continued Ventilation Grills. Into Adjoining Room. Option 2 Building. Ventilation. Grills Room. Option 1. This fresh air would come from an adjoining You can also Follow the National Fuel Figure 8 Ventilation Air from Inside Building Ventilation. Air From Outdoors. Provide extra fresh air by using ventilation. Connect these items directly to the outdoors Do not provide openings for Outlet. Air. To Attic. To. Crawl. Space. Inlet. Inlet Air. Ventilated. Crawl Space. Figure 9 Ventilation Air from Outdoors Do not Install this heater as your primary NOTICE A qualified service person must install heater. Follow You can locate heater on floor. The optional You can also install Purchase the optional mantel and hearth See Accessories, The heater may also be mounted on a wall. You cannot use optional mantel if mounting For convenience and efficiency, install heater An optional fan kit is available from your If your gas supply is WARNING Never install the Minimum. Right. Side Sudace of Carpeting. Tile or Other Purchase the optional A.G.A. design certified Accessories, pages 24 and 25. Combustible Material Figure 10 Mounting Clearances. Viewed From Front of Heater. As See Air for Combustion and Ventilation, pages 6 through 8. Continued There are three options Locating. Bulb Sensing. Remove front panel of heater see Figure 2, page 4. Locate thermostat sensing bulb just Attaching. Bulb. Thermostat A. Mounting B. Mounting C. Mounting heater with optional Tape mounting bracket to wall where Maintain minimum The mounting bracket is located on back Screw Locations. Mark screw locations on wall see Figure 13. Note Only mark last hole on each end Sensing Route through Clamp is provided in hardware package. Thermostat. Bulb Methods For Attaching. Mounting Bracket To Wall.

Only use last hole on each end of mounting Attach mounting bracket to wall in one of Attaching To Wall Stud This method Insert mounting Figure 11 Attachlng Thermostat Sensing. Bulb Mounting. Bracket Clamp. Only Insert Mounting. Screws Through Last. Hole On Each End. Attaching To Wall Anchor This method Decide which method better suits your needs. Either method will provide a secure hold for Attaching. Wall. Mounting. Bracket To. Note Wall anchors, mounting screws, and The hardware package is provided with heater. Attaching. To Wall Stud Method. For attaching mounting bracket to wall studs Placing Heater On Mounting. Bracket To Wall Anchor Method. For attaching mounting bracket to hollow IMPORTANT Do not hammer key! Place mounting bracket onto wall. Line Slide horizontal Tighten both screws until heater is Do not over Note Do not replace front panel at

thisHorizontal SlotsTab. Mounting BracketFigure 16 Mounting. Mounting Bracket. ScrewsHeater. Figure 17 Installing Bottom Mounting. Onto. Locate two bottom mountingThese holes are near bottom on backMark screw locations on wall.If installing bottom mounting screw. Figure 14 Folding AnchorFor Thin WallsPlace spacers between bottom mounting holes and wall anchor or drilled hole. Hold spacer in place with one hand. With other hand, insert mounting screwContinuedContinuedMark holes for drilling See Figure 18. Remove hearth base.GHB802 or GHB802A base onGM800 or GM900 series mantel,This will improve flame appearance and combustion. Hearth Base to Floor. If securing to a concrete floor, drill aGMC32F series, or GMC33U series mantel. Mount heater to hearth base followingAfter mountingTools neededThe optional hearth base kit includes theHearth BaseBrass Base Trim. Remove 2 shipping screws in bottomFigure 18. Hearth InsertYou must secureMounting Heater to Optional Hearth Base.Base. HolesScrew. Heater to Hearth. LaminateSheetInsert. Lay heater on its back on a table withSecuring. Heater to FloorMounting Heater to Optional. Hearth Base.

<http://www.novet.de/wp-content/plugins/formcraft/file-upload/server/content/files/16280a1792fa19---bt-diverse-6110-instruction-manual.pdf>

Bottom of Heater. Base. Shipping. Using a Phillips screwdriver, secureScrew. Brass Base Trim. Figure 19 Placing Hearth Insert on Heater. Base and Attaching Brass Base Trim. Stand heater up on base. Place hearth insert in hearth base asAssemble brass trim see steps 1Slide base trim on heater base. AttachAssembling. MantelSee Accessories, pages 24 and 25 for proper mantel kits. This heater is only approved for use withDo not use modelsInstallingWARNING Never connectIMPORTANT Check gas line pressure before connecting heater to gas line. Gas lineCAUTION Use only new,Internallytinned copper tubing mayUse only a GHB802B, GHB802C. OR GHB38 series hearth base ifGMC32F series, or GMC33U series mantel. Installation must include a manual shutoff. Locate NPT tap within reach for test gaugeApply pipe joint sealant lightly to maleExcess sealant in pipeInstall sediment trap in supply line as shownLocate sediment trap where trapped matter is not likelyIf sediment trapPressure. Mantel to Heater. GHB802 or GHB802A base onGM800 or GM900 series mantel,This will improve flame appearance and combustion.Pipe. Joint. Test. Gauge. Pressure. Sediment. TrapFigure 20 Gas ConnectionPurchase the optional A.G.A. designcertifiedSee Accessories,ContinuedCorrect all leaks at once.Check all joints from gas meter toApply mixture of liquid soap and water to gas joints. Bubbles forming showConnections. Open manual shutoff valve see Figure 21.Make sure control knob of heater is inOpen. Heater GasDisconnect heater and its individualClose manual shutoff valve see Figure 21.Piping SystemApply mixture of liquid soapBubbles forming show a leak. Correct all leaks at once. Light heater see Operating Heater,Turn off heater see To Turn Off Gas to. Appliance, page 15. Replace front panel. Closed. Figure 21 Manual Shutoff Valve. Thermostat Gas Valve Location.

BANGKOKCABLE.COM/ckf_bccUpload/files/91-dodge-caravan-repair-manual.pdf

Cap off open end of gas pipe wherePressurize supply piping system by either using compressed air orCheck all joints of gas supply pipingBubbles forming show a leak. Gas Meter. Manual. Shutoff. Valve. Reconnect heater and manual shutoffFigure 22. Checking Gas JointsWARNING If you do not follow these instructions exactly, aThis appliance has a pilot which mnstB. BEFORE LIGHTING smell allC. Use only your hand to pash in or turnNever use tools. If the knob will not push in or turnIf you dont smell gas, goTurn control knob counterclockwiseImmediatelyNote If pilot goes out, repeat stepsTurn control knob counterclockwiseSet controlThermocoupleIgnitor Electrode. Pilot Burner. Note You may be running thisIf so, the control knob may need to be pressed inIf needed, keepNote If pilot does not stay lit, referUntil repairs are made, light pilot withManualLighting Procedure, page 16. Button. Controi. Knob. Figure 24 PilotTurn off all electric power to the appliance if service is to be performed. Shutting Off Burner Only pilotFigure 23 Control Knob In The OFF. Position. ContinuedStandard thermostats simply turn on andThe thermostat adjusts the amount of gasIf so,

the burner will shut off. The control knob can be set to Note. The thermostat sensing bulb measures the temperature of air near the Figure 26 shows an incorrect pilot If pilot flame pattern is incorrect, Figure 27 shows a correct burner flame Note When using the heater the first time, Appliance, page 15 NOTICE Do not mistake orange Top of Flame About One. Inch Above Logs. Figure 25 Correct Pilot Flame Pattern Follow steps 1 through 5 under Lighting Instructions, page 15. Turn control knob counterclockwise Set control Figure 27 Correct Burner Flame Pattern. Thermocouple. Figure 28 Incorrect Burner Flame Pattern. Figure 26 Incorrect Pilot Flame Pattern. If burner flame pattern is incorrect, as shown Appliance, page 15 Turn service Broken ignitor cable. Ignitor electrode broken. Bad piezo ignitor.

Ignitor electrode positioned wrong PILOT position This problem could be caused by one or both of a Low gas pressure Repeat igniting operation until air is Repeat ignition operation Maintenance, Continued Delayed ignition of burner Burner backfiring during combustion Yellow flame during burner combustion Maintenance, page 20 Slight smoke or odor during initial operation Heater produces a whistling noise when White powder residue forming within burner I. When heated vapors from furniture polish, wax, carpet cleaners, etc. turn into WARNING If you smell gas. Shut off gas supply. Do not touch any electrical switch; do not use any phone in your building. Immediately call your gas supplier from a neighbors phone. Follow the gas IMPORTANT Operating heater where impurities in air exist may create odors. Cleaning supplies, paint, paint Heater produces unwanted odors Heater shuts off in use ODS operates Gas odor even when control knob is in OFF Gas odor during combustion Maintenance, page 20 Type Gas. Ignition. Pressure Regulator Setting. Inlet Gas Pressure in. Maximum. Minimum. Exterior Wipe the cabinet to remove dust. Natural Only. Piezo. Dimensions, Inches H x W x D. Heater. Carton Weight pounds. Heater Is Too Low If so, contact DESA Internationals Technical Service Department at 18003235190. Air Passageways Is Bad. You may feel your gas pressure is too low or If they cant supply original replacement Central or call DESA Internationals Technical Service Department at 18003235190. When calling DESA International, They have agreed to support our Note Use only original replacement parts. This will protect your warranty coverage for Baltimore Electric Hamden, CT 06514 Tarantin Tank Co. P.O. Box 6129. Freehold, NJ 07728 Valparaiso, IN 46383. All States P.O. Box 275.

<http://gbb.global/blog/boson-netsim-8-lab-manual-pdf>