



hot water solutions by **CHROMAGEN**

EXTERNAL GAS HOT WATER UNIT

INSTALLATION AND OPERATING
INSTRUCTIONS

MODELS G16/G20/G26

FOR ADVICE, REPAIRS AND
FAST SERVICE

1300 367 565

20501072(K)

INDEX

INSTALLATION INSTRUCTIONS

PAGE NO.

Introduction	1
Dimensions Connections	2
Exploded Diagram	3
Technical Data	4-5
Gas Connection	6
Cold Water Connection	7
Hot Water Connection	8
Electrical Requirements	8
Remote Controls	9
Remote Controls Wiring Diagram	10
Main Remote Control	11
Shower Remote Control	12
Mounting Remote Controls	13-14
User Instructions	15-17
Care of THE ETERNITY Hot Water Unit	18
Hints for Using THE ETERNITY Unit	19-23
Fault Monitor	24
Warranty Conditions	25

INTRODUCTION

ETERNITY G16 / G20 / G26 INSTALLATION INSTRUCTIONS

INTRODUCTION

The ETERNITY 16/20/26 is an external electronic gas hot water heater. The ETERNITY 16/20/26 is supplied set at a constant 60°C outlet temperature depending on the model purchased. Three optional remote controls can be provided for complete hot water temperature selection and if this option is used an approved temperature limiting device must be installed.

THIS HOT WATER UNIT IS NOT FOR POOL OR SPA HEATING

GENERAL

1.0.1 The ETERNITY 16/20/26 must be installed in accordance with

- (1) These instructions;
- (2) Uniform Building Regulations Local authority regulations;
- (3) AS/NZS 3500.4 "National Plumbing and Drainage Code, Part 4 Hot Water Supply Systems",
- (4) The Australian Gas Association installation code AS5601 for gas burning appliances and equipment;
- (5) Any other statutory regulation that may apply;
- (6) A notice of intention to install shall be lodged with the relevant Municipal Authority and local Gas Authority prior to installation.

**INSTALLATION MUST BE CARRIED OUT ONLY BY
AN AUTHORISED AND APPROPRIATELY LICENSED PERSON.**

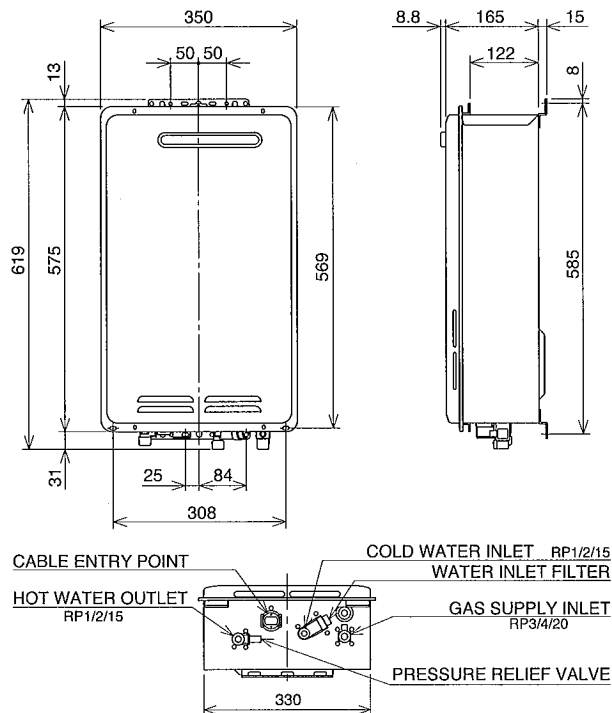
1.0.2

DELIVERY INSPECTION

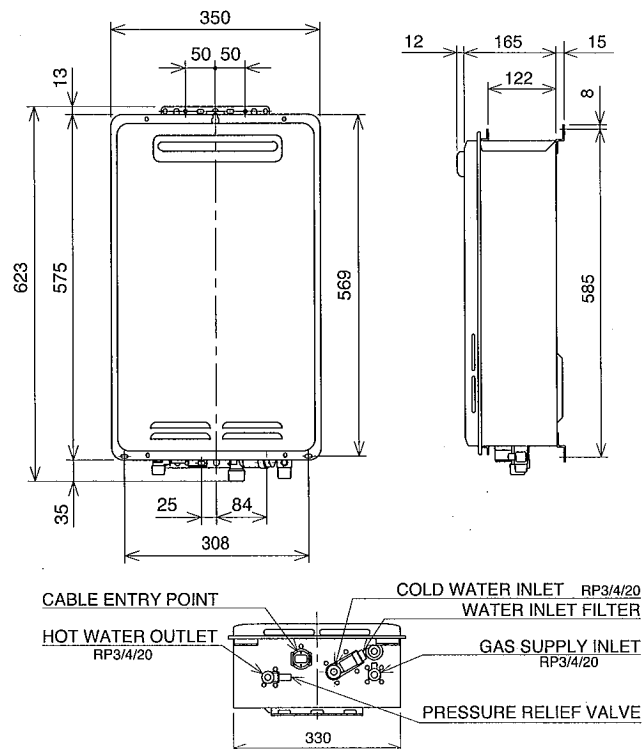
The ETERNITY HOT WATER unit is supplied fully assembled for installation. The customer or installer upon delivery of the unit should immediately remove all packing materials and inspect the unit for damage and ensure that the unit supplied is correct for the gas supply to which it is to be connected, report any damage or discrepancies quoting to the supplier the serial number and model number, which can be found on the outside of the cabinet.

DIMENSIONS CONNECTIONS

Model : 16/20

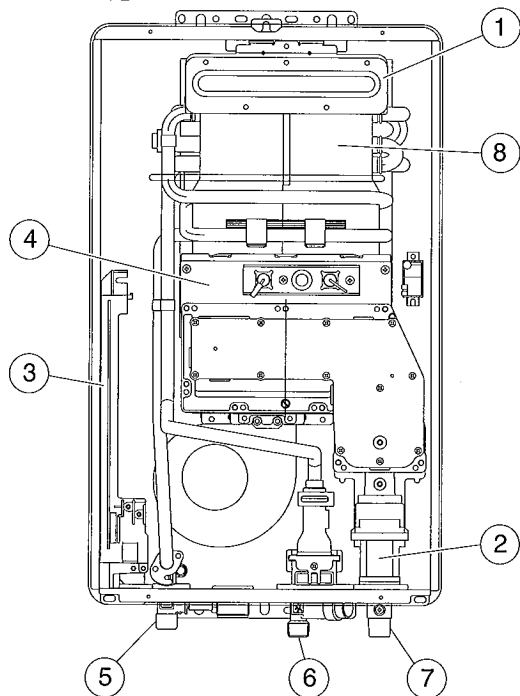


Model : 26



EXPLODED DIAGRAM

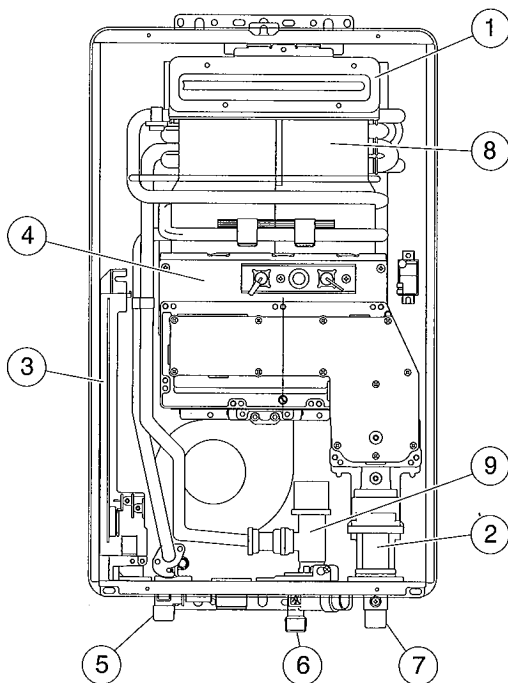
Model : 16/20



NOS. PARTS DESCRIPTION

- | | |
|---|------------------|
| 1 | FLUE OUTLET |
| 2 | GAS VALVE |
| 3 | CIRCUIT BOARD |
| 4 | BURNER CASE |
| 5 | HOT WATER OUTLET |
| 6 | COLD WATER INLET |
| 7 | GAS SUPPLY INLET |
| 8 | HEAT EXCHANGER |

Model : 26



NOS. PARTS DESCRIPTION

- | | |
|---|------------------------------------|
| 1 | FLUE OUTLET |
| 2 | GAS VALVE |
| 3 | CIRCUIT BOARD |
| 4 | BURNER CASE |
| 5 | HOT WATER OUTLET |
| 6 | COLD WATER INLET |
| 7 | GAS SUPPLY INLET |
| 8 | HEAT EXCHANGER |
| 9 | WATER VOLUME
PROPORTIONAL VALVE |

TECHNICAL DATA

1.1 TECHNICAL DATA AND DIMENSIONS ETERNITY 16 / 20 / 26

Nominal hourly gas consumption MJ/h by proportional electronic gas control	MODEL 16 20 26 MJ/h 125 160 200
Test point pressure	MODEL NG LP 16 .40 .40 20 .56 .61 26 .68 .70
Water heating capacity raised 40°C	MODEL 16 20 26 ML/M 10 12.5 16.25
Working pressure	Max 1200kPa
Gas injectors of the following size in mm are fitted for the approved gas types	MODEL NG LPG MODEL NG LPG 16/20 1.35 1.35 mm 26 1.34 1.0 mm 1.65 1.65 mm 1.65 1.2 mm
Input voltage single phase 50Hz	240V
Maximum output current	MODEL 16 20 26 Amp 0.37 0.45 0.47
SAIG Approval certificate no.	MODEL 16/20 GSCS 20021 26 GSCS 20021
Inlet gas connection male thread	18mm
Cold water connection male thread	MODEL 16/20 13mm 26 18mm
Hot water connection male thread	MODEL 16/20 13mm 26 18mm
Relief valve pressure setting	1400kPa
Weight dry	MODEL 16/20 16kg 26 17kg

1.2 DATA PLATE

Left outside of cabinet

1.3 GAS TYPE

The temporary gas label is located on the cabinet top.

The label is the gas that this appliance is designed to operate with.

DO NOT OPERATE WITH ANY OTHER GAS TYPE.

TECHNICAL DATA

1.4	HEATER DIMENSIONS:	DEPTH	165mm
		WIDTH	350mm
		HEIGHT	575mm

1.5 WARNING LABELS

Located on the side of the cabinet.

PLEASE READ THESE LABELS CAREFULLY.

1.6 INSTALLATION POSITION

THIS HEATER IS APPROVED FOR OUTDOOR INSTALLATION ONLY-IT IS NOT SUITABLE FOR INDOOR USE.

Refer AS5601 for clearance details for flue terminal.

In addition,ensure that the appliance installation position permits easy access for maintenance and operation.

For further infomation,please refer to the Gas Fitting Regulations.

1.7 POSITION FOR INSTALLATION

The heater must be installed by using a fixing method sufficient to hold the weight of the unit (see the technical sheet for dimensions of mounting brackets and positions).

GAS CONNECTION

1.8 GAS CONNECTION

- (1) Fit a union to the water heater gas inlet for easy connection and removal. The thread diameter is 18mm.
THIS DOES NOT INDICATE THE SIZE OF THE GAS SUPPLY refer to AS5601 for guidance on pipe sizing.
- (2) Fit an AGA approved isolating gas cock in the supply line adjacent to the water heater gas connection.
- (3) Ensure that the supply pipe and the gas pressure regulator(LPG or NaturalGas) has sufficient flow capacity for this and other appliances connected to the fitting line.
- (4) For LPG appliances ensure that gas cylinders are of sufficient size.The water heater alone will require a regulator of 4KG per hour capacity.
- (5) Before connecting the appliance to the gas service purge any debris or air from the gas service. Venting of purged gas shall be an area free of sources of ignition.
Close the isolating gas cock prior to connection of the appliance.
- (6) After connection check all joints for leaks with an approved leak tester.

Refer to AS5601 Installation Code for pipe sizing details. For your assistance we have included the following pipe sizing from AS5601 for copper tube using Natural Gas.

NOMINAL PIPE SIZE IN mm	STRAIGHT LENGTH OF PIPE METRES	HOURLY RATE IN MJ/h
13	4	43.0
18	4	82.2
20	4	142.0
25	4	313.0

THE ETERNITY 16/20/26 REQUIRES A MINIMUM OF 125/160/200 MJ/h FOR THE CUSTOMER TO OBTAIN THE FULL PERFORMANCE BENEFIT.

**SERVICE CALLS ARE CHARGEABLE FOR
UNITS WITH INCORRECT GAS PIPE SIZES.**

COLD WATER CONNECTION

1.9 COLD WATER SUPPLY TO WATER HEATER

Refer to the Technical Sheet for the position of connections. Minimum of 13mm for model 16/20 and 18mm for model 26 copper tube should be connected to the appliance . The WATER INLET connection are 13mm BSP for model 16/20 and 18mm BSP for model 26 and requires a union to allow for removal of the water heater. Pipe sizing from the cold water supply should be sized according to local BY LAWS for water supply.

ISOLATING GATE VALVE or BALL VALVE

A GATE VALVE or BALL VALVE must be used on the cold water inlet to the water heater. THIS REQUIREMENT IS AN AUSTRALIA WIDE REQUIREMENT UNDER THE NATIONAL PLUMBING CODE.

IF THE ABOVE INSTRUCTION IS NOT CARRIED OUT ALL WARRANTIES ON THE UNIT WILL BE VOIDED.

**STOP TAPS OR COMBINATION STOP TAPS AND
NON-RETURN VALVES ARE NOT TO BE USED!**

**N.B. NO PRESSURE REDUCTION VALVE IS
REQUIRED UNLESS THE INLET WATER
PRESSURE EXCEEDS 1400kPa AT ANY TIME
OF THE DAY. EG EARLY HOURS OF THE
MORNING.**

HOT WATER CONNECTION

- 2.0 Refer to Technical Sheet for the position of connection. The outlet connection is 13mm for model 16/20 and 18mm for model 26 male thread and requires an isolating union to allow for removal of the unit.
- 2.1 Install the hot water supply line to the unit in a minimum of 13mm for model 16/20 and 18mm for model 26 copper tube. for units set at 50°C this must be a minimum of Four (4) Metres to the first outlet.
- 2.2 Keep the pipe lengths to a minimum and make sure that the pipework is well insulated, as correct performance of the appliance is dependent on properly insulated pipework.
- 2.3 DO NOT FIT ANY VALVES OR RESTRICTORS TO THE OUTLET OF THE WATER HEATER.
- 2.4 DO NOT FIT ANY OBSTRUCTION TO THE PRESSURE RELIEF LOCATED ON THE HOT WATER OUTLET CONNECTION.
- 2.5 After purging the air from the system using the hot water supply taps, remove the water inlet strainer located on the cold water supply inlet connection. Remove any debris from the filter and replace. When replacing the filter do not over tighten the "O"ring seal.

ELECTRICAL REQUIREMENTS

- 3.0 The appliance is equipped with a three pinned earthed plug to be connected to a 220-240V 50Hz power supply. The electrical rating of the appliance is 0.37/0.45/0.47 Amp. for the ETERNITY 16/20/26
- 3.1 The appliance requires a 240V 50Hz weatherproof power outlet installed in a protected position adjacent to the appliance.
- 3.3 **IMPORTANT:** The appliance should always be disconnected from the power supply before any maintenance is carried out.

REMOTE CONTROLS

Refer to Technical Sheets

- 4.0 The ETERNITY 16/20/26 comes complete, with one, two or three remote control panels, as optional extras.

ONE REMOTE CONTROLS SYSTEM	MODEL	CMR-154	MAIN CONTROLS
TWO OR THREE REMOTE	MODEL	CMR-154	MAIN CONTROLS
CONTROLS SYSTEM	MODEL	YST-84	SHOWER CONTROLS
	MODEL	YST-84S	ENSUITE CONTROLS

- 4.1 These controls are to be fitted in the following locations:

- * MAIN CONTROLS-kitchen or laundry
- * SHOWER CONTROLS-main bathroom

IMPORTANT

DO NOT locate the remote controls where they may come into contact with water.
DO NOT position the remote controls in the vicinity of chemicals.
DO NOT position the remote controls over a cooker, grill oven or toaster.
DO NOT position the remote controls where materials may spill onto them.

- 4.2 MAIN REMOTE CONTROLS CMR-154

The main remote controls is fitted using the mounting holes in the rear of the casing.
Wiring is from the rear using the wiring hole provided in the casing.

- 4.3 SHOWER REMOTE CONTROLS YST-84 & ENSUITE REMOTE CONTROL YST-84S

These remote controls have a self adhesive backing plate which can be adhered to any clean dry surface. These controls must also be wired from the rear, leave sufficient wire for disconnection and removal.

- 4.4 CONNECTION OF WIRING TO THE ETERNITY

Remove the front cover from the unit.

Install the wiring to the ETERNITY 16/20/26 main unit using conduit or by concealing the wires in the wall cavity.

Install the wiring into the cabinet through the wiring access adjacent to the power cable, see the Technical Sheet.

- 4.5 Using the cable clamps provided on the plate adjacent to the terminal block attach the wiring to the plate. Then attach the wires to the terminals for the remote controls. See wiring diagram next page. Replace the front cover and connect the power plug.

- 4.6 COMMISSIONING AND TESTING

After completing the installation of the unit, turn the water, power and gas supplies on to the unit.

CONTROLS OPERATION

Turn the main remote controls ON by pressing the ON/OFF switch on the controls to the ON position.

The MAIN REMOTE CONTROLS will indicate the 42°C and the MAIN CONTROLS light will be alight.

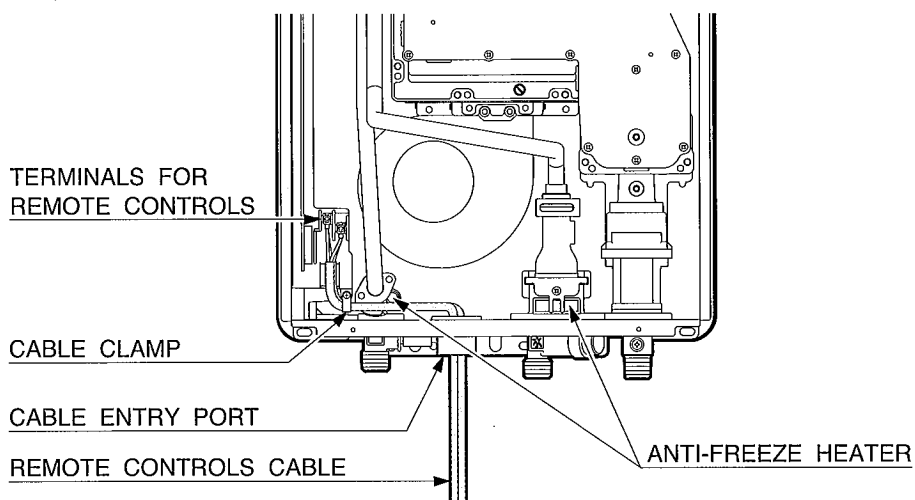
Using the UP/DOWN buttons select the hot water temperature required. Turn on the hot water supply tap. The burner light glowing will indicate that hot water is being supplied. Move to the shower controls (if fitted). Press the TRANSFER BUTTON and repeat the procedure. Move to the En Suite controls (if fitted). Press the TRANSFER BUTTON and repeat the procedure.

THERE ARE NO MINOR ADJUSTMENTS THAT CAN BE MADE TO THE UNIT.

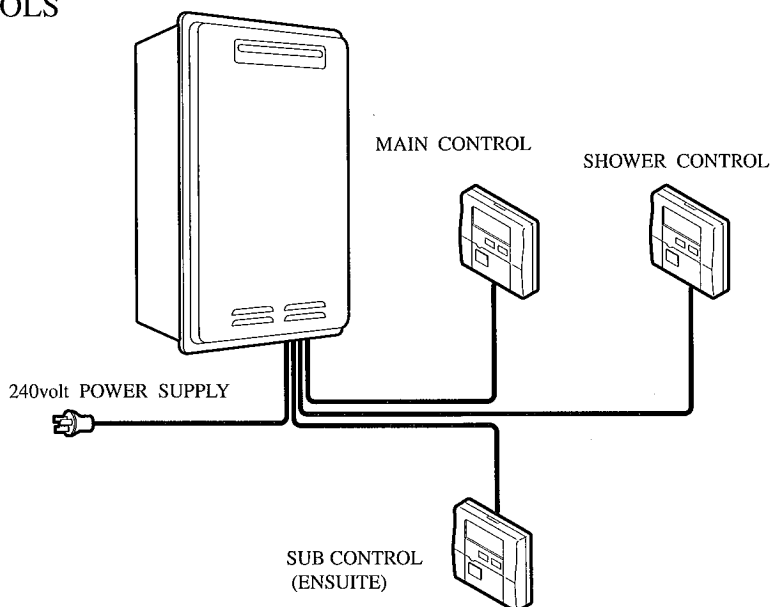
REMOTE CONTROLS WIRING DIAGRAM

WIRING DIAGRAM OF PCB

TURN OFF POWER SUPPLY TO HOT WATER UNIT AND REMOVE PLUG FROM POWER OUTLET BEFORE REMOVING FRONT COVER OF HOT WATER UNIT.

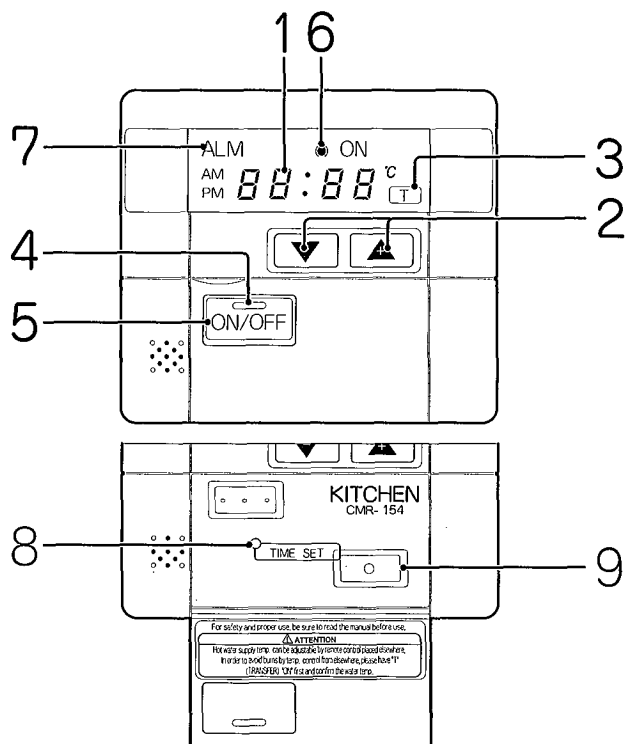


WIRING FROM MAIN UNIT TO MAIN & SHOWER/SUB REMOTE CONTROLS



MAIN REMOTE CONTROLS

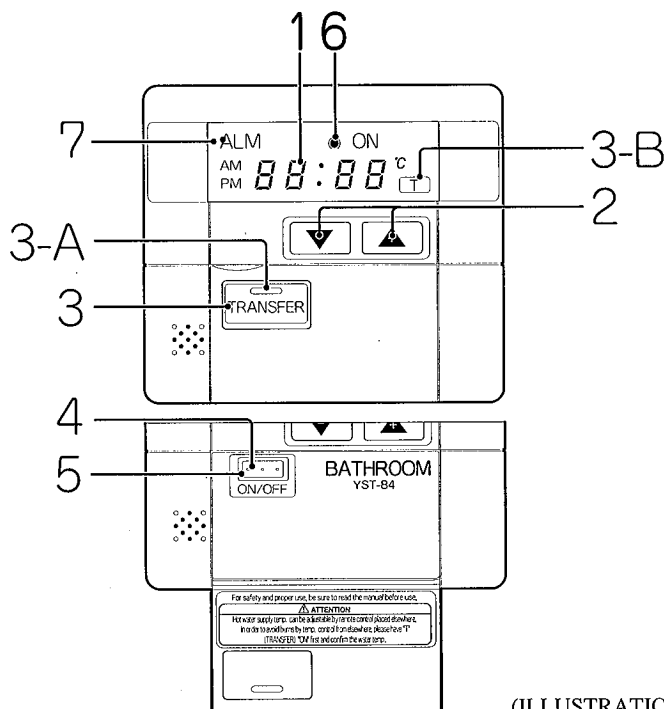
MAIN REMOTE CONTROL CMR-154



NOS.	CONTROL	FUNCTION
1	DIGITAL DISPLAY	INDICATES TEMPERATURE & TIME ERROR CODE WHEN SAFETY DEVICE ON
2	TEMPERATURE CONTROL	ADJUSTS TEMPERATURE BETWEEN 37°C TO 75°C
3	TRANSFER INDICATOR (GREEN)	INDICATES THIS CONTROL HAS PRIORITY (CAN ADJUST TEMPERATURE ONLY WHEN THE INDICATOR IS ILLUMINATED)
4	ON INDICATOR(GREEN)	INDICATES POWER IS ON TO SYSTEM
5	ON/OFF SWITCH	POWER SWITCH TO OPERATE THIS CONTROL
6	COMBUSTION LAMP(RED)	INDICATES A HOT WATER TAP IS BEING OPERATED
7	ALARM LAMP(RED)	FLASHES IN ABNORMAL CONDITION
8	TIME SETTING LAMP(GREEN)	INDICATES THAT THE TIME SETTING IS IN PROCESS
9	TIME SETTING SWITCH	PUSHES WHEN SETTING THE TIME

SHOWER/SUB REMOTE CONTROLS

SHOWER / SUB REMOTE CONTROLS YST-84 / YST-84S



(ILLUSTRATION IS FOR YST-84)

NOS.	CONTROL	FUNCTION
1	DIGITAL DISPLAY	INDICATES TEMPERATURE & TIME ERROR CODE WHEN SAFETY DEVICE ON
2	TEMPERATURE CONTROL	ADJUSTS TEMPERATURE BETWEEN 37°C TO 48°C
3	TRANSFER SWITCH (GREEN)	PUSHES TO SET PRIORITY TO THIS CONTROL
3-A	TRANSFER INDICATOR (GREEN)	INDICATES THIS CONTROL HAS PRIORITY
3-B	TRANSFER INDICATOR (GREEN "T" LAMP)	INDICATES THIS CONTROL HAS PRIORITY
4	ON INDICATOR(GREEN)	INDICATES POWER IS ON TO SYSTEM
5	ON/OFF SWITCH	POWER SWITCH TO OPERATE THIS CONTROL
6	COMBUSTION LAMP(RED)	INDICATES A HOT WATER TAP IS BEING OPERATED
7	ALARM LAMP(RED)	FLASHES IN ABNORMAL CONDITION

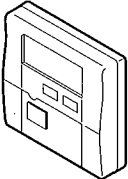
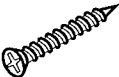

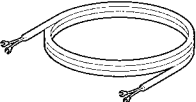
MOUNTING REMOTE CONTROLS

MOUNTING AND WIRING OF REMOTE CONTROLS

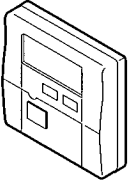
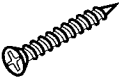
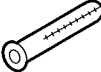
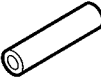
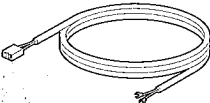

4.7 REMOTE CONTROLS

OPEN THE CARTON BOX AND MAKE SURE TO CHECK FOLLOWING PARTS PROVIDED.

● MAIN CONTROLS MODEL CMR-154

			
	2PCS	2PCS	
REMOTE CONTROLS	WOOD SCREW	CURL PLUG	WIRING

● SHOWER/SUB CONTROLS MODEL YST-84 / YST-84S

			
	2PCS	2PCS	2PCS
REMOTE CONTROLS	WOOD SCREW	CURL PLUG	CONNECTOR
			
WIRING	CABLE CLAMP		

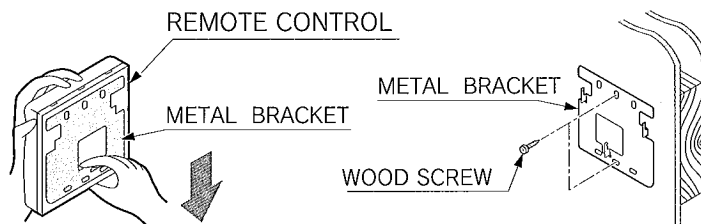
ALTERNATIVES IN MOUNTING REMOTE CONTROLS

IN EITHER OF THE FOLLOWING TWO ALTERNATIVES, YOU ARE TO REMOVE METAL BRACKET ATTACHED TO THE BACK OF EACH REMOTE BY SLIDING THE BRACKET FIRMLY DOWN TILL IT IS RELEASED FROM THE NOTCH BY CLICK, THEN PULL IT OUT.(MAIN CONTROL ONLY)

SINCE SHOWER/SUB CONTROLS WATERPROOFED, PLEASE INSTALL ON DIRECT MOUNTING.

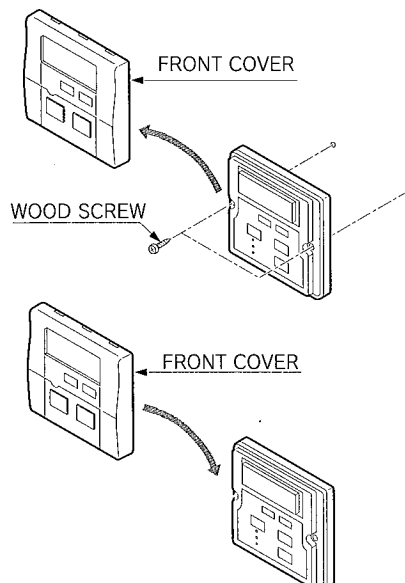
A. USING THE BRACKET (BEING REMOVED AS ABOVE) AS A FIXTURE: (REFER THE DIAGRAM BELOW)

1. FIX THE BRACKET TO THE WALL WITH WOOD SCREWS PROVIDED USING ANY TWO HOLES OUT OF THE SIX HOLES PROVIDED TO THE BRACKET.
2. FASTEN WIRING TO THE TERMINAL BLOCK.
3. FIX THE REMOTE CONTROLS TO THE BRACKET CATCHING THREE NAILS OF THE BRACKET THROUGH NOTCH AND THEN SLIDING FROM ABOVE FIRM UNTIL IT CATCHES THE NOTCH IN THE BRACKET AND CLICKS.



B. DIRECT MOUNTING (REFER THE DIAGRAM BELOW)

1. REMOVE THE FRONT COVER OF THE CONTROLS USING SCREWDRIVER CAREFULLY EASING THROUGH THREE SLOTS IN TURN PROVIDED AT THE TOP OF THE CONTROLS.
2. FASTEN WIRING TO THE TERMINAL BLOCK.(PLEASE SKIP THIS PROCESS IN CASE OF SHOWER/SUB CONTROLS.)
3. FIX THE REMOTE CONTROLS BASE BY WOOD SCREWS PROVIDED THROUGH TWO HOLES AT THE BOTH SIDE OF THE BASE. THEN FIT THE FRONT COVER IN PLACE.



USER INSTRUCTIONS

USER INSTRUCTIONS

PLEASE HAND THIS HANDBOOK TO THE USER AFTER INSTALLATION.

INTRODUCTION:

You have selected the ETERNITY electronic gas hot water unit. The following instructions will assist you to obtain the best performance from your ETERNITY unit.

OPERATION:

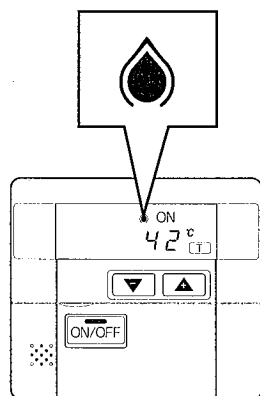
Up to three remote controls are able to be installed with your ETERNITY unit for complete controls of your hot water.

Please note units without remote control will be set at 60°C or in the case of commercial units 75°C.

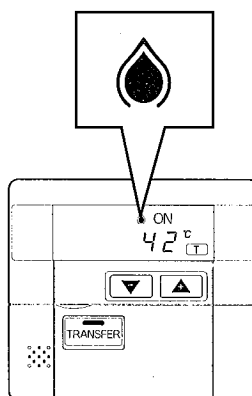
OPERATION OF MAIN REMOTE CONTROLS

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THIS APPLIANCE.

1. TURN ON THE ON/OFF SWITCH (REFER PG 11 OF THIS MANUAL).
2. THE TEMPERATURE DISPLAY WILL ILLUMINATE AT 42°C.
3. THE "T" AND ON INDICATORS WILL ILLUMINATE.
4. SELECT HOT WATER TEMPERATURE BY PRESSING UP / DOWN BUTTONS ON THE CONTROLS.
5. TURN ON A HOT WATER TAP. COMBUSTION INDICATOR WILL ILLUMINATE AFTER A SHORT DELAY, ON BOTH REMOTE CONTROLS. THESE INDICATORS WILL REMAIN ILLUMINATED UNTIL THE HOT WATER TAP IS TURNED OFF.



· MAIN CONTROL



· SHOWER/SUB CONTROLS

6. THE HOT WATER TEMPERATURE CAN BE ALTERED AT ANY TIME DURING THE OPERATION BY USING THE UP/DOWN BUTTONS LOCATED ON THE CONTROLS.

USER INSTRUCTIONS

OPERATION OF SHOWER / SUB REMOTE CONTROLS

The SHOWER/SUB CONTROLS overrides the operation of the main control.
Leave the operation switch on the MAIN CONTROL switched ON.

YST-84/84S SHOWER/SUB CONTROLS

1. Press the ON/OFF button after opening the cover on the CONTROLS. See diagram 1 below.
2. Press the TRANSFER BUTTON and the TRANSFER light will illuminate and the TEMPERATURE DISPLAY will have 42°C displayed. Please refer to page 12 of this handbook. See diagram 2 below.
3. Using the UP/DOWN BUTTONS select the temperature required. See diagram 3 below.
4. When you have finished using the hot water supply press the TRANSFER BUTTON to return the controls back to the MAIN CONTROL.

DIAGRAM 1

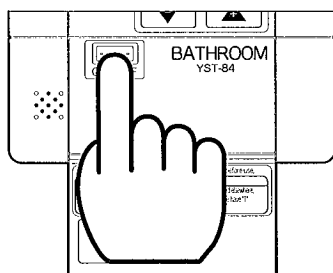


DIAGRAM 2

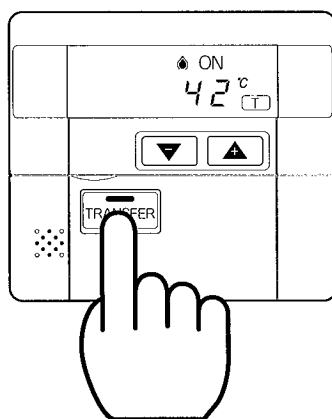
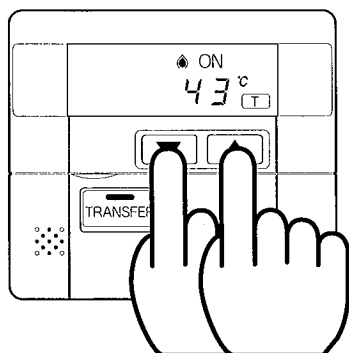
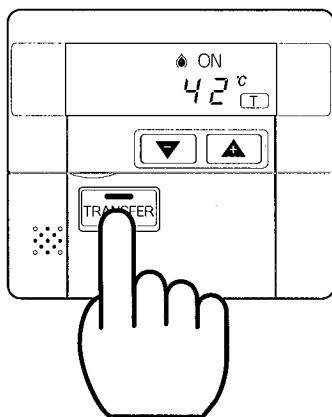


DIAGRAM 3



HINTS FOR USING REMOTE CONTROLS FOR SAFETY AND ENERGY SAVINGS

1. Set the MAIN CONTROL to 42°C for normal household use and to prevent small children from scalding.
2. For the dishwasher set the MAIN CONTROL to 60°C or the temperature in the manufacturer's instructions.
3. For showering use settings between 37°C-39°C and no cold water will be needed to be mixed, and if other hot or cold water taps are used the temperature will be maintained.



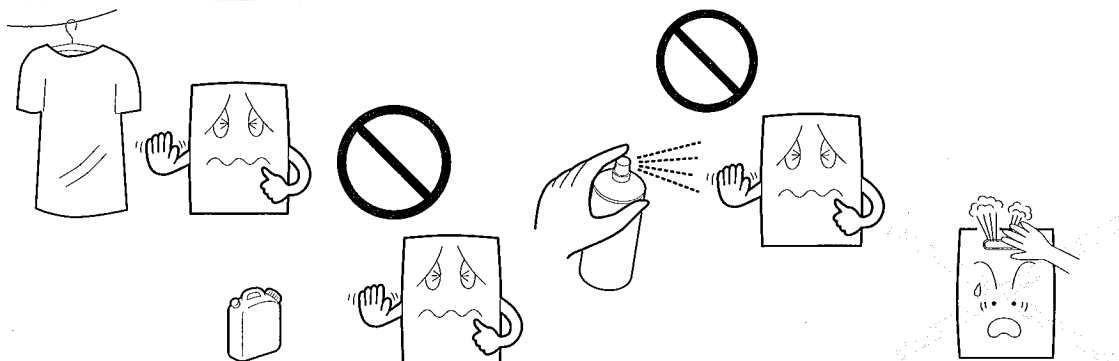
THE TEMPERATURE WILL INCREASE BY 1°C WITH EACH PRESS OF THE UP/DOWN BUTTONS. THE TEMPERATURE CAN BE ADJUSTED CONTINUOUSLY BY KEEPING THE BUTTON PRESSED. OVER 50°C UP TO 75°C, THE TEMPERATURE IS CONTROLLED BY 5-°C NOTCH.

PLEASE NOTE ABOVE 50°C SCALDING CAN OCCUR WITHIN SECONDS

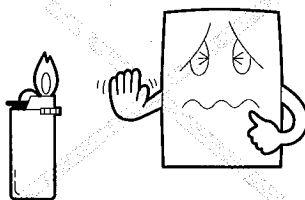
4. The MAIN REMOTE CONTROL is left switched on at all times for operation.
5. The MAIN REMOTE CONTROL is left switched on at all times and then change can be made to the operation temperature at any time during operation of hot water taps.

CARE OF THE ETERNITY UNIT

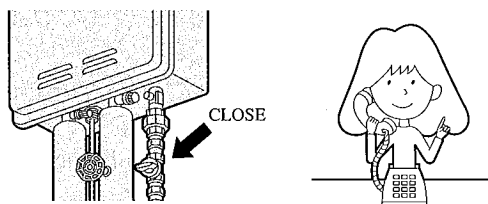
1. DO NOT HANG WASHING OR OTHER MATERIALS ADJACENT TO THE UNIT.
2. DO NOT STORE INFLAMMABLE MATERIALS WITHIN 2 METERS OF THE UNIT.
3. DO NOT TOUCH THE FLUE OUTLET OF THE UNIT DURING OR IMMEDIATELY AFTER OPERATION.



4. IF ANY GAS SMELL COMES FROM THE UNIT, DO NOT USE NAKED FLAMES TO TEST FOR GAS LEAKS.



5. TURN OFF THE GAS SUPPLY AND POWER AND CONTACT YOUR GAS SUPPLY COMPANY.



6. IF A POWER FAILURE OCCURS THE REMOTE CONTROLS WILL NOT FUNCTION AND THE CHOFU UNIT WILL NOT SUPPLY HOT WATER UNTIL POWER IS RESTORED.

PLEASE NOTE

WHEN POWER IS RESTORED THE REMOTE CONTROLS WILL RESET AT 42°C AS A SAFE TEMPERATURE.

HINTS FOR USING THE ETERNITY UNIT

POINTS NEEDED FOR YOUR SPECIAL ATTENTION

⚠ Danger

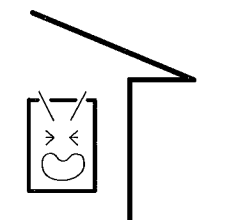
NO INSTALLATION INDOORS

(May cause oxygen deficiency accident or incomplete combustion.)

The unit is outdoor installation type. Never install indoor or in the bathroom. It will be extremely dangerous since it will cause oxygen deficiency and incomplete combustion.

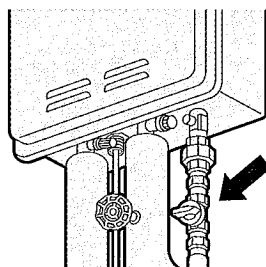


Prohibited



⚠ Warning

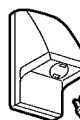
WATCH FOR GAS LEAK (May cause fire.)



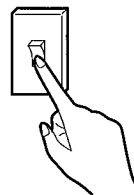
Close



No Fire



Prohibited

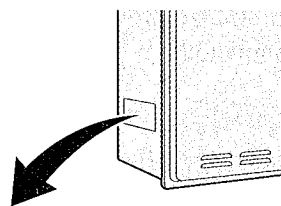


When gas leak is noticed, stop using the unit immediately and close the gas valve, then contact the shop you bought the unit from or the gas supply company.

CONFIRM TYPE OF GAS AND POWER SUPPLY (May cause incomplete combustion, explosive ignition or fire.)



Check



ETERNITY G16 EXTERNAL GAS WATER HEATER	
SAIG APPROVAL No.	GSCS20021
	NAT.G
INPUT	MJ/h 125
OUTPUT	kW/h 27.8
TEST POINT PRESSURE HIGH	kPa 0.40
TEST POINT PRESSURE LOW	kPa 0.103
GAS INJECTORS	mm 1.35/1.65
WEIGHT	kg 16.0
MAX. WATER PRESSURE	kPa 1200
MIN. WATER PRESSURE	kPa 260
WATER HEATING CAPACITY	10.0L/min RAISED 40°C
VOLTAGE	240 Volts-50Hz 0.37AMPS
SERIAL No.	20541310



ETERNITY G20 EXTERNAL GAS WATER HEATER	
SAIG APPROVAL No.	GSCS20021
	NAT.G
INPUT	MJ/h 160
OUTPUT	kW/h 35.5
TEST POINT PRESSURE HIGH	kPa 0.55
TEST POINT PRESSURE LOW	kPa 0.103
GAS INJECTORS	mm 1.35/1.65
WEIGHT	kg 16.0
MAX. WATER PRESSURE	kPa 1200
MIN. WATER PRESSURE	kPa 260
WATER HEATING CAPACITY	12.5L/min RAISED 40°C
VOLTAGE	240 Volts-50Hz 0.45AMPS
SERIAL No.	20541330



ETERNITY G26 EXTERNAL GAS WATER HEATER	
SAIG APPROVAL No.	GSCS20021
	NAT.G
INPUT	MJ/h 200
OUTPUT	kW/h 44.4
TEST POINT PRESSURE HIGH	kPa 0.68
TEST POINT PRESSURE LOW	kPa 0.118
GAS INJECTORS	mm 1.34/1.65
WEIGHT	kg 17.0
MAX. WATER PRESSURE	kPa 1200
MIN. WATER PRESSURE	kPa 210
WATER HEATING CAPACITY	16.25L/min RAISED 40°C
VOLTAGE	240 Volts-50Hz 0.47AMPS
SERIAL No.	20541350



Make sure to use the gas type as well as power supply (voltage/frequency) as indicated on the RATING LABEL located on the cabinet side.

There are Natural Gas and Propane Gas on the GAS TYPE LABEL.

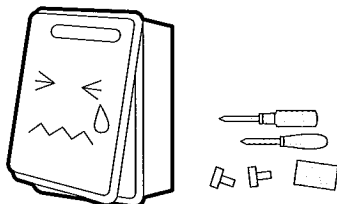
Warning

NO DISASSEMBLY, REPAIR OR MODIFICATION

(May cause fire, electric shock or other accidents.)



No Disassemble



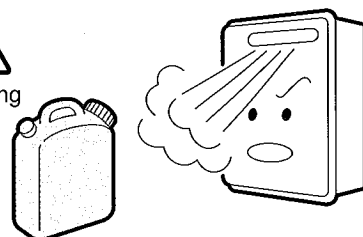
Do not disassemble or modify the units.
Never fail to ask professional assistance from the dealer you have bought your unit from for such a case as installation, removing, auxiliary installation work or connection to the solar units.

CAUTION FOR INFLAMMABLE ITEMS

(May cause fire or explosion.)



Warning



Do not place any inflammable items such as gasoline or benzene nor use them around the unit. Take special care.

Freeze Prevention.

This unit comes equipped with electric heaters that discourage the water heater from freezing.

To enable this freeze prevention system to operate there must be an electrical power supply connected to the unit.

The freeze prevention devices will not operate if the electrical power source is not connected.

Caution.

The electric heaters are installed inside the water heater only all External Hot and Cold water supply pipes and fittings connected to the water heater should be properly insulated.

Warning

CAUTION TO PREVENT SCALDING

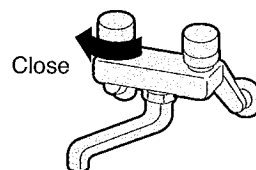


Check the water temperature by hand first before using shower.

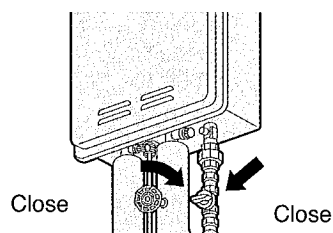
MEASURE TO BE TAKEN IN CASE OF EMERGENCY

When there is an emergency such as earthquake or fire, apply following procedure.

1. Close the hot water outlet.

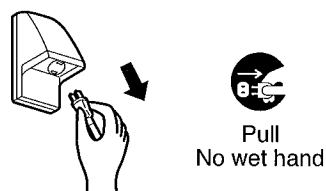


2. Close the gas valve and the main water valve.

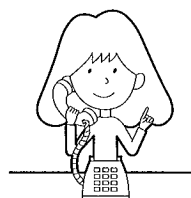


3. Turn off the main power.

However, in case of gas leakage, first close the gas valve then wait for the leaked gas to disperse then turn off the main power supply.

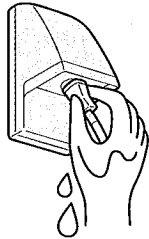


4. Contact the dealer from whom you bought the unit.



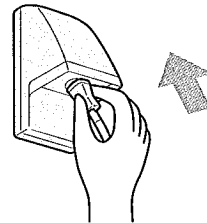
Caution

DANGER OF WET HANDS
(May cause electric shock.)



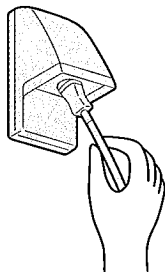
Do not touch power plug with wet hands.
It is dangerous, because it can cause electric shock.

**INSERT POWER PLUG PROPERLY INTO
TERMINAL**



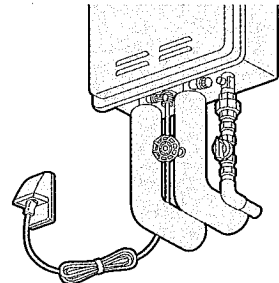
Check the power plug for dust accumulation,
then properly insert to the power point.

DO NOT PULL POWER CORD
(May generate heat and cause fire.)



Do not turn off the power plug by pulling the
cord. It may generate heat by wire breakage
then cause fire.

**DO NOT USE POWER CORD
BUNDLED**
(May generate heat and cause fire.)



Never use power cord in a bundled condition.
It will cause heat generation and fire.

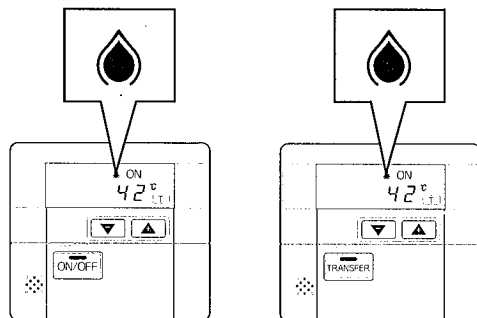
If the power supply cord is
damaged, it should be replaced
by a cord available from
ETERNITY Agents.

Caution

CONFIRM IGNITION, COMBUSTION AND EXTINCTION



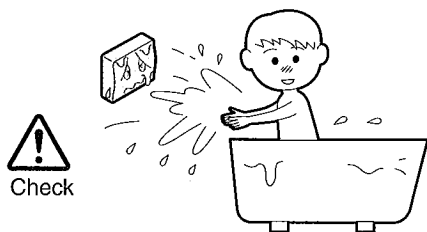
Check



Please always check ignition, combustion and extinction of the unit by the operation lamp of the main or shower/sub remote controls.

DO NOT PUT WATER ON THE REMOTE CONTROLS

(May cause failure.)

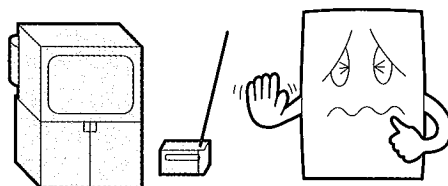


Do not put water on the remote controls.
It will cause failure.

DO NOT INSTALL NEAR ELECTRIC APPLIANCES



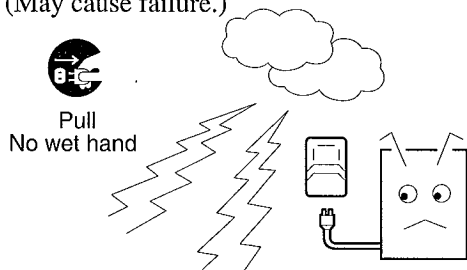
Check



When installed near to TV or radio, it may cause picture disturbance or sound disturbance.
Install away from those appliances.

MEASURE TO BE TAKEN FOR LIGHTNING POSSIBILITY

(May cause failure.)

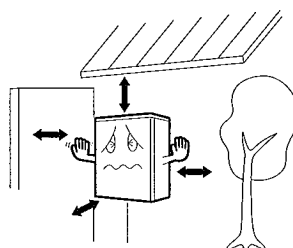


Instant overflow voltage caused by lightning can damage the electronic parts. Therefore, turn off the main power when you have thunder.

SECURE SERVICE SPACE



Check



Make sure to secure good enough space around the unit to ensure space necessary for checking and maintenance.

FAULT MONITOR

FAULT MONITOR

THE ETERNITY HOT WATER UNIT HAS A SELF DIAGNOSING FUNCTION FOR FAULTS.

When the unit does not operate correctly, an error code is displayed on the MAIN and SHOWER remote controls TEMPERATURE DISPLAY INDICATOR.

The cause of the fault can be determined after checking the fault numbers display on the remote control display.

DISPLAY	PROBLEM	REMEDY
11	GAS BURNER FAILS TO IGNITE.	CHECK GAS SUPPLY.
72	FALSE FLAME DETECTION.	CALL SERVICE CENTRE.
12	LOSS OF COMBUSTION.	CHECK GAS SUPPLY AND PRESSURE.
14	RESIDUAL FLAME SAFETY DEVICE.	CALL SERVICE CENTRE.
32	THERMISTOR WIRE BREAKAGE.	CALL SERVICE CENTRE.
61	COMBUSTION FAN FAILURE.	CALL SERVICE CENTRE.
740 750 760	COMMUNICATION FAILURE BETWEEN REMOTE CONTROLS & PCB.	TURN OFF POWER AND TURN ON AGAIN.

PLEASE NOTE REPLACEMENT POWER CODE FOR THIS APPLIANCE CAN BE OBTAINED FROM THE ETERNITY SERVICE DEPARTMENT TELEPHONE 1300367565.

PLEASE NOTE ONLY AUTHORISED PERSONS ARE TO PERFORM SERVICE WORK ON THIS APPLIANCE FAILURE TO OBSERVE THIS CONDITION WILL VOID THE WARRANTY AND COULD MAKE THE APPLIANCE UNSAFE.

SCHEDULED SERVICE PERIODS

This water heater requires scheduled maintenance at regular 12 monthly periods to obtain the maximum service life and safe operation.

WARRANTY CONDITIONS

Eternity Continuous Flow

1. All Eternity water heaters must be installed by a Licensed installer.
2. Only Authorised personnel must Install, Commission or Service Eternity water heaters.
3. All Eternity water heaters must be installed in accordance with Manufacturer's Installation Instructions and in Accordance with local regulations, municipal building codes and current AS/NZS3000, AS/NZS3500, AS 3498 and AS5601.
4. If the Eternity water heater has not been installed in accordance with Manufacturer's Installation Instructions or installed as to be easily accessible for servicing, a service charge may apply.
5. Where a component may have failed under warranty and is replaced, the component replaced will only be covered by the warranty for the balance of the appliance warranty period.
6. Water Quality must be within limits specified in table below.

pH	Sodium	TDS (Total Dissolved Solids)	Chlorides	Iron	Magnesium	Alkalinity (as CaCO ₃)	Dissolved (free) CO ₂	Total Hardness CaCO ₃
6.5 to 8.5	Up to 150 mg/litre or ppm	Up to 600 mg/litre or ppm	Up to 300 mg/litre or ppm	Up to 1 mg/litre or ppm	Up to 10 mg/litre or ppm	Up to 200 mg/litre or ppm	Up to 25 mg/litre or ppm	Up to 200 mg/litre or ppm

The warranty will be rendered void in the following circumstances:

1. Failure due to misuse, Acts of God, accidental damage, installation by an installer who is not unauthorised to install an Eternity water heater or incorrect installation and attempts to repair Eternity by an unqualified person.
2. Repairs and service carried out by a person who is not a Qualified Service Person or Authorised Service Agent.
3. Faults caused by incorrect installation, water problems, electricity supply and or gas supply.

The warranty does not cover the following:

4. Subject to any statutory provisions to the contrary, claims for damages to walls, foundations etc or any other consequential loss caused either directly or indirectly by leakage from the water heater or any other faults.
5. Warranty does not cover any faults that may arise from connecting to a water source that is unfiltered such as dams, bores, rivers etc.

Eternity does not accept liability for consequential damage or any incidental expenses resulting from any breach of the Warranty.

Warranty Terms

Eternity Water Heaters are covered by Eternity for any cost of labour and parts in the event of a component failure due to any defects that may arise either from workmanship and or faulty material.

The Warranty commences on the date of Installation:

Domestic Appliance	Eternity Product	
Heat Exchanger	Parts	10 Years
	Labour	3 Years
All Other Parts	Parts	3 Years
	Labour	3 Years
Commercial Application	Eternity Product	
Heat Exchanger	Parts	5 Years
	Labour	1 Year
All Other Parts	Parts	1 Year
	Labour	1 Year

Definition of Domestic Use:

1. Units installed in any domestic dwelling.
2. Units installed in any gas boosted solar system in a domestic dwelling.
3. Units used in any household applications.

Definition of Commercial Use:

1. Units supplying kitchen areas used for bulk food preparation.
2. Units used in industrial or bulk heating processors and hydronic heating installations.
3. Units used as bulk central heating systems and flow and return systems.

Please contact your ETERNITY office for full warranty conditions
On 1300 367 565 for all Warranty and Service information.