INFINITY gas continuous flow water heating

Specification guide: A-Series, EF26, HD, and N-Series

Rinnai

Important

Rinnai is constantly improving its products, and as such, information and specifications are subject to change without notice. For the most up-to-date information, go to www.rinnai.co.nz.

Help is here

For more information about buying, using, and servicing of Rinnai appliances call 0800 RINNAI (0800 746 624).

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We are proud of being New Zealand's largest provider of industry online learning, giving vital advice and support to technical institutes and other learning organisations, as well as all the people involved in selling, specifying, and installing Rinnai product.

There are a number of courses available for Rinnai INFINITY water heaters with new courses being uploaded regularly.

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Leaders in gas continuous flow

When you turn on a tap you want water at the right temperature fast, which is why over the years we've devoted considerable time and resource to leading edge research and development.

We were the first to introduce continuous flow technology and have been tirelessly working on improving this ever since.

Rinnai continuous flow technology timeline

1991
Original Micro Processor

2002
Dynamic Flow Control

2006
INFINITY XR

2011
INFINTY VT

2018
INFINTY A-Series

2020
INFINITY EF26
condensing

1995
Q-Function

2004
V-Series Rapid Start

2008
Rinnai EF condensing

2013
INFINITY VT Series 2

2020
INFINITY N-Series
condensing

Rinnai INFINITY range

The Rinnai INFINITY range is made up of four categories to cater for a variety of hot water demands and installation requirements.

Category	Suitability	
Rinnai INFINITY **A-Series** Improved accessibility for easier and faster service	Residential applications only	
Rinnai INFINITY **HD** Heavy duty on demand for demanding jobs.	Residential and commercial applications	
Rinnai INFINITY **N-Series** Condensing technology to deliver higher efficiencies.	Residential and commercial applications	
Rinnai INFINITY **EF26** Condensing technology, replacing the EF24.	Residential applications only	

Model	Mounting position	Input	Output	Thermal efficiency on high	Status monitor
A16	External	16.3-124 MJ/h	27.8 kW	80.5%	No
A20	External	19.9-156 MJ/h	34.9 kW	80.5%	No
A24	External	16.3-184 MJ/h	42.0 kW	81%	No
A26	External	16.3-199 MJ/h	44.5 kW	80.5%	No
EF26	External	16.3-175 MJ/h	44.5kW	91.5%	No
HDi200	Internal	16.0-195 MJ/h	44.5 kW	83%	No
HD200	External	16.0-199 MJ/h	45.9 kW	82%	Yes
HD250	External	20.0-249 MJ/h	57.8 kW	83%	No
N56kWi	Internal	16.0-209 MJ/h	55.5 kW	97%	Yes
N56kWe	External	16.0-209 MJ/h	55.5 kW	97%	Yes

Service and maintenance

For reliable operation Rinnai INFINITY continuous flow water heaters in residential applications should be serviced every two years. For commercial applications Rinnai has a maintenance and servicing schedule, please contact us for more information.

What is continuous flow?

A continuous flow hot water system only heats water when it passes through the unit. It will deliver a continuous flow of heated water at a predetermined flow rate, depending on the model, as long as the unit is connected to the power and gas.

General principle of operation
Each Rinnai INFINITY has a number of components that control the water temperature and water flow. These are:

- PCB (onboard computer)
- water flow control valve
- water flow sensor
- modulating gas valve
- outlet water temperature sensor

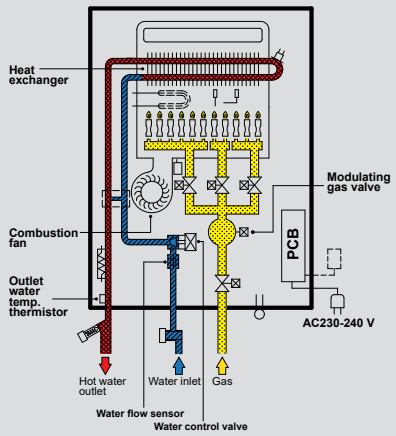
When a tap is turned on the unit senses the need to start. The combustion fan starts, ignition begins (electronic requiring electricity), and the gas valve opens. Once the flame is established the appliance will heat the water through the heat exchanger (as required) until the tap is turned off.

What is condensing continuous flow?
The Rinnai N-Series and EF26 utilise condensing technology to deliver higher efficient water heaters, requiring less gas to operate. These water heaters, via a secondary heat exchanger, unlock energy that would otherwise be wasted.

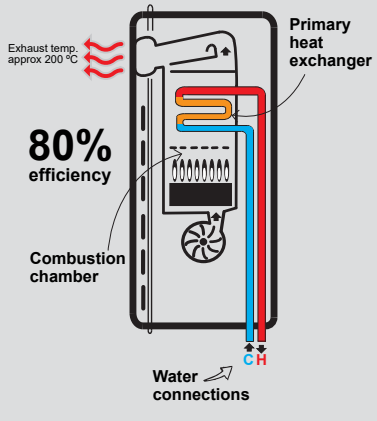
They do this by preheating the incoming water through the transfer of heat from the exhaust gas, which in a standard unit would otherwise be wasted.

Water then flows to the primary heat exchanger and is heated. as the water is already preheated it uses less gas to reach the required temperature.

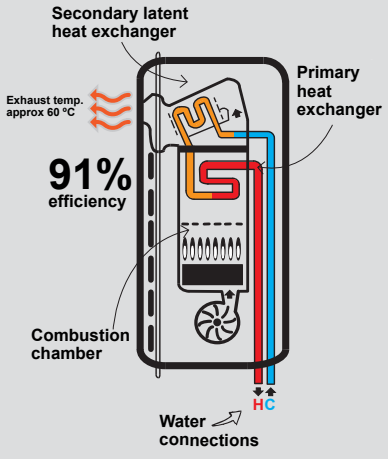
Standard continuous flow - general principle of operation



Standard water heater



EF26 Condensing water heater



Please note
The N-Series models utilise the latest condensing technology. The way they operate differs from the EF26 shown above. The latest N-Series models have the highest thermal efficiency of the INFINITY range at 97%.

Model selection for residential applications

When specifying residential applications there are some questions you need to ask to determine what model(s) are required. Keep in mind future requirements of the building. Water heating solutions should be designed to the number of hot water outlets and not the number of people.

How many bathrooms?

An A16 or A20 unit may be suitable for a one bathroom home, a two or three bathroom home will need a larger Rinnai INFINITY, or even multiple units.

Where are the bathrooms and other hot water outlets in the building?

Where are the bathrooms and other hot water outlets in relation to where the water heater is to be installed? In most cases it is better to site the Rinnai INFINITY closer to the kitchen where there is an immediate demand for hot water. If bathrooms are situated at opposite ends of the house two units may be required.

Simultaneous demand?

How likely will hot water outlets, such as showers, be used at the same time?

Scenario one: Two bathroom home with a couple who rarely use the second shower—an A20 may be suitable.

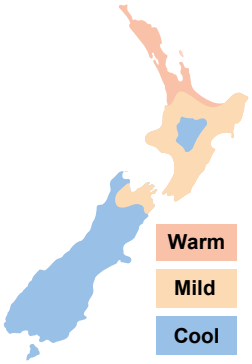
Scenario two: Two bathroom home with a family of five who fight for two showers in the morning—a larger Rinnai INFINITY would be needed.

What type of tapware is installed?

There is a large range of tapware in the market, some with very high flow rates. The main consideration is the type of shower rose installed and how many litres it puts out—typical flow rates for showers is around 8-12 L/min. This needs to be factored when determining the model. To measure the flow rate of a shower, hold a bucket under the shower rose for one minute and measure the water volume.

Location in New Zealand?

Use the NZ map to determine the climate zone.



Ambient water temperatures will vary throughout the country, especially in winter. This is important when determining incoming water temperature and the temperature required at the hot water outlet as this will affect how much hot water the unit can deliver. For more information refer to Appendix 1 on p.36.

Model selector example

Determine the hot water outlets that will run simultaneously and list the flow rates against them.

Hot water outlet	Typical flow rate	Worked example
Bathroom 1	9 L/min	9 L
Bathroom 2	9 L/min	9 L
Kitchen	6 L/min	6 L
Laundry	6 L/min*	
Other	Allow 6 L/min	
TOTAL		24 L

* Some washing machines, particularly front loaders, have a cold-only connection as they have an internal heater. Hot water in this instance would not need to be factored into this calculation.

In the column for the geographical region move down until a number bigger than your total appears.

Warm (L/min)	Mild (L/min)	Cool (L/min)	A-Series	HD	EF26 & N-Series
16	13	11	16	200	EF26
20	17	14	20	200	EF26
24	20	17	24	200	EF26
26	22	19	26	200	N56
30	26	22	26	250	N56
32	27	23		250	N56

Read across the model, e.g. for 24 litres per minute in the mild zone an A26 is selected. If you find the flow rate is greater than the figures listed in the table please contact Rinnai for advice. Multiple units or an alternative hot water heating solution may be required.

Location of a Rinnai INFINITY

To provide safe and effective water heating it is important to adhere to all the relevant gas installation standards. If in doubt it pays to consult a licensed gasfitter to double check where the unit can be located.

General installation considerations

The Rinnai INFINITY should be placed as close as possible to the most frequently used hot water outlet(s) to minimise the delay for hot water. In most cases it's better to site the unit closer to the kitchen where there is an immediate demand for hot water.

For installations where the distance between the water heater and outlets is considerable, a flow and return system with a buffer tank can be used to minimise the waiting time for hot water delivery. Alternatively multiple units can be strategically placed to serve different outlets.

Operating noise

Some people are susceptible to low level noise. INFINITY units operate at around 50-54 dB(A). This needs to be considered if locating the appliance near a bedroom.

Easy access

All continuous flow water heaters must be installed so that access can be gained for servicing and repair without hazard or undue difficulty.

If mounting the unit at height the owner must arrange permanent and safe access, or provide another means of safe access such as scissor or boom lifts.

External models

External models are designed for outdoor installations only. They must be located above ground where products of combustion can be naturally dispersed. They should not be in enclosed areas as the unit can suffocate on its own flue gases, which will cause the unit to malfunction. Refer to the general flue clearances diagram below.

Internal models

Internal models are designed for indoor installations only. They are a flued appliance. They may be installed in an enclosure if the requirements of AS/NZS 5601.1 are met. An enclosure is defined as a compartment, enclosed area, or partitioned off space primarily used for the installation of the appliance.

Example of an HDi200 installed in a cupboard - Rinnai Auckland showroom

For internal units we recommend a 600 mm clearance in front of the unit for servicing access. This can be reduced to 50 mm if installed in a cupboard, refer clearances below.

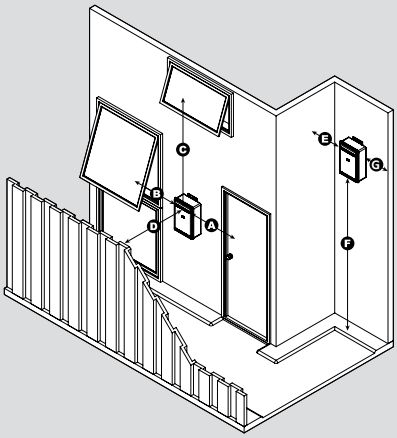
General flue clearances:

Dim.	A-Series, HD200, EF26	N-Series, HD250
A	Min. 300 mm	Min. 500 mm
B	Min. 300 mm	Min. 500 mm
C	Min. 1.5 m	Min. 1.5 m
D	Min. 500 mm	Min. 500 mm
E	Min. 300 mm	Min. 300 mm
F	Min. 300 mm*	Min. 300 mm*
G	Min. 300 mm	Min. 300 mm

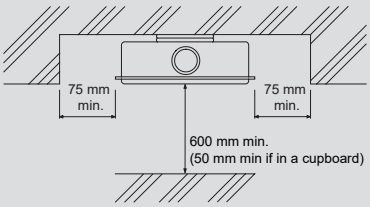
Below eaves, balconies, and other projections, min. 300 mm.

From a gas meter 1000 mm.
From an electricity meter or fuse box, min. 500 mm.

External models



Internal models



* Rinnai recommend 1.5 m to give enough clearance for the pipe work, and to safely expel flue gases.

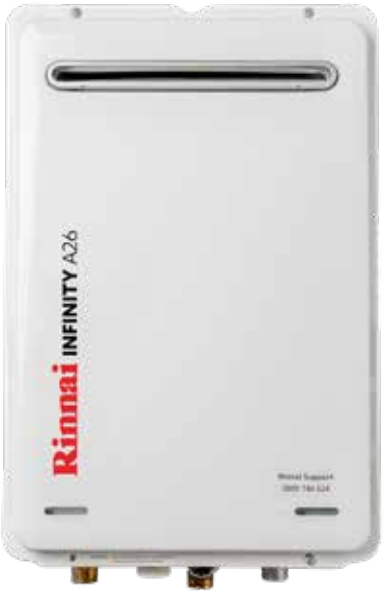
Rinnai **INFINITY**

product specification pages

Instant vs continuous flow hot water

If an outlet is more than 15 m away from the INFINITY there could be a time delay for hot water of approximately 10-15 seconds. To minimise hot water delivery times, pipe sizing, INFINITY model selection and location are important. Consult a licensed gasfitter for more information.

Rinnai INFINITY A-Series



Description

Designed and made in Japan, the Rinnai INFINITY A-Series are gas continuous flow hot water heaters with inbuilt frost protection. They have electronic ignition and require electricity to operate. They are factory preset to deliver water at 55 °C (maximum set temperature is 65 °C).

Scope of use

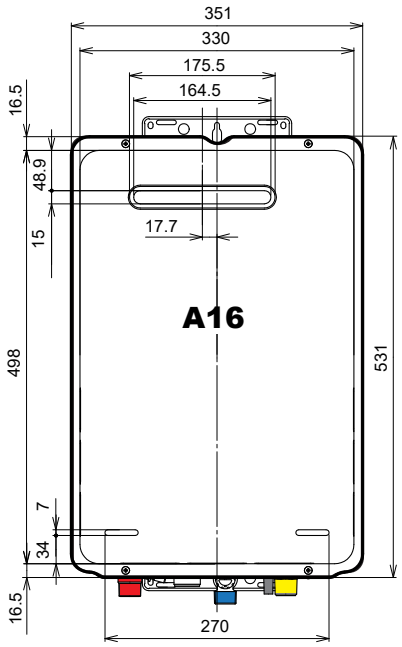
Suitable for RESIDENTIAL applications only. They are designed to be externally mounted on an outside wall and located as close as practicable to the most frequently used hot water outlets to reduce the delay for hot water delivery.

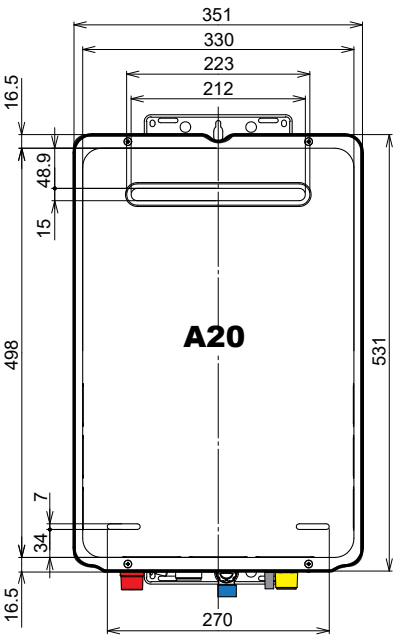
They are not suitable as a spa or swimming pool heater, or for hydronic applications. They are also not suitable as a gas boost for solar installations as the temperature cannot be set high enough.

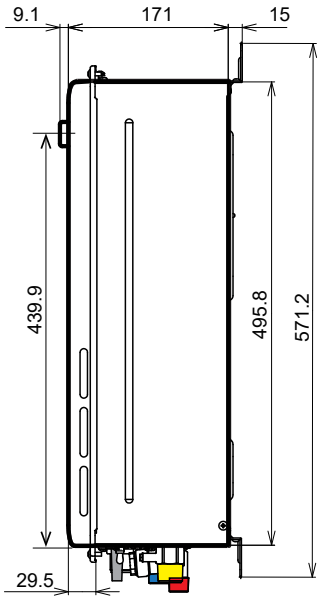
Hard or acidic water will need to be treated to use this product.

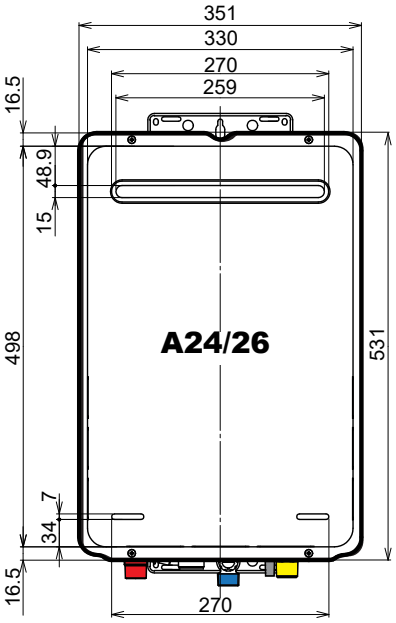
	A16	A20	A24	A26
REU number	A1620WG-ZK	A2024WG-ZK	A2426WG-ZK	A2626WG-ZK
Code Natural Gas	INFA16N	INFA20N	INFA24N	INFA26N
Code LPG	INFA16L	INFA20L	INFA24L	INFA26L
Thermal efficiency on high	80.5%	80.5%	81%	80.5%
Hot water capacity[1]	1.5-20 L/min	1.5-24 L/min	1.5-26 L/min	1.5-26 L/min
Hot water capacity at a 25° rise	16 L/min 960 L/h	20 L/min 1200 L/h	24 L/min 1440 L/h	26 L/min 1560 L/h
Input	16.3-124 MJ/h	19.9-156 MJ/h	16.3-184 MJ/h	16.3-199 MJ/h
Output	27.8 kW	34.9 kW	42 kW	44.5 kW
Weight	13 kg	14 kg	15 kg	15 kg
Nominal operating pressure	120-1000 kPa	160-1000 kPa	200-1000 kPa	200-1000 kPa
Connection - hot	R ½ (15 mm)	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)
Connection - cold	R ½ (15 mm)	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)
Connection - gas	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)
Ingress protection rating	IPX4	IPX4	IPX4	IPX4
Noise level (1 m) away	54 dB(A)	55 dB(A)	54 dB(A)	55 dB(A)
Power consumption				
• **normal**	47 W	58 W	56 W	66 W
• **standby**	2 W	2 W	2 W	2 W
• **automatic frost protection**	68 W	68 W	68 W	68 W

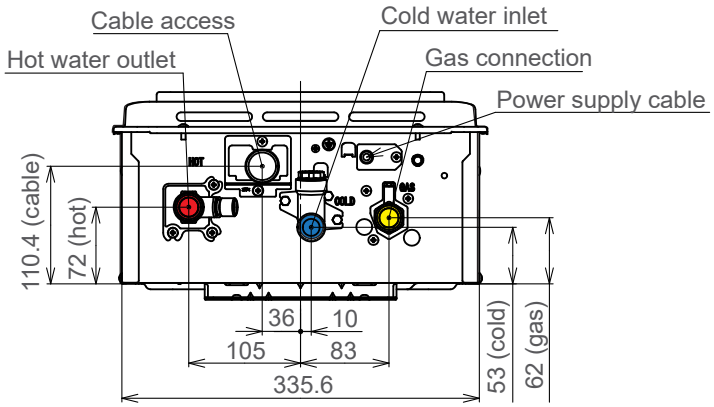
[1] The higher figures for the A16, A20, and A24 are only applicable in areas where the incoming water temperatures are high, for example 20 °C. Rather than all the water going through the heat exchanger, some of the water will go through the bypass tube allowing a greater capacity of water to be delivered.











From bottom of unit:

- Hot 41 mm (A16 → 39 mm)
- Cable 29 mm
- Gas 40 mm
- Cold 50 mm

Additional notes

Dimensions
The basic dimensions, height, width, and depth, are the same. The difference between the models is the position and dimensions of the flue outlet.

Joining units together is not possible
A-Series models are unable to be electronically manifolded.

Rinnai INFINITY HD

HD250 external model pictured

Description

Designed and made in Japan, the Rinnai INFINITY HD units are gas continuous flow hot water heaters with inbuilt frost protection. They have electronic ignition and require electricity to operate. The internal unit is a room sealed appliance. The INFINITY HDi200 and HD250 are factory preset to 55 °C, the HD200 is factory preset to 75 °C.

Scope of use

Suitable for residential and commercial applications. The external HD200 / HD250 units are designed to be externally mounted on an outside wall. The internal HDi200 is designed for internal installations only and can be installed in an enclosure if the requirements of AS/NZS 5601.1 are satisfied. They are designed to be located as close as practicable to the most frequently used hot water outlets to reduce the delay for hot water delivery.

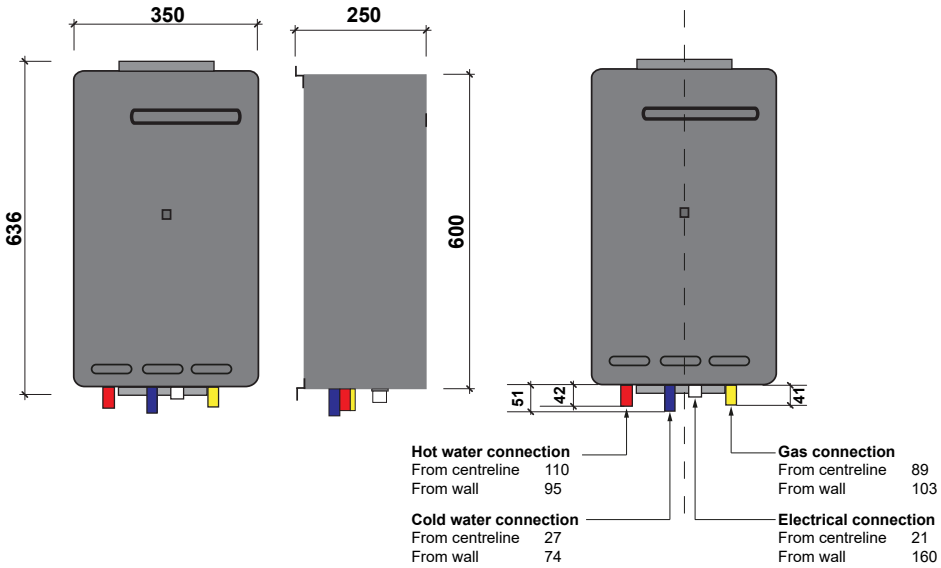
They are not suitable as a spa or swimming pool heater, or for hydronic applications.

Hard or acidic water will need to be treated to use this product.

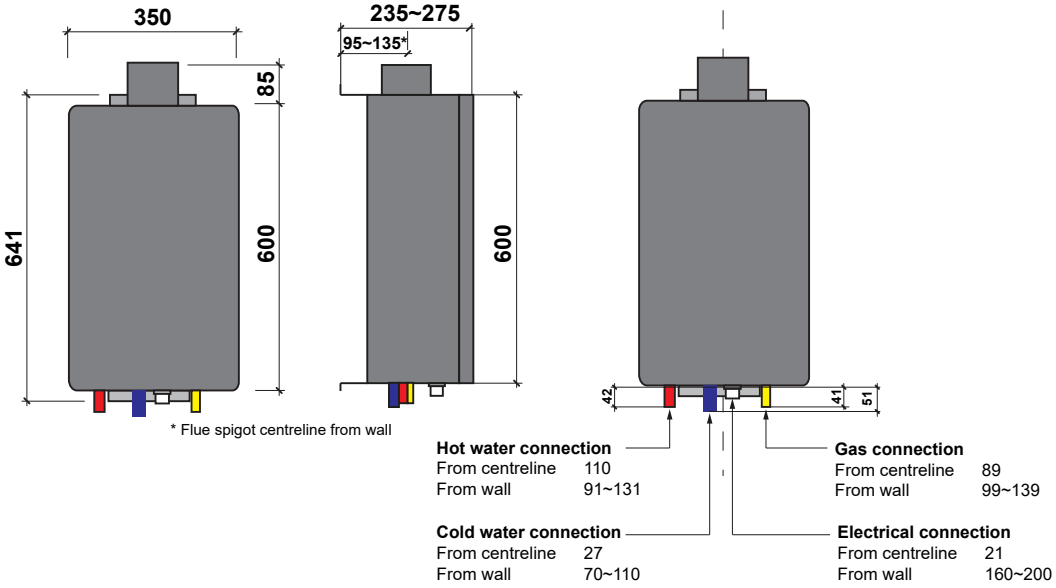
	HD200 external 	**HDi200 internal** 	**HD250 external** 
REU number	VRM2632WC	VR2632FFUG	VR3237WG
Code Natural Gas	INFHD200HNCN	INFHD200FFNCFN	INFHD250HNCN
Code LPG	INFHD200HNCL	INFHD200FFNCFL	INFHD250HNCL
Thermal efficiency on high	82%	83%	83%
Hot water capacity[1]	2.4-30 L/min	2.4-32 L/min	3.2-37 L/min
Hot water capacity at a 25° rise	26 L/min 1560 L/h	26 L/min 1560 L/h	32 L/min 1920 L/h
Input	16-199 MJ/h	16-195 MJ/h	20-249 MJ/h
Output	45.9 kW	44.5 kW	57.8 kW
Weight	21 kg	21 kg	29 kg
Nominal operating pressure	130-1000 kPa	140-1000 kPa	200-1000 kPa
Connection - hot	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)
Connection - cold	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)
Connection - gas	R ¾ (20 mm)	R ¾ (20 mm)	R ¾ (20 mm)
Ingress protection rating	IPX4	IPX4	IPX4
Noise level (1 m) away	50 dB(A)	50 dB(A)	50 dB(A)
Power consumption • **normal** • **standby** • **automatic frost protection**	 60 W 2 W 100 W	 67 W 2 W 100 W	 72 W 2 W 116 W

[1] The higher figures are only applicable in areas where the incoming water temperatures are high, for example 20 °C. Rather than all the water going through the heat exchanger, some of the water will go through the bypass tube allowing a greater capacity of water to be delivered.

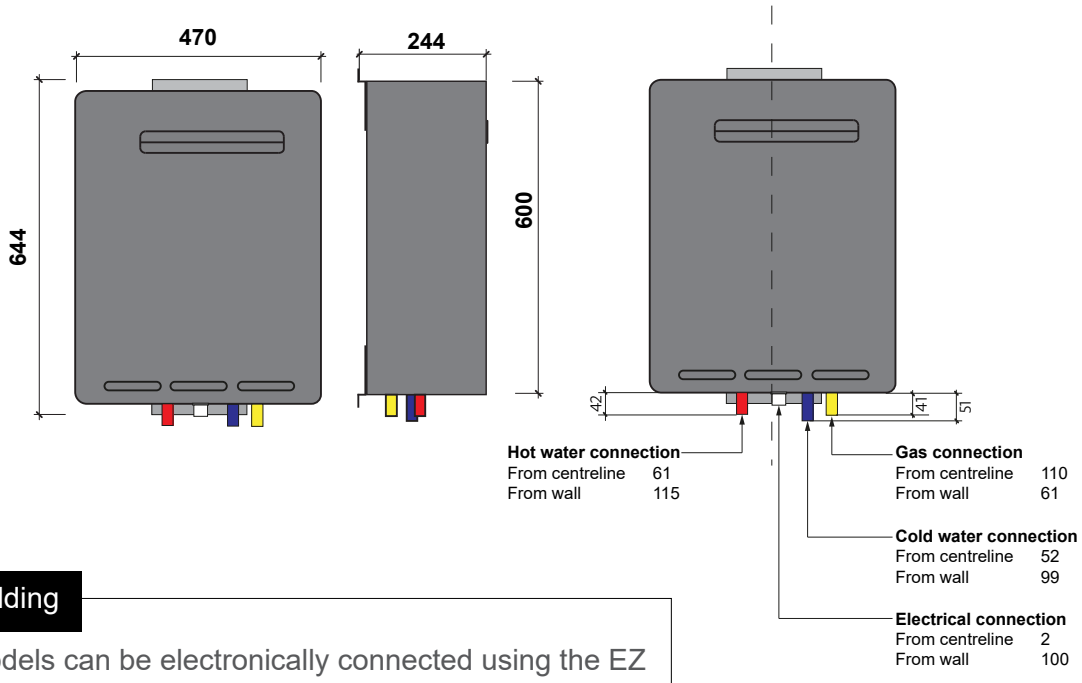
HD200 external



HD200 internal



HD250 external



Manifolding

HD models can be electronically connected using the EZ connect cable (2 units) or the MECS for up to 25 units.

Rinnai INFINITY EF26

Description

Designed and made in Japan, the Rinnai INFINITY EF26 is an external gas condensing continuous flow hot water heater with inbuilt frost protection. It has electronic ignition and requires electricity to operate. It is factory preset to deliver water at 55 °C (maximum set temperature is 65 °C).

Scope of use

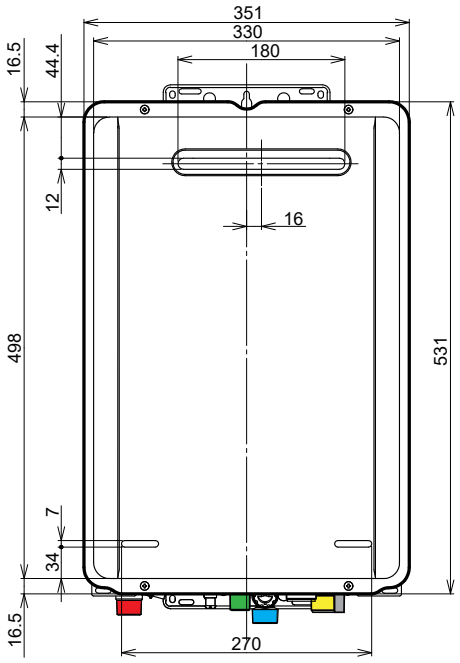
Suitable for RESIDENTIAL applications only. The EF26 is designed to be externally mounted on an outside wall and located as close as practicable to the most frequently used hot water outlets to reduce the delay for hot water delivery.

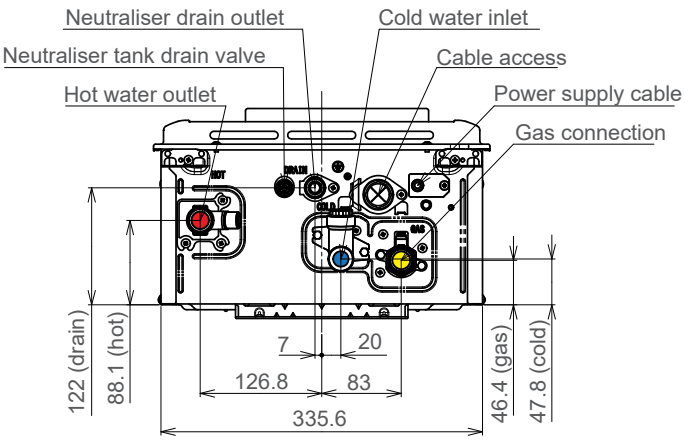
It is not suitable as a spa or swimming pool heater, or for hydronic applications. It is also not suitable as a gas boost for solar installations as the temperature cannot be set high enough.

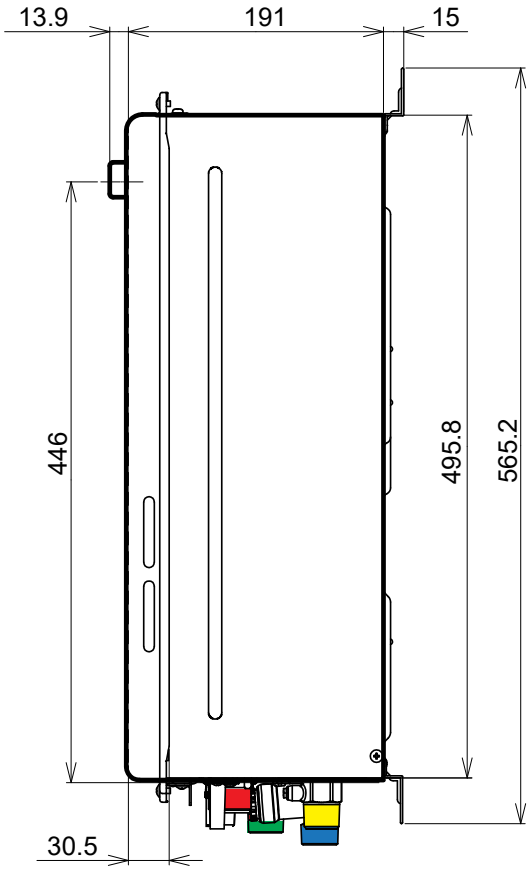
Hard or acidic water will need to be treated to use this product.

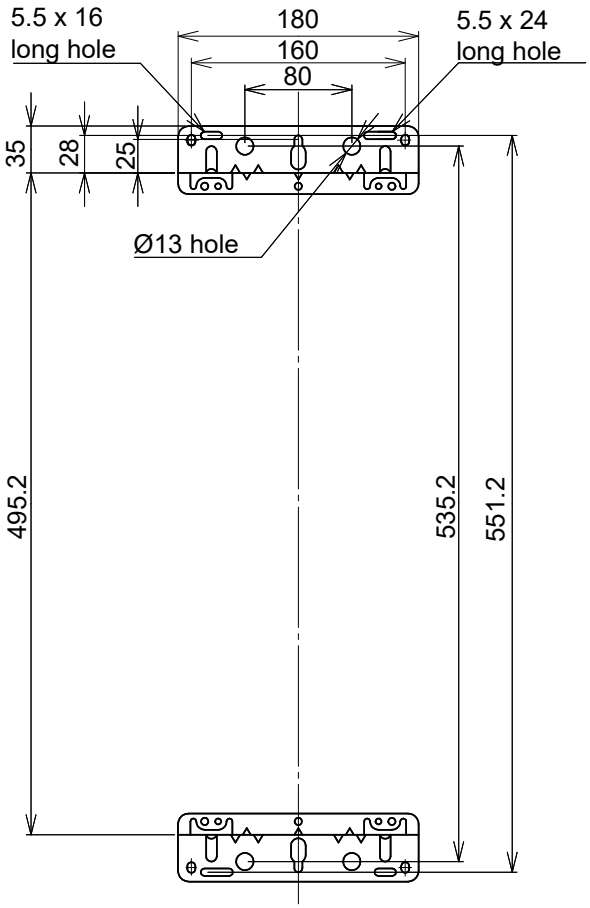
REU number	E2626W-ZK
Code Natural Gas	INFEF26N
Code LPG	INFEF26L
Thermal efficiency on high	91.5%
Hot water capacity	1.5-26 L/min
Hot water capacity at a 25° rise	26 L/min 1560 L/h
Input	16.3-175 MJ/h
Output	44.5 kW
Weight	18 kg
Nominal operating pressure	220-1000 kPa
Connection - hot	R ¾ (20 mm)
Connection - cold	R ¾ (20 mm)
Connection - gas	R ¾ (20 mm)
Connection - condensate	R ½ (15 mm)
Ingress protection rating	IPX5
Noise level (1 m) away	50 dB(A) approx.
Power consumption • **normal** • **standby** • **automatic frost protection**	 63 W 2 W 92 W

Please note
Joining units together is not possible. The EF26 model is unable to be electronically manifolded.









Rinnai INFINITY N-Series

N56kWe external model pictured

Description

Designed and made in Japan, the Rinnai INFINITY N-Series are condensing continuous flow water heaters with inbuilt frost protection. They have electronic ignition and require electricity to operate. The internal unit is a room sealed appliance.

The INFINITY N-Series units are factory preset to 75 °C. This will be changing in the later part of the year to 55 °C.

Scope of use

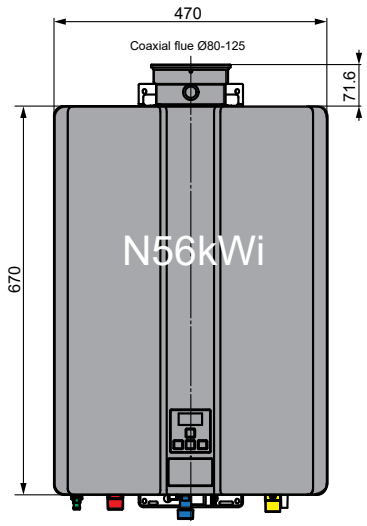
Suitable for residential and commercial applications. The external N56kWe is designed to be externally mounted on an outside wall. The internal 56kWi is designed for internal installations only and can be installed in an enclosure if the requirements of AS/NZS 5601.1 are satisfied. They are designed to be located as close as practicable to the most frequently used hot water outlets to reduce the delay for hot water delivery.

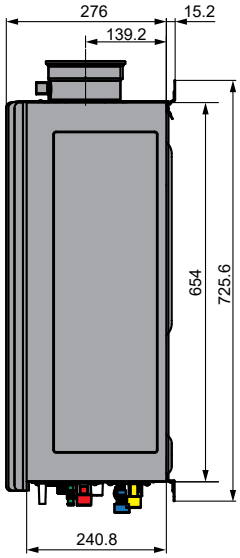
They are not suitable as a spa or swimming pool heater, or for hydronic applications.

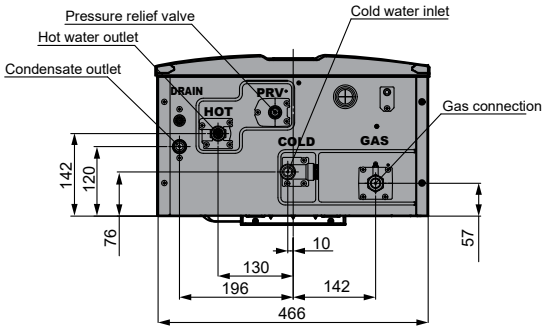
Hard or acidic water will need to be treated to use this product.

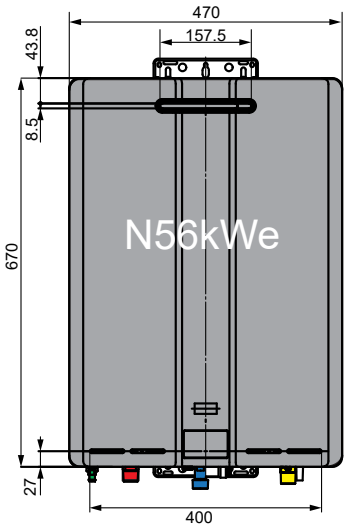
	N56kWi internal 	**N56kWe external** 
REU number	N3237FFUC-ZK	N3237WC-ZK
Code Natural Gas	INFN56FFN	INFN56N
Code LPG	INFN56FFL	INFN56L
Thermal efficiency on high	97%	97%
Hot water capacity[1]	1.5-37 L/min	1.5-37 L/min
Hot water capacity at a 25° rise	32 L/min 1920 L/h	32 L/min 1920 L/h
Input	16-209 MJ/h	16-209 MJ/h
Output	55.5 kW	55.5 kW
Weight	29 kg	29 kg
Nominal operating pressure	300-1000 kPa	300-1000 kPa
Connection - hot	R ¾ (20 mm)	R ¾ (20 mm)
Connection - cold	R ¾ (20 mm)	R ¾ (20 mm)
Connection - gas	R ¾ (20 mm)	R ¾ (20 mm)
Connection - condensate	R ½ (15 mm)	R ½ (15 mm)
Ingress protection rating	IPX5	IPX5
Noise level (1 m) away	49 dB(A)	54 dB(A)
Power consumption • **normal** • **standby** • **automatic frost protection**	 70 W (NG), 85 W (LPG) 2 W 150 W	 70 W (NG), 85 W (LPG) 2 W 100 W

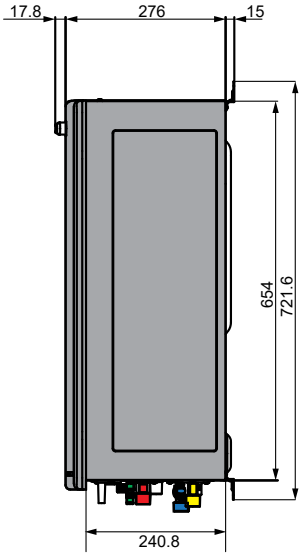
[1] The higher figures are only applicable in areas where the incoming water temperatures are high, for example 20 °C. Rather than all the water going through the heat exchanger, some of the water will go through the bypass tube allowing a greater capacity of water to be delivered.

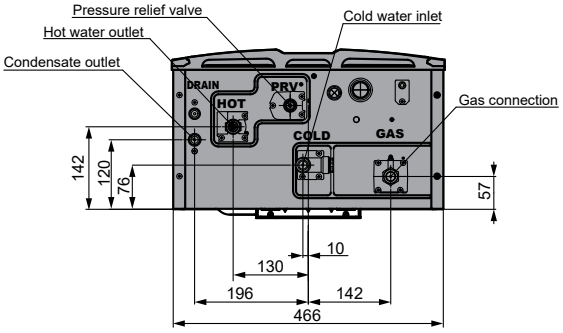










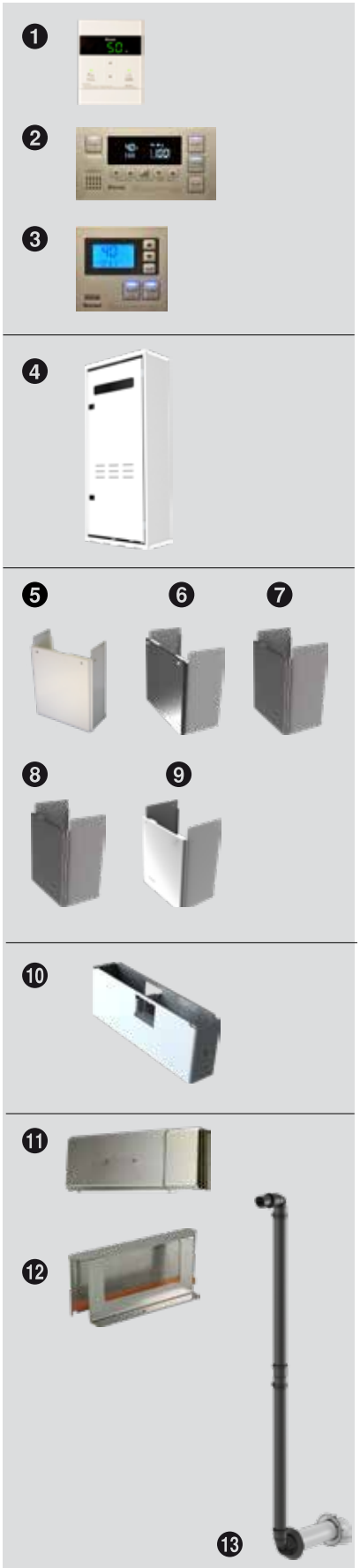


Manifolding

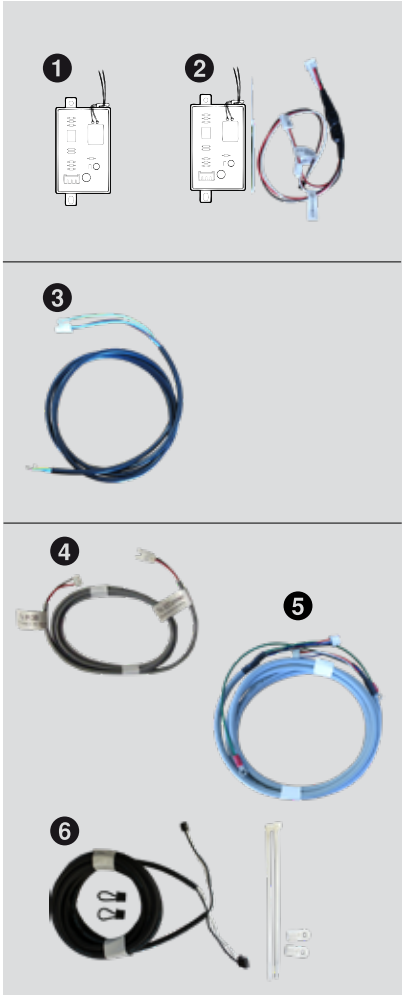
N56 models can be electronically connected (up to 24 units) using the N-Series cascade cable.

Rinnai INFINITY accessories matrix

Part number	Description	Image
CONTROLLERS		
MC601A	**Compact controller** Suitable for ALL Rinnai INFINITY units	1
BC100V1Z	**Bathroom Deluxe Controller** Suitable for ALL Rinnai INFINITY units	2
MC100V1Z	**Kitchen Deluxe Controller** Suitable for ALL Rinnai INFINITY units	3
RECESS BOX		
R1405	**Metal recess box** Suitable for all A-Series models	4
R1407	**Metal recess box** Suitable for the HD200 and EF26 models only	4
PIPE COVERS		
R1385	**White pipe cover** Suitable for all A-Series models	5
R1402SC	**HD250 pipe cover (silver)** Suitable for the HD250 model only	6
R1408SC	**HD200 pipe cover (silver)** Suitable for the HD200 and HDi200 models only	7
R1415	**N-Series pipe cover (gunmetal grey)** Suitable for the N56kWe and N56kWi models only	8
R1416	**EF26 pipe cover (white)** Suitable for the EF26 only	9
SECURITY BRACKET		
ACC1395	**Security bracket** Suitable for ALL Rinnai INFINITY units	10
FLUE DIVERTERS		
FDS16A	**Sideways flue diverter** Suitable for the A16 model only	11
FDS20	**Sideways flue diverter** Suitable for the A20 model only	11
FDS24	**Sideways flue diverter** Suitable for the A24 and A26 models only	11
FDS26E	**Sideways flue diverter** Suitable for the EF26 model only	11
FDU16	**Upwards flue diverter** Suitable for the A16 model only	12
FDU20	**Upwards flue diverter** Suitable for the A20 model only	12
FDU32	**Upwards flue diverter** Suitable for the HD250 only	12
FFP100DIV	**N-Series flue diverter** Suitable for the N56kWi internal model only	13



ERROR SWITCHES		
	Description	Image
R1070	**HD error indication switch** Suitable for HD models only	1
REUOPU3	**N-Series error indication switch** Suitable for N56kW and N56kWi models only	2
N-SERIES PUMP ACCESSORIES		
R1071	**N-Series pump cable 2 m** Suitable for N56kWe and N56kWi models only	3
CONNECTING CABLES		
REUEZC	**EZ connect cable** Suitable for HD models only	4
REUMSBM	**HD internal master manifold** Suitable for HD models only	-
REUMSBMB	**HD external master manifold** Suitable for HD models only	-
REUMSBC1	**HD manifold slave cable** Suitable for HD models only	5
REUMSBC2	**HD manifold joiner** Suitable for HD models only	-
REUCSAC1	**N-Series cascade cable** Suitable for N56kWe and N56kWi models only	6



Rinnai INFINITY internal flueing

With the introduction of the high efficiency N56kWi internal water heater, we now have three flueing options. These flueing options are specific to the model of water heater and type of installation, they **cannot be interchanged**.

Detailed in this section is a high level view of the options available and the flue components.

HDi200	N56kWi	N56kWi
Individual flueing	Individual flueing (concentric)	Common flueing
Stainless steel inner pipe and thermoplastic outer pipe	Polypropylene concentric flueing	Polypropylene common flueing
		

HDi200

Flue length (m)	Number of bends 0	1	2	3	4
1					
2					
3					
4					
5					
6					
7					
9					
11					
13					
15					

N56kWi

Flue length (m)	Number of bends 0	1	2	3	4
1					
2					
3					
4					
5					
6					
7					
8					
9					
11					
12					
14					
15					
17					
18					
20					

N56kWi

	Ø110 mm header and flue	Ø110 mm header and Ø160 mm flue
For every 90° bend used, subtract 3 m from the lengths below		
No. of water heaters	**Maximum flue length**	
2	45 m	45 m
3	45 m	45 m
4	20 m	45 m
5		45 m
6		45 m
7		21 m

Important and detailed information on each of the flueing options is available in the flueing installation guides available on www.rinnai.co.nz.

Internal flueing guidelines

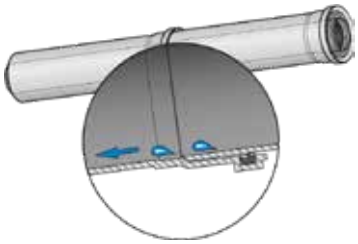
The flue terminal is to terminate in a location so as not to cause a nuisance, in accordance with AS/NZS 5601.

White plastic polypropylene (PP) flueing

WARNING This flueing must NEVER be used with the HDi200 or EFi250 units as the heat of the flue gases will melt the plastic and cause an unsafe installation.

Flue fall back to the water heater

The flue terminal in all applications must FALL BACK towards the water heater and not towards to the flue terminal. The degree in which this occurs is dependent on the flueing application, refer below.



- **Stainless steel flueing (HDi200)**
  Slope horizontal flues back towards the water heater at a 20 mm fall per meter to drain condensate.
- **PP individual flueing (N56kWi)**
  Slope horizontal flues back towards the water heater at a 25 mm fall per meter to drain condensate.
- **PP common flueing (N56kWi)**
  Slope horizontal flues back towards the water heater at a 54 mm fall per meter to drain condensate.

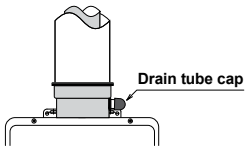
Condensate

The condensate trap (HDi200) or condensate drain (N56kWi) collects any condensate from the unit and prevents it entering the water heater and causing damage.

Condensate is a by-product of high efficiency gas combustion and is mildy acidic. For this reason copper tube and fittings must not be used as it will corrode. Instead Rinnai recommends plastic pipe and fittings such as UPVC or PE.

Handling condensate for the HDi200

A condensate trap kit (FFSSCOND) is required for lengths over 1.5 m. If flueing is less than 1.5 m the flue spigot on top of the unit is capped using the drain tube cap supplied with the unit.



Handling condensate for the N56kWi

A condensate tray kit is not needed for the N56kWi as there is a different method for draining condensate.

As there is a continuous flow of condensate being produced the unit must be drained via a pipe to a suitable discharge point. Refer to the install guide for further information.

Vertical terminations (all applications)

To ensure products of combustion are cleared adequate clearance from the building is required. The vertical cowl should have a 500 mm clearance from any part of the building. This also applies to steeped and pitched roofs, where the flue cowl should be 500 mm clear of the ridge line. An adequate flow of fresh air must exist around the flue cowl following installation.

Minimum clearances are shown in AS/NZS 5601.1.

Flue supports

Ensure the flue is supported independently of the appliance by use of suitable clips or brackets in accordance with AS/NZS 5601.

For individual stainless steel and polypropylene flueing, flue supports are supplied with each roof cowl and flue pipe. For polypropylene common flueing, flue supports are not provided with any components and must be ordered separately.

Rinnai INFINITY HDi200 internal flueing
stainless steel flue kits and components

Code	Description	Image
FFSSKIT	Direct flue kit for horizontal installations—can be cut to size. Includes black and white wall seals.	
FFSSROOFCOWL	Roof cowl for vertical installations—can be cut to size. Includes two black UV flue protectors, shown below, for covering and protecting the white flue pipe from UV damage. These can also be ordered as a spare (12693, one protector). Kit also includes a flue pipe clamp to support the flue.	
FFSSPIPE1000	1000 mm flue pipe—can be cut to size. Includes Munzing ring to support the flue.	
FFSSBEND90	Single 90 degree bend.	
FFSSBEND45	Two 45 degree bends, sold as a pair.	
FFSSCOND	Condensate trap kit for the HDi200 ONLY. Comes with approximately 500 mm of black rubber hose, refer image below.	

Horizontal terminal

Roof cowl

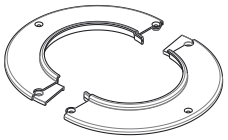
90° bend

Photo 45° bends

UV protector

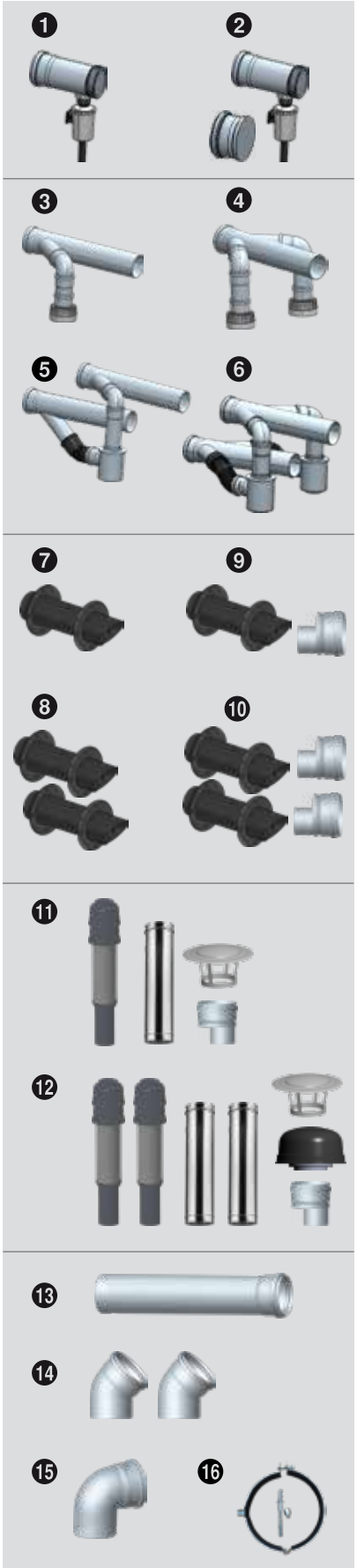
Condensate trap kit

Rinnai INFINITY N56kWi concentric flueing
polypropylene flue kits and components

Code	Description	Image
FFP100HKIT	Direct flue kit for horizontal installations—can be cut to size. Includes horizontal adapter, black and white wall seals and a tube of centrocerin lubricant.	
FFP100VKIT	Vertical termination kit—can be cut to size. Includes the vertical adapter, which reduces the flue diameter from Ø80/120 mm to Ø60/100 mm, and black UV flue protectors, for covering and protecting the white flue pipe from UV damage. Also includes a flue clamp to support the flue, and a tube of centrocerin lubricant.	
FFP1000PIPE	1000 mm flue pipe—can be cut to size. Includes Munzing ring to support the flue.	
FFP100HADAPT	Horizontal adapter 60/100, required in combination flueing where the flue starts off horizontally. The horizontal adapter connects into the flue spigot of the N56kWi.	
FFP100BEND	Two 45 degree bends, sold as a pair. One 90° bend equates to 3 m, and one 45° equates to 1.1 m.	
FFP100BRACKET	Flue bracket support—white. Purchased if additional support is required. Every length of flue should be supported. Please note: The FFP100BRACKET is supplied with each flue pipe.	
FFP100PLATE	Inside wall plate—internal white wall plate/ seal, used to tidy up any installation work. Comes as part of the FFP100HKIT, but can be ordered for other flueing applications. Comes in two pieces.	
CF790025	Centrocerin lubricant. Water soluble lubricant designed to ease assembly of flue components. Other lubricants are not suitable as they will damage the flue. Please note: This comes with the horizontal and vertical flue kits.	

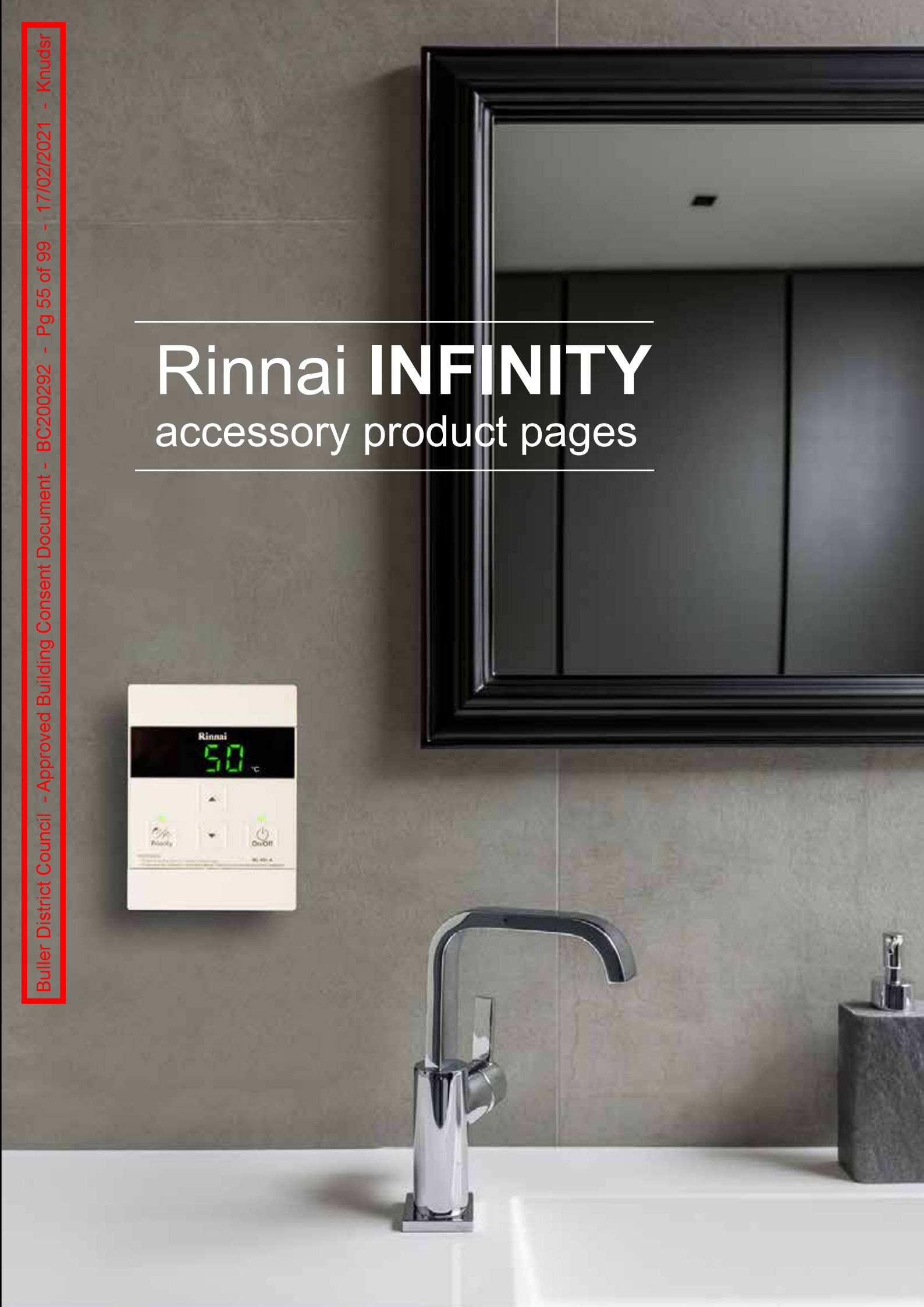
Rinnai INFINITY N56kWi common flueing
polypropylene flue kits and components

Starter kits, one starter kit is required for each application		
Code	**Description**	**Image**
CFKRS110	Room air starter kit 110 mm. Contains; room air vent, condensate trap, and centrocerin lubricant.	1
CFKOS110	Outside air starter kit 110 mm. Contains; room air vent, end cap, condensate trap, and centrocerin lubricant.	2
Header connection kits • inline, one kit for each water heater • back-to-back, one kit for every two water heaters		
CFKRCS110	Room air inline connection kit. Contains; collector Ø110 mm 1-branch, 90° bend, extension 500 mm, room air adapter.	3
CFKRCB110	Room air back-to-back connection kit. Contains; collector Ø110 mm 2-branch, 90° bend (x2), extension 500 mm (x2), room air adapter (x2).	4
CFKOCS110	Outside air inline connection kit. Contains; collector Ø110 mm 1-branch (x2), 90° bend, extension 500 mm, outside air adapter and rubber flex.	5
CFKOCB110	Outside air back-to-back connection kit. Contains; collector Ø110 mm 2-branch (x2), 90° bend (x2), extension 500 mm (x2), room air adapter (x2)	6
Horizontal termination kits		
CFKRWT110	Room air Ø110 mm horizontal termination kit	7
CFKOWT110	Outside air Ø110 mm horizontal termination kit	8
CFKRWT160	Room air Ø160 mm horizontal termination kit, includes flue adapter	9
CFKOWT160	Outside air Ø160 mm horizontal termination kit, includes flue adapters	10
Vertical termination kits		
CFKRVT160	Room air Ø160 mm vertical termination kit. Contains; vertical terminal, stainless UV sleeve, exhaust rain cap, Ø110-160 mm adapter.	11
CFKOVT160	Outside air Ø160 mm vertical termination kit. Contains; vertical terminal (x2), stainless UV sleeve (x2), exhaust rain cap, intake rain cap, Ø110-160 mm adapter.	12
Common parts		
CF790028	Flue pipe Ø110 mm	13
CF790089	Flue pipe Ø160 mm	13
CF790026	45 ° bends Ø110 mm	14
CF790086	45 ° bends Ø160 mm	14
CF790087	90 ° bend Ø160 mm	15
CF790091	Flue support Ø110 mm	16
CF790092	Flue support Ø160 mm	16



Rinnai **INFINITY**

accessory product pages



Digital controllers

With a Rinnai INFINITY controller you choose your own personalised settings. Just select the water temperature you want between 37-55 °C in up to four different locations.

Why have controllers?

- Safety feature for young children, control the temperature coming out of the hot water tap.
- Reduce temperature fluctuations when other taps are used in the house.
- An extra two year warranty on your Rinnai INFINITY when controllers are installed.
- Use as a troubleshooting diagnostic tool, error codes will display when there is a problem with the INFINITY

Controller configurations

For residential applications a maximum of four (three for the N-Series) can be fitted, with the following provisos:

- Only one Kitchen Deluxe controller—only installed if a Bathroom Deluxe controller is installed
- Maximum of two Bathroom Deluxe controllers
- Only one controller can be set to deliver 55 °C, this cannot be a controller in a bathroom

Each controller can be individually programmed, but the water heater can only deliver one set temperature at any time. For example, John is in the shower and has set the controller to 42 °C. Megan can only change the programmed temperature at the kitchen once John is out of the shower.

	Compact controller	**Bathroom Deluxe controller**	**Kitchen Deluxe controller**
			
Code	MC601A	BC100V1Z	MC100V1Z
Colour	Off-white	Silver	Silver
Dimensions	H - 120 mm W - 90 mm D - 20 mm	H - 97 mm W - 195 mm D - 20 mm	H - 120 mm W - 128 mm D - 20 mm
Suitable for	Anywhere in the house	Bathrooms[1]	Kitchens and laundries[2]
Cable	Comes with 10 m of cable	Comes with 10 m of cable	Comes with 10 m of cable
Additional cable	Additional 10 m cable R1069	Additional 10 m cable R1069	Additional 10 m cable R1369

[1] Set the desired temperature and water level and walk away. A voice message will let you know when your bath is ready. If you have other deluxe controllers around the house the message will play on all of them.

[2] The Kitchen Deluxe controller is designed to be used in conjunction with the Bathroom Deluxe controllers.

Water temperature control
Only the Kitchen Deluxe controller can be designated as the master water controller, typically, as the name suggests, the location for this is in the kitchen. All the remaining controllers are designated sub-controllers and are for use in bathrooms, toilets, and laundries. The maximum temperature for sub-controllers is 50 °C, to minimise the risk of burns.

Any controller that has priority is capable of setting the water temperature to be delivered. Priority can only be given to one controller at a time, and changing priority can only be done when all hot water taps have been closed.

Available controller temperatures are:

Controller	Temperature °C
Kitchen	37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48, 50, 55, 60*, 65*, 75*
Bathroom (hot water)	37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48, 50
Bathroom (bath fill)	37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48

* Some Rinnai water heaters can be programmed to deliver higher temperatures from the master water controllers, i.e. in commercial applications

To obtain water temperatures lower than 37 °C, open the cold water tap and add cold water until the desired lower temperature is reached.

Controllers are not suitable for all installations
Some limitations and exclusions to be aware of:

- If an EZ Connect cable is used, the bath fill function on the Bathroom Deluxe controller won't work
- Controllers cannot be used with Rinnai INFINITY units connected to a solar system as they are not compatible with the higher temperatures coming from the INFINITY (dip switch change from 55 to 75 °C).
- Controllers are not suitable for ring main applications using N-Series models

Metal recess box

A recess box enables an external continuous flow water heater to be partially or fully recessed into an external wall, covered, and out of sight.

Positioning

A Rinnai INFINITY unit positioned inside a recess box operates at a slightly louder level than a Rinnai INFINITY installed on an outside wall. Please keep this in mind if positioning near a bedroom as the operating noise could affect some people.

Building code compliance

Local councils may have their own requirements regarding a recess box installation, as it is similar in detail to installing a meter box. If in doubt over compliance, it is advisable to consult the local council prior to installation.

Suitability

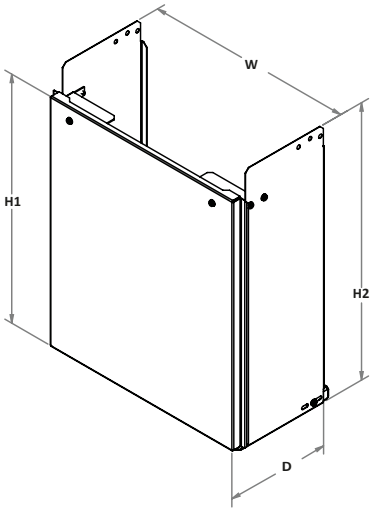
- Outdoor installations only
- New construction or major renovation—installation needs to commence during the framing stage and before internal linings, cladding, or building wrap is applied

Code	R1405	R1407
Construction	Folded galvanised steel, powder coated white—can be painted to match the exterior cladding.	
Colour	White	White
Dimensions	H - 945 mm W - 417 mm D - 205 mm	H - 945 mm W - 514 mm D - 270 mm
Suitable for - current range	Current A-Series units (A16, A20, A24, A26)	Current HD200 and HD250 EF26
Suitable for - discontinued range	Discontinued VT range (VT16, VT20, VT24, VT26)	Soon to be discontinued EF24

Pipe covers

If you want a clean smooth finish to the installation, the Rinnai INFINITY pipe cover can be used to cover pipes, valves, and even the external power point. There are five pipe cover kits that vary in size and colour depending on the model.

The pipe cover kits are sold as a flat pack and require assembly. With our current range of water heaters assembly can be done by the homeowner—this is because assembly does not require taking the cover off the water heater.



	A-Series pipe cover	HD250 pipe cover	EF26 pipe cover	HD200 / HDi200 pipe cover	N-Series pipe cover
Code	R1385	R1402SC	R1416	R1408SC	R1415
Colour	White	Silver	White	Silver	Gunmetal grey
Suitable for	A16, A20, A24, A26	Current model REU-VR3237-WG	EF26	REU models: - VRM2632WC - VR2632FFUG	N56kWi and N56kWe
Dimensions	H1 - 394 mm W - 334 mm D - 167 mm H2 - 438 mm	H1 - 394 mm W - 453 mm D - 230 mm H2 - 428 mm	H1 - 450 mm W - 350 mm D - 186 mm H2 - 496 mm	H1 - 394 mm W - 334 mm D - 230 mm H2 - 448 mm	H1 - 450 mm W - 465 mm D - 243-254 mm H2 - 465 mm

Note
H1 is the height of the panel in the front, H2 is the height of the panel in the back, refer line drawing above.

Sideways and upwards flue diverters

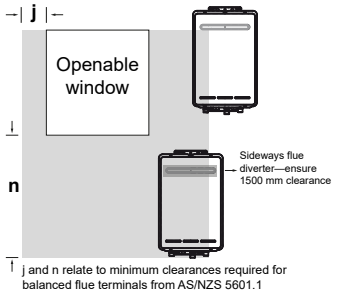
Sideways diverter pictured (EF26 sideways diverter differs to that pictured)

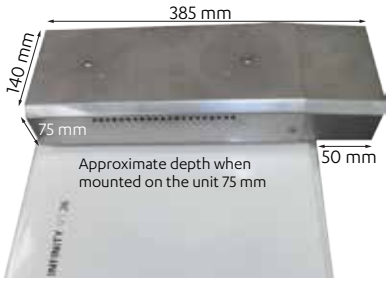
Rinnai flue diverters are an accessory that can be fitted to an external Rinnai INFINITY to expel combustion gases in either a sideways or upwards direction. The flue diverter is fitted to the flue terminal of the water heater. If fitted, the flue diverter MUST remain as a permanent fixture as removal could mean the water heater position no longer complies with AS/NZS 5601.1.

Specific application examples

Noise reduction, where the unit is positioned close to a neighbouring property.

Where there may be an obstruction such as a tree, fence, wall, or other structure, that even through the Rinnai INFINITY is installed with the required clearances, will perform more efficiently if the flue gases are expelled away from the obstruction.



Sideways flue diverters				
Code	FDS16A	FDS20	FDS24	FDS26E
Suitable for	A16	A20	A24/26	EF26
Applications	• Where clearance to an openable window or other building structure is tight, the clearance shifts to the point of discharge, close to the edge of the water heater, refer image below. • Externally mounted Rinnai INFINITY water heaters NOT installed in a recess box. • External single water heater applications, can be installed for a left or right handed installation. • Balconies, patios or enclosed areas were products of combustion can be rapidly dispersed into the open air.			
Dimensions	 **A-Series sideways diverter**		 **EF26 sideways diverter**	

Upwards flue diverters				
Code	FDU16	FDU20	FDU24	FDU32
Suitable for	A16	A20	A24/A26	HD250
Applications	• Externally mounted Rinnai INFINITY water heaters NOT installed in a recess box. • Balconies, patios or enclosed areas were products of combustion can be rapidly dispersed into the open air. • Commercial application, where multiple units are positioned facing each other, there is the potential for units to suffocate from the flue gases directly opposite. With an upwards flue diverter the gases can be expelled upwards and away from the units.			

N-Series N56kWi internal flue diverter kit

The N56kWi internal flue diverter (black UV resistant PVC) is a flue accessory kit that allows you to move the flue terminal position up and away from the air intake by up to 1.5m.

It is designed for when a traditional horizontal terminal cannot be installed due to the flue being a nuisance or due to flue restrictions. It works in conjunction with the horizontal flue terminal (part FFP100HKIT).

Flue diverter kit includes:

- 90 ° elbows (x2)
- connecting flue pipe 1000 mm
- flue extension 695 mm
- wall brackets (x3)

Code	FFP100DIV
Construction	The N56kWi (internal) flue diverter is manufactured from polypropylene. It has been tested and can ONLY BE used with the Rinnai INFINITY N56kWi water heater.
Installation	If you don't need to extend the full 1.5 m, you can just use the connecting pipe.

Security bracket

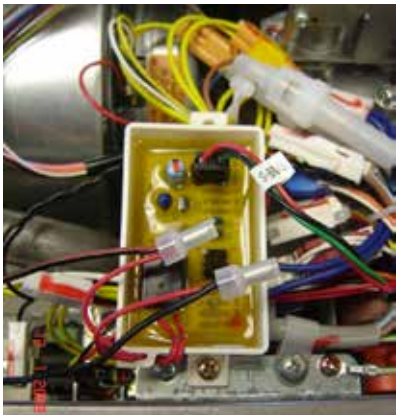
A sturdy security bracket can be installed to act as a deterrent to thieves. Consisting of two U-shaped 2 mm powder coated galvanised steel plates, which interlock through the lower bracket of the Rinnai INFINITY. The bracket is secured with a padlock (not included).

Ideal for builders who need to protect the Rinnai INFINITY before the home is sold or handed over to the new owners.

Colour is off-white—can be painted.

Code	ACC1395
Suitable for	All Rinnai INFINITY continuous flow gas water heaters—can be retrofitted to existing installations. Can be installed on all cladding systems, like weatherboard, brick, and plaster. Can also be installed inside a recess box.
Dimensions	• Height - 70 mm • Width - 190 mm • Depth - 33.5 mm
How it works	The bracket prevents access to the bolts fixing the unit to the wall, this locks the lower section of the INFINITY in place, and prevents the unit from being quickly removed from the wall.

Commercial error switch



The Rinnai INFINITY error indication switch is a volt-free, normally open switch. The switch will shift to a closed position when there is an active error in the water heater.

The switch is intended to be connected to a monitoring system such as a building management system, or audible error indication system.

System designers should note that some errors will reset an inactive (open) state under particular conditions. It is important that this is clearly understood when developing monitoring and response systems.

Code	• R1070 (HD models) • REUOPU3 (N-Series)
Suitable for	Suitable for commercial applications with the HD200, HDi200, N56kWi, and N56kWe.
Load switching	Will switch the following maximum loads. Systems requiring loads greater than this should be configured via an external relay. • Voltage (AC or DC) → 24 Volts • Current → 1 Amp

HD EZ connect cable

The EZ connect cable allows two Rinnai INFINITY HD water heaters to be connected so they can function as one large unit.

The water heaters can be installed 5-460 mm apart. The maximum distance of 460 mm is so the cable will reach between the units, and to prevent temperature fluctuations when the water is turned on and off.

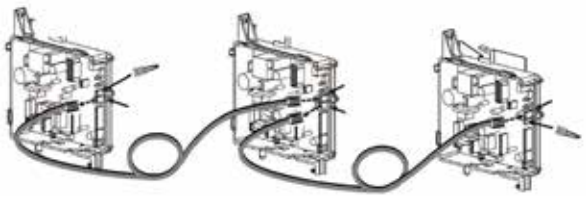
Installation by a certified tradesperson is required.

Code	REUEZC
Cable length	1850 mm
Suitable for	Suitable for the HD200 external, HDi200 internal, and HD250 Rinnai INFINITY water heaters. **Please note** The bath fill function on the Bathroom Deluxe controller will not work if an EZ connect cable is fitted.

N-Series cascade cable 3 m

With the use of the cascade cable, up to 24 N-Series water heaters can be electronically connected.

This connection will rotate the water heater operation order to ensure equal usage of each appliance and enable all water heaters connected to modulate operation and function as one hot water source.



Code	REUCSAC1
Suitable for	Suitable for the N-Series water heaters. One cable is required for each water heater. Cable kit includes: • One cable • Two cascade jumpers • Two cable ties and two cable tie clamps

N-Series pump cable 2m

The N-Series water heaters have the ability to control a circulation pump (ring main application) with the use of a pump cable connector. This allows hot water to cycle through the ring main, ensuring hot water is quickly available when a tap is opened.

Cable is UV resistant and rated for outdoor installation.

Code	R1071
Suitable for	• Single unit N56 domestic installation • Commercial / showerblock installations with multiple N56 units as specified by Rinnai commercial **Please note:** Rinnai INFINITY digital controllers are not compatible with the N-Series pump cable and ring main applications.

INFINITY HD manifolding

Rinnai INFINITY HD units can be manifolded together, in banks of five (up to 25 units), by connecting them together in parallel to enable a greater hot water flow rate than is possible with a single unit.

A manifold electronic control system (MECS) links each HD unit in the system, and will turn on each unit as required. The system is designed to ensure gas is not wasted and that an endless supply of hot water is always available.

How it works

A master, located internally or externally, and sub-communication PCB is installed in the first unit, other units have a sub-communication slave cable installed. The master communication PCB receives information about flow rates from each unit and balances the load on each unit.

Random selection of the units required to supply the demands means all units share the workload evenly.

All information is transmitted via communication cables to the slave units. The master control also has an inbuilt fault detection system and will allocate a replacement should one unit fail.

MECS	**Master PCB**		**Slave**	**Joiner**
Position	INSIDE the INFINITY **OR**	OUTSIDE the INFINITY	REUMSBC1	REUMSBC2
Code	REUMSBM	REUMSBMB		
Number of water heaters				
2	1	1	-	-
3	1	1	1	-
4	1	1	2	-
5	1	1	3	-
6	2	2	2	1
7	2	2	3	1
8	2	2	4	1
9	2	2	5	1
10	2	2	6	2
11	3	3	5	2
12	3	3	6	2
13	3	3	7	2
14	3	3	8	2
15	3	3	9	2
16	4	4	8	3
17	4	4	9	3
18	4	4	10	3
19	4	4	11	3
20	4	4	12	3
21	5	5	11	4
22	5	5	12	4
23	5	5	13	4
24	5	5	14	4
25	5	5	15	4

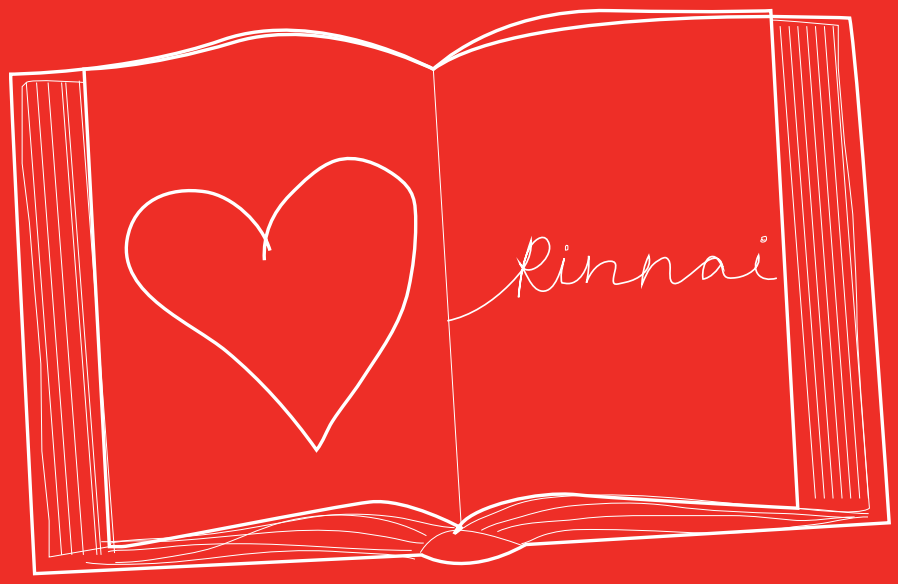
Suitability

- HD200 external REU-VRM2632WC
- HDi200 internal REU-VR2632FFUG
- HD250 external REU-VR3237WG

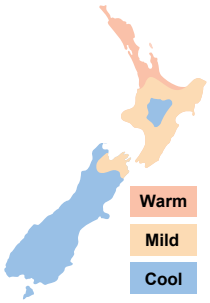
Codes

- REUMSBM internal master manifold kit for a connection made inside the unit
- REUMSBMB external master manifold kit for a connection made outside the unit
- REUMSBC1 manifold slave cable
- REUMSBC2 joiner for greater than five manifolded HD units

Appendices



Appendix 1
water flow and gas usage



When determining the Rinnai INFINITY model it's important to know what the incoming water temperature will be—this is usually calculated on the worst case scenario (winter), This temperature is needed to work out the temperature rise to produce the hot water needed.

Approximate incoming water temperatures in winter

- Northland and Auckland — use 15 °C
- BOP, Gisborne, and Hawkes Bay — use 10 °C
- Waikato, and South Island (excl. Nelson & Marlborough) — use 5 °C

Degree temperature rise

In the specification pages for the Rinnai INFINITY models we express a parameter called 'nominal water capacity'. This means at a 25 ° rise, the unit will produce a certain number of litres per minute of hot water.

For example:

- The A26 external will produce 26 litres per minute at a 25 ° rise
- The A24 external will produce 24 litres per minute at a 25 ° rise

Using the above example, for incoming water at 10 °C and a required temperature of 55 °C, the A26 external will produce 14.4 litres per minute at a 45 ° rise (55-10), and the A24 external will produce 13.3 litres per minute at a 45 ° rise.

Water flow and gas usage table Rinnai INFINITY A-Series and EF26
temperature preset to 55 °C or less

		5 ° temperature rise				10 ° temperature rise			
Model	Approx. min. to max. gas input (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)
A16	16.3-124	20	1200	100	31.0	20	1200	100	62.0
A20	19.9-156	24	1440	140	37.2	24	1440	140	74.4
A24	16.3-184	26	1560	180	40.3	26	1560	180	80.6
A26	16.3-199	26	1560	180	40.3	26	1560	180	80.6
EF26	16.3-175	26	1560	210	35.7	26	1560	210	71.4
		15 ° temperature rise				**20 ° temperature rise**			
A16	16.3-124	20	1200	100	93.0	20	1200	100	124.0
A20	19.9-156	24	1440	140	111.6	24	1440	140	148.8
A24	16.3-184	26	1560	180	120.9	26	1560	180	161.2
A26	16.3-199	26	1560	180	120.9	26	1560	180	161.2
EF26	16.3-175	26	1560	210	107.1	26	1560	210	142.7
		25 ° temperature rise				**30 ° temperature rise**			
A16	16.3-124	16	960	60	124.0	13.3	800	45	124.0
A20	19.9-156	20	1200	100	156.0	16.7	1000	70	156.0
A24	16.3-184	24	1440	145	184.0	20.0	1200	100	184.0
A26	16.3-199	26	1560	180	199.0	21.7	1300	110	199.0
EF26	16.3-175	26	1560	210	175.0	21.7	1300	150	175.0
		35 ° temperature rise				**40 ° temperature rise**			
A16	16.3-124	11.4	686	30	124.0	10.0	600	25	124.0
A20	19.9-156	14.3	857	45	156.0	12.5	750	42	156.0
A24	16.3-184	17.1	1029	70	184.0	15.0	900	45	184.0
A26	16.3-199	18.6	1114	90	199.0	16.3	975	70	199.0
EF26	16.3-175	18.6	1114	100	175.0	16.3	975	90	175.0
		45 ° temperature rise				**50 ° temperature rise**			
A16	16.3-124	8.9	533	20	124.0	8	480	18	124.0
A20	19.9-156	11.1	667	35	156.0	10	600	30	156.0
A24	16.3-184	13.3	800	45	184.0	12	720	40	184.0
A26	16.3-199	14.4	867	50	199.0	13	780	45	199.0
EF26	16.3-175	14.4	867	70	175.0	13	780	60	175.0

Water flow and gas usage table Rinnai INFINITY HD models
temperature preset to 55 °C or less

		5 ° temperature rise				10 ° temperature rise			
Model	Approx. min. to max. gas input (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)
HD200	16-199	32	1920	200	47.8	32	1920	200	95.7
HDi200	16-195	32	1920	200	47.8	32	1920	200	95.7
HD250	20-250	37	2220	200	55.3	37	2220	200	110.6
		15 ° temperature rise				**20 ° temperature rise**			
HD200	16-199	32	1920	200	143.5	32	1920	200	199.0
HDi200	16-195	32	1920	200	143.5	32	1920	200	195.0
HD250	20-250	37	2220	200	165.9	37	2220	200	250.0
		25 ° temperature rise				**30 ° temperature rise**			
HD200	16-199	26	1560	200	199.0	21.7	1302	112.5	199.0
HDi200	16-195	26	1560	200	195.0	21.7	1302	112.5	195.0
HD250	20-250	32	1920	140	250.0	26.7	1602	100	250.0
		35 ° temperature rise				**40 ° temperature rise**			
HD200	16-199	18.6	1116	75	199.0	16.3	978	60	199.0
HDi200	16-195	18.6	1116	75	195.0	16.3	978	60	195.0
HD250	20-250	22.9	1374	60	250.0	20	1200	50	250.0
		45 ° temperature rise				**50 ° temperature rise**			
HD200	16-199	14.4	864	45	199.0	13	780	40	199.0
HDi200	16-195	14.4	864	45	195.0	13	780	40	195.0
HD250	20-250	17.8	1068	40	250.0	16	960	40	250.0

Water flow and gas usage table Rinnai INFINITY HD models
temperature preset to 75 °C or less

		5 ° temperature rise				10 ° temperature rise			
Model	Approx. min. to max. gas input (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)
HD200	16-199	24	1440	200	34.8	24	1440	200	72.9
HDi200	16-195	24	1440	200	34.8	24	1440	200	72.9
HD250	20-250	24	1440	200	36.4	24	1440	200	72.9
		15 ° temperature rise				**20 ° temperature rise**			
HD200	16-199	24	1440	200	104.3	24	1440	200	139.0
HDi200	16-195	24	1440	200	104.3	24	1440	200	139.0
HD250	20-250	24	1440	200	109.3	24	1440	200	145.7
		25 ° temperature rise				**30 ° temperature rise**			
HD200	16-199	24	1440	200	173.8	21.7	1302	112.5	199.0
HDi200	16-195	24	1440	200	173.8	21.7	1302	112.5	195.0
HD250	20-250	24	1440	200	182.2	24	1440	140	250.0
		35 ° temperature rise				**40 ° temperature rise**			
HD200	16-199	18.6	1114	75	199.0	16.3	975	60	199.0
HDi200	16-195	18.6	1114	75	195.0	16.3	975	60	195.0
HD250	20-250	22.9	1371	130	250.0	20.0	1200	100	250.0
		45 ° temperature rise				**50 ° temperature rise**			
HD200	16-199	14.4	867	45	199.0	13.0	780	40	199.0
HDi200	16-195	14.4	867	45	195.0	13.0	780	40	195.0
HD250	20-250	17.8	1067	80	250.0	16.0	960	70	250.0
		55 ° temperature rise				**60 ° temperature rise**			
HD200	16-199	11.8	709	36	199.0	10.8	650	33	199.0
HDi200	16-195	11.8	709	36	195.0	10.8	650	33	195.0
HD250	20-250	14.5	873	50	250.0	13.3	800	45	250.0
		65 ° temperature rise				**70 ° temperature rise**			
HD200	16-199	10	600	31	199.0	9.3	557	29	199.0
HDi200	16-195	10	600	31	195.0	9.3	557	29	195.0
HD250	20-250	12.3	738	40	250.0	11.4	686	35	250.0
		75 ° temperature rise				**80 ° temperature rise**			
HD200	16-199	8.7	520	29	199.0	8.1	488	29	199.0
HDi200	16-195	8.7	520	29	195.0	8.1	488	29	195.0
HD250	20-250	10.7	640	30	250.0	10.0	600	25	250.0

Water flow and gas usage table Rinnai INFINITY N-Series
temperature preset to 55 °C or less

		5 ° temperature rise				10 ° temperature rise			
Model	Approx. min. to max. gas input (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)
N56kWi	16-209	37.0	2220	300	48	37.0	2220	300	96
N56kWe	16-209	37.0	2220	300	48	37.0	2220	300	96
		15 ° temperature rise				**20 ° temperature rise**			
N56kWi	16-209	37.0	2220	300	144	37.0	2220	300	192
N56kWe	16-209	37.0	2220	300	144	37.0	2220	300	192
		25 ° temperature rise				**30 ° temperature rise**			
N56kWi	16-209	32.0	1920	300	209	26.7	1600	300	209
N56kWe	16-209	32.0	1920	300	209	26.7	1600	300	209
		35 ° temperature rise				**40 ° temperature rise**			
N56kWi	16-209	22.9	1371	270	209	20.0	1200	170	209
N56kWe	16-209	22.9	1371	270	209	20.0	1200	170	209
		45 ° temperature rise				**50 ° temperature rise**			
N56kWi	16-209	17.8	1067	140	209	16.0	960	110	209
N56kWe	16-209	17.8	1067	140	209	16.0	960	110	209

Approximate gas consumption
Thermal efficiency calculation based on 97% from star rating test.

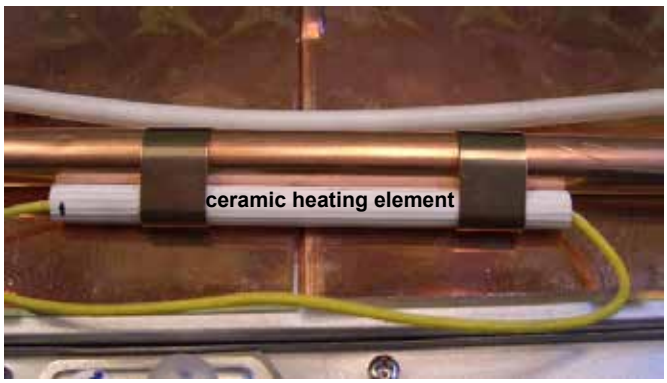
Pressure loss through unit
- Temperature rise 5-25 °C assumes set temperature of 37 °C → bypass fully open
- Temperature rise 30-50 °C assumes set temperature of 55 °C → bypass fully closed, actual pressure loss will be lower

Water flow and gas usage table Rinnai INFINITY N-Series
temperature preset to 75 °C or less

		5 ° temperature rise				10 ° temperature rise			
Model	Approx. min. to max. gas input (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)	L/min	L/h	Pressure loss through unit (kPa)	Approx. gas consumption (MJ/h)
N56kWi	16-209	23.0	1380	300	30	23.0	1380	300	60
N56kWe	16-209	23.0	1380	300	30	23.0	1380	300	60
		15 ° temperature rise				**20 ° temperature rise**			
N56kWi	16-209	23.0	1380	300	89	23.0	1380	300	119
N56kWe	16-209	23.0	1380	300	89	23.0	1380	300	119
		25 ° temperature rise				**30 ° temperature rise**			
N56kWi	16-209	23.0	1380	300	149	23.0	1380	300	179
N56kWe	16-209	23.0	1380	300	149	23.0	1380	300	179
		35 ° temperature rise				**40 ° temperature rise**			
N56kWi	16-209	22.9	1371	270	209	20.0	1200	170	209
N56kWe	16-209	22.9	1371	270	209	20.0	1200	170	209
		45 ° temperature rise				**50 ° temperature rise**			
N56kWi	16-209	17.8	1067	140	209	16.0	960	110	209
N56kWe	16-209	17.8	1067	140	209	16.0	960	110	209
		55 ° temperature rise				**60 ° temperature rise**			
N56kWi	16-209	14.5	873	90	209	13.3	800	80	209
N56kWe	16-209	14.5	873	90	209	13.3	800	80	209
		65 ° temperature rise				**70 ° temperature rise**			
N56kWi	16-209	12.3	738	65	209	11.4	686	55	209
N56kWe	16-209	12.3	738	65	209	11.4	686	55	209
		75 ° temperature rise				**80 ° temperature rise**			
N56kWi	16-209	10.7	640	50	209	10.0	600	45	209
N56kWe	16-209	10.7	640	50	209	10.0	600	45	209

Appendix 2
Rinnai INFINITY inbuilt frost protection

Frost protection is fitted as standard on all Rinnai INFINITY models. Frost protection operates automatically, as required, whenever the appliance is connected to power.



How frost protection works
When the temperature inside the unit drops below 3.5 °C the frost protection turns on, providing heat via electricity. Once the temperature inside the unit reaches 7 °C the frost protection switches itself off.

The heat, provided by strategically placed ceramic heating elements, stops the water from freezing within the pipework of the unit.

As frost protection requires electricity to run, it is important that the unit is connected to the power supply at all times. If left off in an area prone to frost Rinnai recommend draining the appliance to prevent frost damage (not covered by warranty).

Appendix 3
gas boosted solar

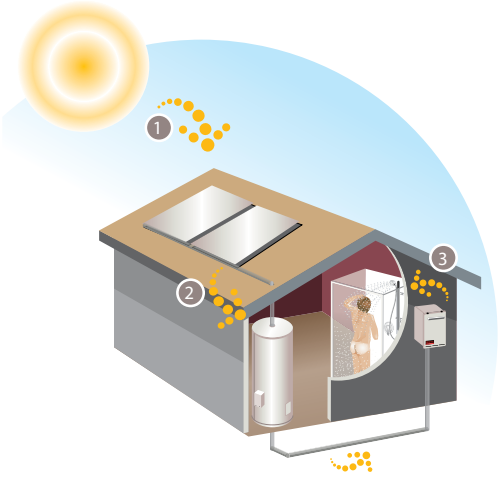
Rinnai INFINITY HD models[1] can be easily plumbed to provide additional heat to a solar hot water system to heat water when solar hot water is not available.

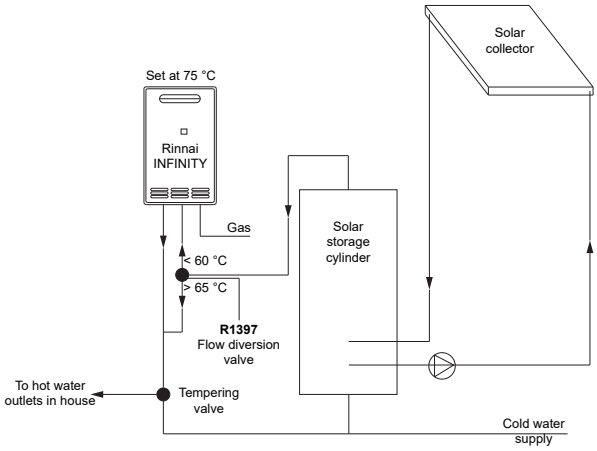
How a gas boosted system works

1. The sun's rays heat water in the solar panels.
2. Hot water from the panels is stored in the cylinder.
3. If the water is too cold, the Rinnai INFINITY gas boost heats the water on demand as it travels from the cylinder to the tap.

The size of the Rinnai INFINITY depends on the number of bathrooms, select the Rinnai INFINITY model as if solar hot water was not available.

[1] N-Series models are also suitable for solar installations, but are not as economical as HD models—there is no gain by having a condensing water heater, as in a solar application, the water is already pre-heated





Recommended system layout using a Rinnai INFINITY and flow diversion valve

Appendix 4

LPG gas bottle consumption and cylinder clearances

LPG gas bottle consumption

We often get asked about how long a gas bottle will last when running a gas appliance. Using the calculation below you can work this out yourself.

LPG gas bottle energy calculation

1 kg of LPG gas contains 50.4 MJ of energy. This means that a 45 kg LPG has bottle has 45 kg x 50.4 MJ = 2268 MJ. This calculation works for different gas bottle sizes, here are the most common:

- 9 kg = 453.6 MJ
- 45 kg = 2268 MJ
- twin pack = 4536 MJ (two 45 kg bottles)

Calculating how long an LPG bottle will last

To work out how many hours an LPG bottle will last you need to divide the energy (MJ) of the gas bottle by the total MJ input of the appliance.

For example
A household has an A26 installed which runs approximately 20 minutes a day, three five minute showers and intermittent use of vanity and kitchen taps (approx. five minutes).

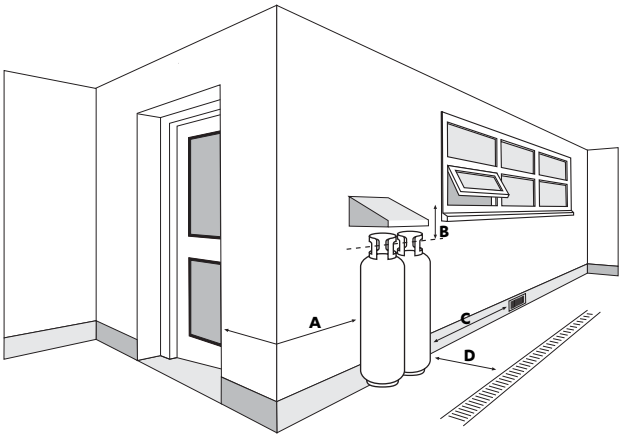
- 2268 ÷ 199 MJ/h (maximum input of unit) = 11.40 hours (running at full capacity)
- 11.40 hours x 60 minutes = 684 minutes
- 684 minutes ÷ 20 minutes (use per day) = 34.2 days (approx. one 45 kg per month)

The above example is based on the unit operating at a maximum flow rate and MJ/h input (26 L/min and 199 MJ/h). In the real-world this won't be the case as the flow rate and gas consumption when using vanity and kitchen taps is much lower (2.4 L/min and 13 MJ/h), so in reality the gas bottle will last a little longer.

Please note: This doesn't factor other gas appliances in the house.

For more information you can search the internet (how long will a 45 kg gas bottle last) as there are additional resources and blogs available.

Overview of LPG cylinder clearances



A	Min. clearance to a door	1 m
B	Min. clearance to an openable window	150 mm
C	Min. clearance to an air vent or opening	1 m
D	Min. clearance to a drain	1 m

The above diagram is a modified version of a drawing originally produced by ongas (www.ongas.co.nz). It is intended to provide an overview of the general clearances required for LPG cylinders.

For detailed information relating to LPG cylinder placement it is advisable to consult a licensed gasfitter, your nearest LPG cylinder supplier, or consult AS/NZS 5601.1 Gas Installations.

Appendix 5
Rinnai INFINITY Limited Warranty

Rinnai warranty summary table

This warranty is applicable from all Rinnai INFINITY continuous flow water heaters manufactured from 2019 onwards. All terms of the warranty, subject to the conditions below, are effective from the date of first installation. The attending service person reserves the right to verify this by requesting a copy of the gas certificate of compliance prior to commencement of any warranty work. Proof of purchase and installation date will be required at the time of any warranty claim. This warranty is only valid within the country of purchase.

		HEAT EXCHANGER		ALL OTHER PARTS	
Rinnai INFINITY	**Application**	**Parts**	**Labour**	**Parts**	**Labour**
EF26 and A-Series models	Residential WITHOUT controllers	10 years pro rata[1]	3 years	3 years	3 years
	Residential WITH controllers	12 years pro rata[1]	3 years	5 years	3 years
	Commercial	1500 hours or 1 year[2]	1500 hours or 1 year[2]	1500 hours or 1 year[2]	1500 hours or 1 year[2]
HD and N-Series models	Residential	12 years pro rata[1]	3 years	5 years	3 years
	Commercial	5000 hours or 3 years pro rata[2]	1500 hours or 1 year[2]	1500 hours or 1 year[2]	1500 hours or 1 year[2]

[1] Under a pro rata warranty, if the heat exchanger fails before the end of the warranty, Rinnai will replace the heat exchanger at a cost that depends on the age of the heat exchanger at the time of the fault. For further details refer to the pro rata table on p.46.

[2] Whichever comes first

Residential application

A residential application is defined as an installation where a continuous flow unit is set to 55 °C[3] or lower, delivering hot water to a single residential dwelling (not used for commercial purposes[4]).

All other installations are defined as commercial applications.

For constant use applications, such as circulating ring mains, the water heater, must be sized and installed according to written guidelines from Rinnai.

General warranty terms

Rinnai reserves the right to make modifications and change specifications and its parts without notice.

For the purposes of the Consumer Guarantees Act 1993, Rinnai only guarantees the availability of repair facilities and spare parts for the express warranty period recorded in the table above.

This warranty does not limit any consumer rights or guarantees that may apply under the Consumer Guarantees Act 1993. If the product is being acquired for the purposes of a business, the provisions of the Consumer Guarantees Act 1993 do not apply and no other warranties (either express or implied by law) apart from those stated in the warranty will apply.

[3] A solar installation using a Rinnai INFINITY continuous flow unit (excluding EF26 and A-Series models) in a single residential dwelling is considered a residential application.

[4] Examples of a commercial application in a residential dwelling; hair salon, catering kitchen, communal care facility etc. An accommodation business such as a motel, where a continuous flow unit serves the equivalent of a single family dwelling, is deemed to be a residential application.

Warranty terms and conditions

1. All terms of the warranty are effective from the date of first installation. The attending service person reserves the right to verify this by requesting a copy of the gas certificate of compliance prior to commencement of any warranty work. The installer must issue a certificate of compliance by law in New Zealand. Warranty claims may be invalid if not accompanied by details of the installing or supervising gasfitter's registration number and the gas certification number.
2. All Rinnai appliances must be installed, commissioned, serviced, repaired and removed in accordance with the manufacturer's installation instructions, local regulations, and building codes by persons authorised by local regulations to do so.
3. All appliances must be operated and maintained in accordance with the manufacturer's operating instructions.
4. Servicing of the product is to be carried out by a Rinnai authorised service centre.
5. The warranty applies only to the components supplied by Rinnai. It does not apply to components supplied by others, such as electrical switches, electrical cables, fuses, isolating valves, pipework, and where applicable flue systems, but it is not limited to these.
6. Where the appliance has not been sited in accordance with the installation instructions or installed such that normal access is difficult, a service charge will apply. If at the discretion of the attending service person the installation is deemed illegal or access is dangerous, service will be refused. Any work required to gain reasonable access to the appliance will be chargeable by the attending service person (for example, removal of cupboards, doors, walls, or the use of special equipment to move components, but not limited to these).
7. Where the failed component is replaced under warranty, the balance of the original warranty will remain effective.
8. Rinnai reserves the right to transfer functional components from defective appliances if they are suitable.
9. Rinnai reserves the right to have installed product returned to the factory for inspection.
10. Where the water heater is installed outside the metropolitan area or further than 40 km from a Rinnai authorised service centre, travel costs shall be the owner's responsibility.

Warranty exclusions

The following exclusions may cause the warranty to become void and will result in a service charge and costs of parts (if required).

1. Accidental damage and acts of God.
2. Failure due to abuse or misuse, improper maintenance or improper storage.
3. Failure due to incorrect or unauthorised installations.
4. Failure or damage caused by alterations, service or repair work carried out by persons other than Rinnai service persons or service centres.
5. Where the water heater has failed directly or indirectly as a result of poor water quality outside the limits specified.
6. Where it is found that there is no fault with the appliance and the issue is related to the installation or is due to failure of electric or gas supplied.
7. Subject to any statutory provisions to the contrary, Rinnai does not accept
   a. liability for consequential damage or incidental expenses resulting from any breach of the warranty.
   b. claims for damage to building or any other consequential loss either directly or indirectly due to leaks from the appliance or any other faults.

Pro rata heat exchanger warranty table

Under a pro rata warranty, if the **heat exchanger** fails before the end of the warranty, Rinnai will replace the heat exchanger at a cost that depends on the installation application and the age of the heat exchanger at the time of the fault.

	EF26 and A-SERIES		HD and N-SERIES	
Year	**Residential WITHOUT controllers**	**Residential WITH controllers**	**Residential**	**Commercial**
1	100%	100%	100%	33.3%
2	100%	100%	100%	33.3%
3	100%	100%	100%	33.3%
4	70%	90%	90%	-
5	60%	80%	80%	-
6	50%	70%	70%	-
7	40%	60%	60%	-
8	30%	50%	50%	-
9	20%	40%	40%	-
10	10%	30%	30%	-
11	-	20%	20%	-
12	-	10%	10%	-

The percentages above relate to the heat exchanger component only. It does not include labour.

Water quality

Water quality outside the limits (as set down below) will void this warranty.

Water quality and impurity limits

TDS (Total Dissolved Solids)	Total hardness $CaCO_3$	Alkalinity (as $CaCO_3$)	Dissolved (free) CO_2	pH	Chlorides	Magnesium	Sodium	Iron	Langelier Index
Up to 600 mg/L or ppm	Up to 200 mg/L or ppm	Up to 200 mg/L or ppm	Up to 25 mg/L or ppm	6.5-8.5	Up to 300 mg/L or ppm	Up to 10 mg/L or ppm	Up to 150 mg/L or ppm	Up to 1 mg/L or ppm	Between -1.0-0.8

Most metropolitan water supplies fall within these limits. If sludge or foreign matter is present in the water supply, a suitable filter should be incorporated in the water supply.

Some examples of water quality issues where water may need to be treated:

- Hard water (areas including Whanganui)
- Aggressive water (areas including Christchurch)
- Both hard and aggressive water (some bore water)

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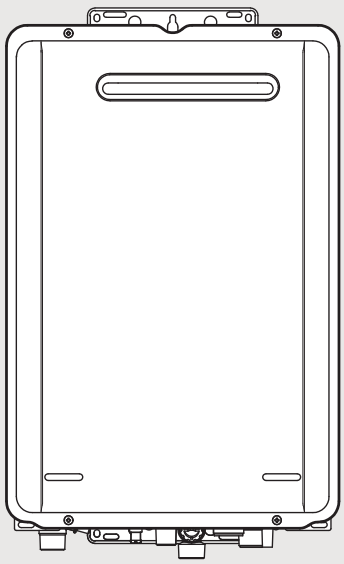
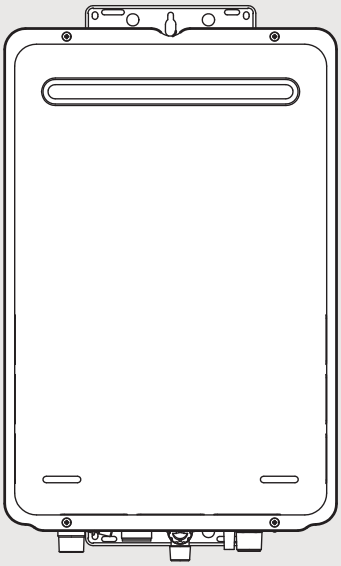
http://facebook.com.rinnainz

Suitable for the following Rinnai INFINITY models:

- A16 (REU-A1620WG-ZK)
- A20 (REU-A2024WG-ZK)
- A24 (REU-A2426WG-ZK)
- A26 (REU-A2626WG-ZK)
- EF26 (REU-E2626W-ZK)





INFINITY EF26 and A-Series continuous flow water heaters

Installation guide

Rinnai

Important

This appliance must be installed in accordance with:
- Manufacturer's installation instructions
- Current AS/NZS 3000, AS/NZS 3500, AS/NZS 5601.1 and G12/AS1

For use with Natural Gas or Universal LPG as indicated on the appliance.

Not suitable as a spa or swimming pool heater.
Not suitable for hydronic applications.
Not suitable for commercial or solar applications.
Not suitable for locations greater than 1000 m above sea level.

Appliance must be installed, commissioned and serviced by an authorised person, being in New Zealand a licensed gasfitter.

Warning
Improper installation, adjustment, alteration, service and maintenance can cause property damage, personal injury or loss of life.

For more information about buying, using, and servicing of Rinnai appliances call: 0800 RINNAI (0800 746 624).

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Contents

Before installation

Unpack the appliance and check for damage. DO NOT install any damaged items.

Check all components and that the correct gas type has been supplied.

Get an overview of the steps required before starting the installation. Failure to follow these instructions could cause a malfunction of the appliance. This could result in serious injury and property damage.

These instructions apply only to the continuous flow water heater models listed on the front of this guide.

Specification

Designed and made in Japan, the Rinnai INFINITY EF26 and A-Series are continuous flow gas hot water heaters with inbuilt frost protection. The EF26 is a condensing model. They have electronic ignition and require electricity to operate. They are factory preset to 55 °C (maximum set temperature is 65 °C).

Scope of use

Suitable for **residential** applications only. They are designed to be externally mounted on an outside wall and located as close as practicable to the most frequently used hot water outlet(s), to reduce the delay for hot water delivery.

They are not suitable as a spa or swimming pool heater, and for hydronic heating. They are also not suitable as a gas boost for solar installations as the temperature cannot be set high enough.

Hard or acidic water will need to be treated to use this product.

Specification summary

	A16 REU-A1620WG-ZK	**A20** REU-A2024WG-ZK	**A24** REU-A2426WG-ZK	**A26** REU-A2626WG-ZK	**EF26** REU-E2626W-ZK
Thermal efficiency	80.5%	80.5%	81%	80.5%	91.5%
Hot water capacity	1.5-20 L/min	1.5-24 L/min	1.5-26 L/min	1.5-26 L/min	1.5-26 L/min
Hot water capacity at a 25° rise	16 L/min 960 L/h	20 L/min 1200 L/h	24 L/min 1440 L/h	26 L/min 1560 L/h	26 L/min 1560 L/h
Input	16.3-124 MJ/h	19.9-156 MJ/h	16.3-184 MJ/h	16.3-199 MJ/h	16.3-175 MJ/h
Output	27.8 kW	34.9 kW	42.0 kW	44.5 kW	44.5 kW
Weight	13 kg	14 kg	15 kg	15 kg	18 kg
Water, nominal operating pressure	120-1000 kPa	160-1000 kPa	200-1000 kPa	200-1000 kPa	220-1000 kPa
Ingress protection	IPX4	IPX4	IPX4	IPX4	IPX5
Power consumption: - Normal - Standby - Frost protection	 47 W 2 W 68 W	 58 W 2 W 68 W	 56 W 2 W 68 W	 65 W 2 W 68 W	 63 W 2 W 92 W

Safety devices

- Flame failure
- Boil-dry protection
- Overheat protection (OHS)
- Fusible link
- Pressure relief valve
- Combustion fan rpm check

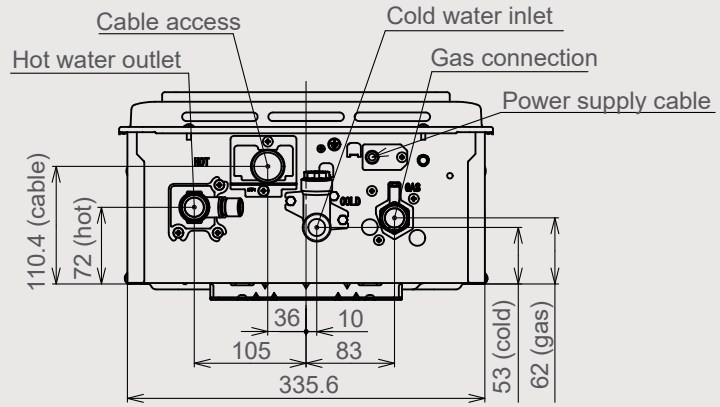
Line pressures

- NG 1.13-3.0 kPa
- LPG 2.75-3.0 kPa

The maximum line pressure is 3.5 kPa, with the maximum standing pressure under abnormal intermittent conditions 5.0 kPa. In the case of commercial metering (i.e. 35-37 kPa coming in), there may be a requirement to regulate the incoming line pressure down.

Connections and fittings

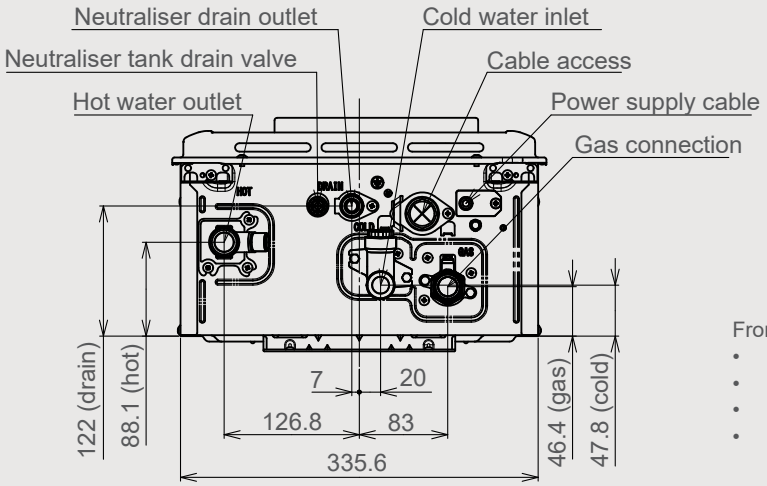
A-Series



From bottom of unit:

- Hot 41 mm (A16 39 mm)
- Cable 29 mm
- Gas 40 mm
- Cold 50 mm

EF26



From bottom of unit:

- Hot 41 mm
- Cable 26 mm
- Gas 38 mm
- Cold 50 mm

		Hot	Cold	Gas	Condensate
A16 external	REU-A1620WG-ZK	R½ (15 mm)	R½ (15 mm)	R¾ (20 mm)	N/A
A20 external	REU-A2024WG-ZK	R¾ (20 mm)	R¾ (20 mm)	R¾ (20 mm)	N/A
A24 external	REU-A2426WG-ZK	R¾ (20 mm)	R¾ (20 mm)	R¾ (20 mm)	N/A
A26 external	REU-A2626WG-ZK	R¾ (20 mm)	R¾ (20 mm)	R¾ (20 mm)	N/A
EF26 external	REU-E2626W-ZK	R¾ (20 mm)	R¾ (20 mm)	R¾ (20 mm)	R½ (15 mm)

Service connection points

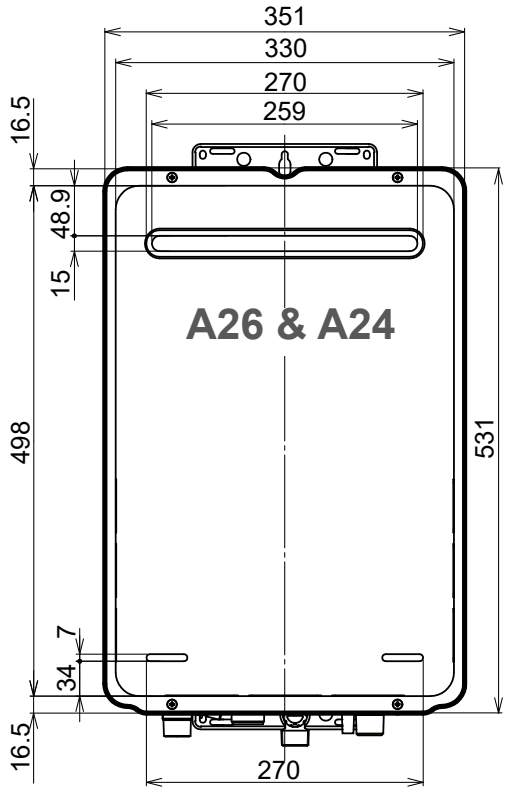
An approved full flow isolation valve and disconnection union MUST BE fitted to the cold water inlet. A non-return valve is not required unless stipulated by local regulations.

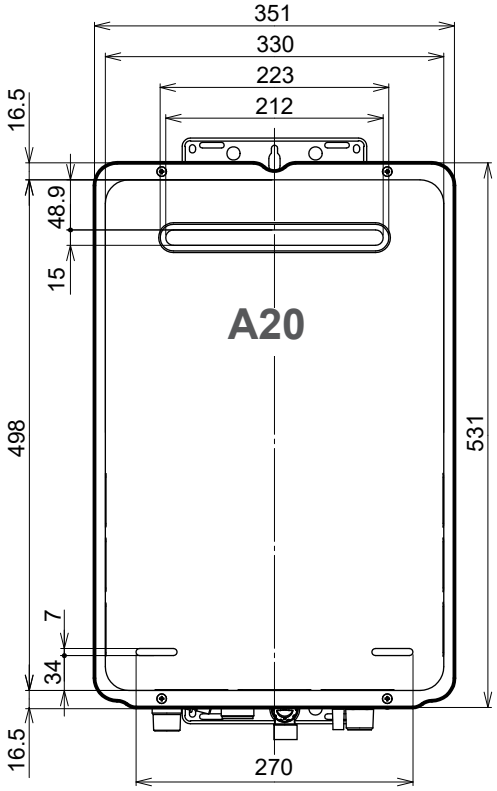
Isolation valves MUST NOT be fitted directly the appliance.

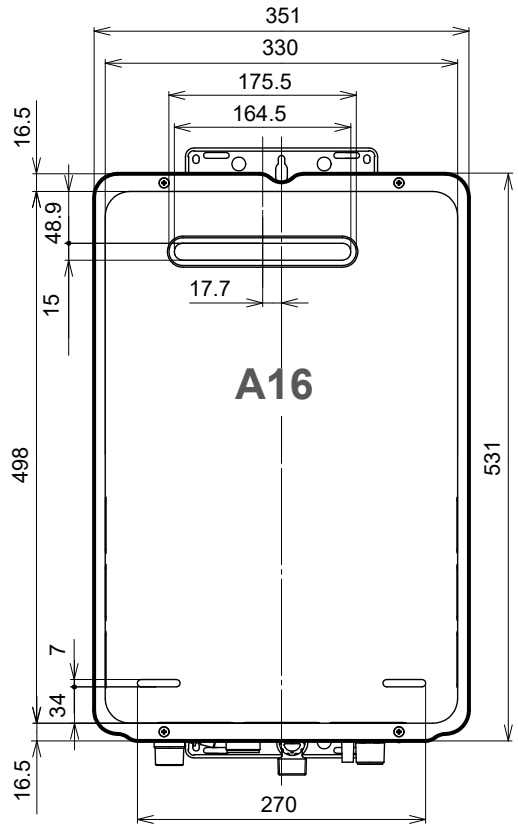
It may be necessary to fit a temperature limiting device for delivery to areas used primarily for the purposes of personal hygiene, refer page on ‘Water delivery temperature’ for more information.

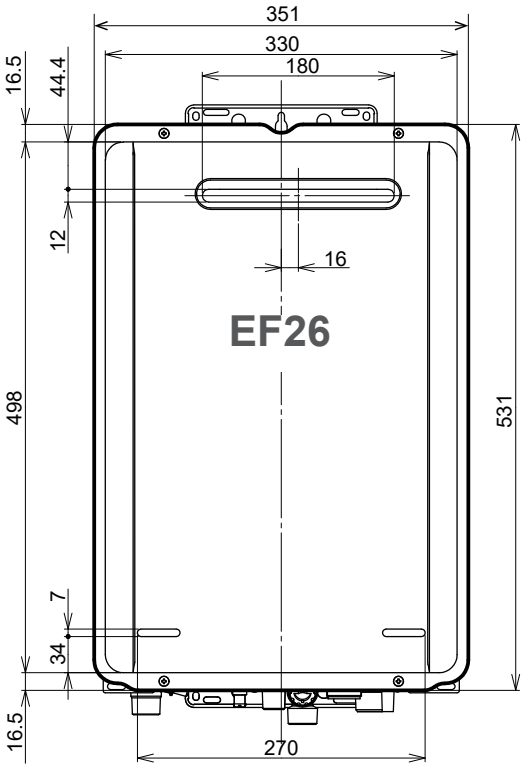
Purge gas and cold water supply lines to remove air and swarf before final connection. Swarf in the gas or water supplies may cause damage, a common problem, which is not covered by warranty.

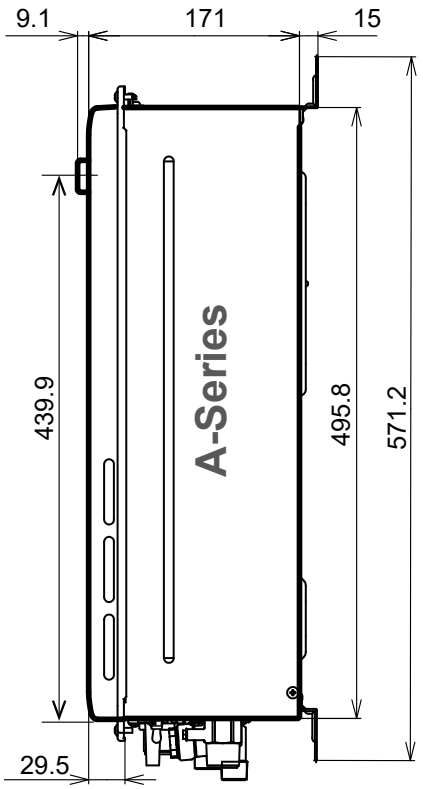
Dimensions (mm)

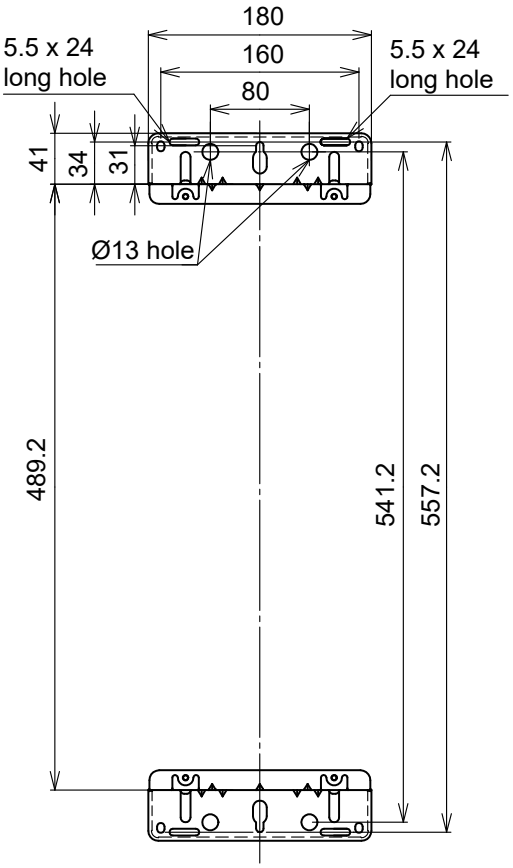


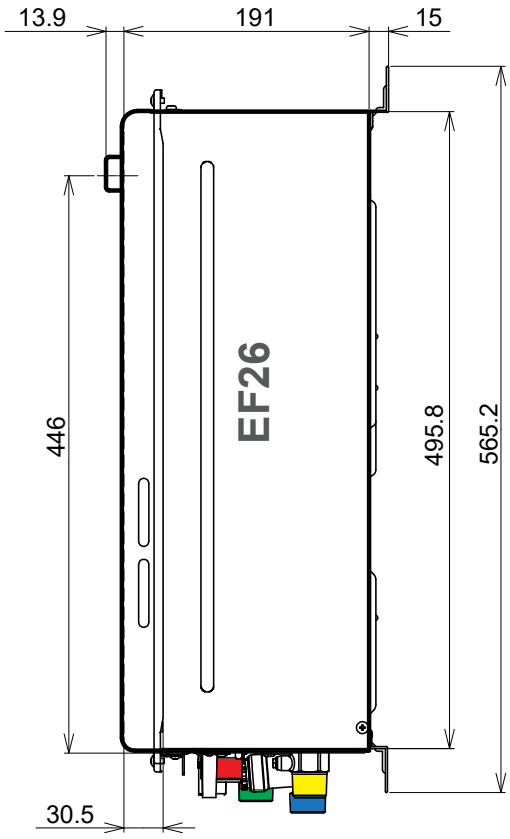


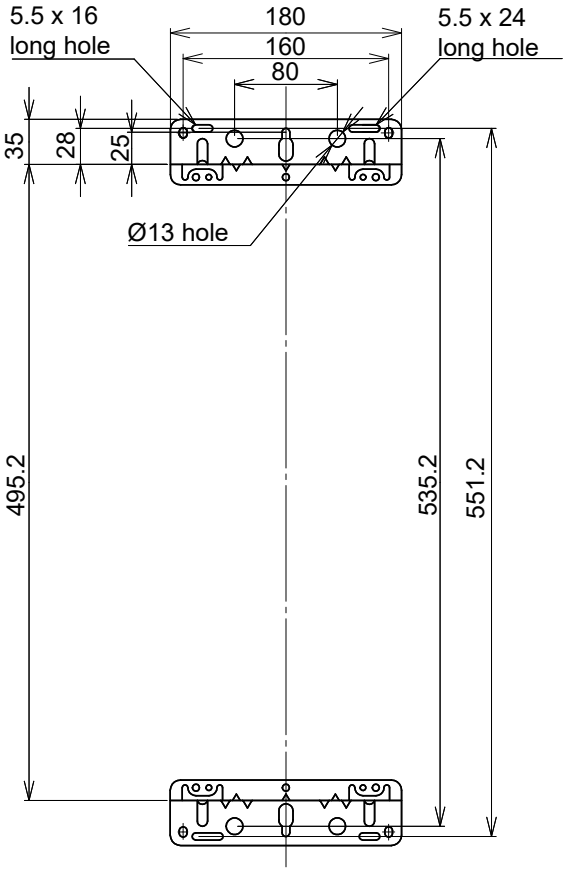












Appliance location

This appliance is designed for outdoor installations only. It MUST BE located above ground in open air with natural ventilation, without stagnant areas, where gas leakage and products of combustion can be rapidly dispersed by wind and natural convection.

This appliance MUST BE placed as close as possible to the most frequently used hot water outlet(s) to minimise the delay for hot water delivery[1]. For installations where the distance between the water heater and outlets is considerable, a flow and return system can be used to minimise the waiting time for hot water delivery. Alternatively multiple appliances can be strategically placed to serve outlets with minimal delay.

An AC 230 V, 10 A earthed power point must be provided adjacent[2] to the appliance. This power point must be weatherproof. It must be clear of the gas and water connections to the appliance and also the flue exhaust and water pressure relief valve. The power cord of the appliance is 1.5 m long.

All appliances MUST BE installed to ensure access can be gained without hazard or undue difficulty for maintenance and servicing. Sufficient clearances shall allow access and removal of all serviceable components. Appliances should not be mounted more than 2.5 m above the ground or floor level unless the customer can arrange permanent and safe access, or can provide another means of safe access.

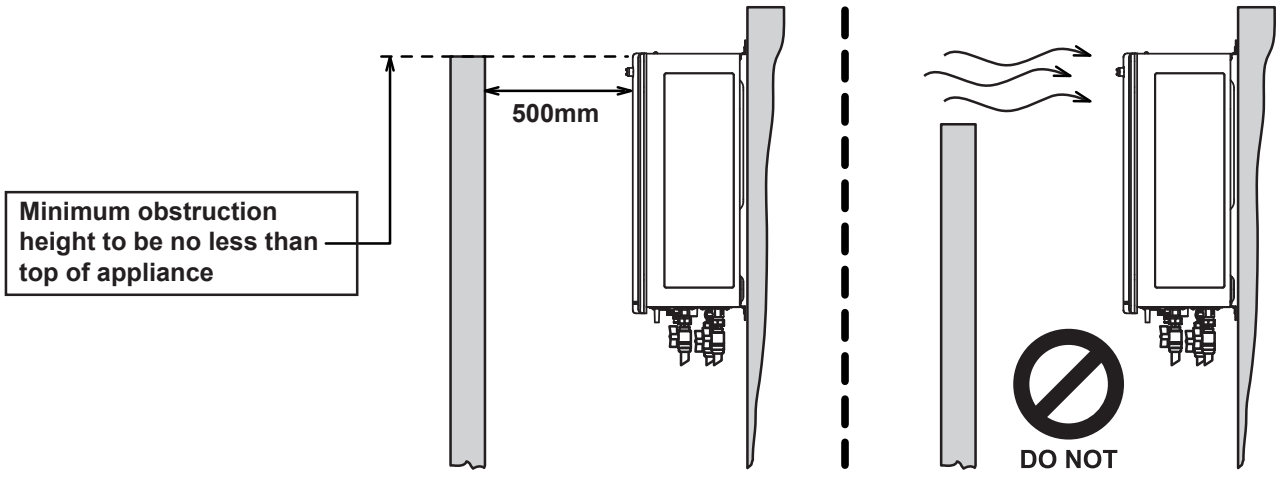
The appliance MUST BE mounted on a vertical structure with the water and gas connections on the underside pointing downwards.

Location of the flue terminal MUST BE in accordance with Section 6 and Figure 6.2 of AS/NZ 5601.

The E26 / A-Series are suitable for installations up to 1000 m above sea level. They are not suitable for alpine areas.

Horizontal obstructions

AS/NZS 5601 states a minimum horizontal clearance of 500 mm between a building structure and obstruction facing the terminal. At 500 mm the obstruction needs to be the full height of the unit, as shown below, and not a partial obstruction. A partial obstruction of less than 1 m could result in wind pushing the flue gases back into the flue terminal.



IMPORTANT

There **MUST** be **NO** partial obstructions to the appliance front cover or any other part of the appliance casing. This will avoid the appliance from failing to operate under windy conditions.

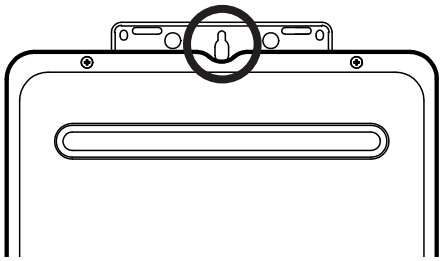
[1] Rinnai recommend a maximum pipe run of 10 m.
[2] Power point can be within the pipe cover if a pipe cover is installed—must comply with AS/NZS Wiring rules

General installation information

Securing the Rinnai INFINITY
The wall structure on which units are mounted MUST BE capable of supporting the weight of the appliance and associated pipe work.

Ensure that suitable fixing screws or bolts are used to secure the unit to the wall, in accordance with AS/NZS 5601 section 6. Wooden plugs shall not be used.

The top bracket has a keyhole slot so that the appliance can be positioned by hanging it on one screw. Once in position the appliance can be secured with appropriate fixings.



The appliance can be mounted directly against the wall or structure. There is no need to use non-combustible sheeting or leave an air gap between the appliance back panel and the wall or structure to meet the temperature hazard requirements of AS/NZS 5601.

Pipe sizing
If the gas pipe sizing is insufficient the appliance won't perform properly. Gas pipe sizing must consider the gas input into this appliance as well as other gas appliances in the premises. The gas meter and regulator must be specified for this gas rate.

An approved sizing chart such as the one in AS/NZS 5601 should be used. Refer specification for gas consumption details.

Water pipe sizing and layout should be performed in accordance with AS/NZS 3500. All hot water pipe work should be insulated to optimise performance and energy efficiency.

Water supply
The appliance is intended to be permanently connected to the water mains.

Refer specification for operational water pressure limitations. Approved pressure limiting valves may be required if the maximum rated water supply pressures are exceeded. To achieve the rated flow, the minimum water supply pressures must be met.

The water heaters will operate at lower pressures but will not achieve the rated flow. Contact Rinnai for gravity fed or low pressure installations.

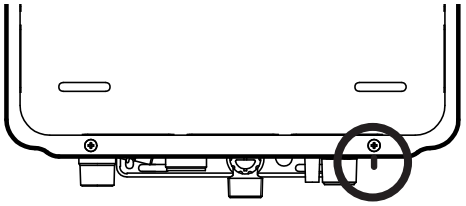
Water chemistry and impurity limits are detailed in the operation guide within the warranty section. Most metropolitan water supplies fall within these requirements.

If you are unsure about the water quality contact your water authority. If sludge or foreign matter is present in the water supply, a suitable filter or strainer is required in the water supply to the water heater to prevent unwarranted damage and loss of performance.

Frost protection
Frost protection operates automatically, as long as the appliance is connected to the electrical power supply, by activating when the temperature inside the unit drops below 3.5 °C[1], and turns off once the temperature inside the unit reaches 7 °C[1].

[1] Approximate temperatures

Frost protection thermistor
The EF26 and A-Series models have an external thermistor to control frost protection. It is a small black indicator located on the bottom right hand side of the unit, directly underneath the cover screw (circled below). The frost protection thermistor needs to be exposed to the outside air to correctly function—do not insulate the frost protection circuit will not work correctly.



Water delivery temperature

Requirements of AS/NZS 3500 MUST BE considered regarding the temperature limitations of hot water supplied to areas used primarily for personal hygiene. The temperature of these areas may be limited to 55 °C or less.

If the appliance is to deliver water primarily for the purposes of personal hygiene in an early childhood centre, school, nursing home or similar facility as defined in AS/NZS 3500.4, a Temperature Limiting Device (TLD), such as a tempering valve may be required, even if the appliance is set to 55 °C or less. For these types of applications contact Rinnai.

Requirements for Rinnai INFINITY units installed without controllers

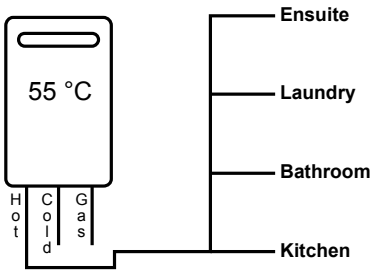


Diagram 1 - 55 °C Appliance

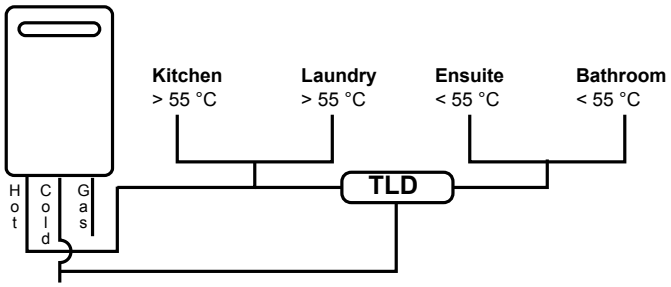


Diagram 2 - Not a 55 °C Appliance
(TLD = Temperature Limiting Device)

When the Rinnai INFINITY is set to deliver water at a temperature higher than 55 °C, it will be necessary to fit a Temperature Limiting Device for delivery to areas used for the purposes of personal hygiene.

Controller installation

The maximum number of controllers that can be fitted is **four**, refer water controller configurations section below.

General information

Other manufacturers water controllers are NOT compatible with Rinnai water heaters. Water controllers MUST NOT be used with any solar boost water heater. Rinnai water controllers bought in from other countries are not compatible with Rinnai appliances sold in New Zealand.

Water controllers and transceivers (for those with wireless controllers) DO NOT contain serviceable parts and must only be serviced by an authorised person.

Master controller

Only one master controller can be designated as a 'master' water controller. This water controller is normally used in the kitchen. The remaining controllers are 'sub-controllers' and are for use in bathrooms, toilets, and laundries. The temperature limit for all sub-controllers is 50 °C, this is a safety feature, to reduce the risk of burns in these areas. A master controller MUST NOT be installed in a bathroom.

Water controller configurations

- A maximum of four Compact controllers (MC-601) can be fitted.
- Only one master controller can be installed. This can be a Kitchen Deluxe[1] (MC-100V), or any other Compact controller (MC-601).

  [1] When a Kitchen Deluxe controller is fitted, it will always function as a master controller, this is the default setting and cannot be changed.

- In addition to a master controller, up to three additional controllers can be fitted

Controller location

- Do not install water controllers near a heat source, such as a cook top, stove or oven. Heat steam, smoke, and hot oil may cause damage.
- Do not install water controllers outdoors unless protection from water/dust ingress and sunlight are provided.
- Do not install water controllers in direct sunlight.
- Do not install water controllers against a metal wall unless the wall is earthed in accordance with AS/NZS 3000.
- Water controllers must not be installed where chemicals such as benzene, alcohol, turpentine, hydrogen sulphide, ammonia, chlorine or other similar chemicals are in use.

The water controller is water resistant, however excessive exposure to water may result in damage. Durability is improved when positioned OUTSIDE the shower recess.

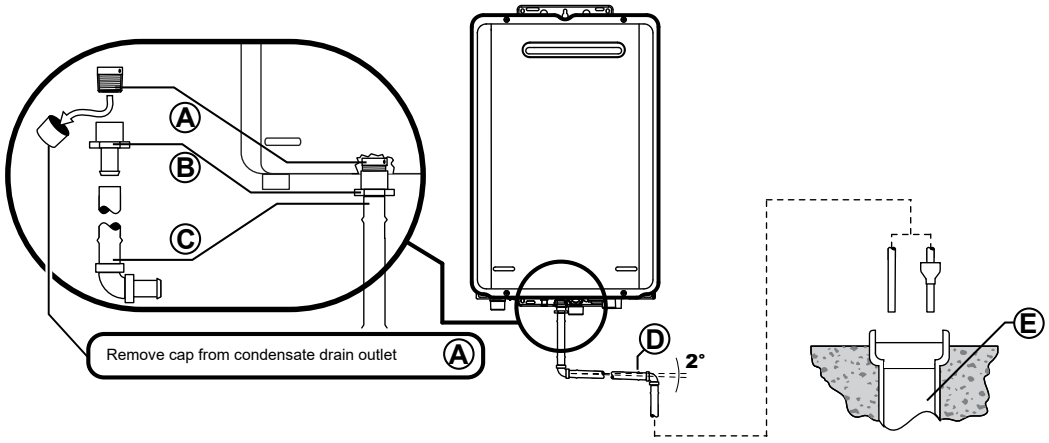
- Avoid direct exposure to water or steam as these may cause the controller to malfunction.
- Water controllers must be installed in shaded and clean locations. They should be fitted out of reach of children (suggested height 1.5 m from the floor), and installed at least 400 mm above the highest part of a sink, basin or bath.

When cleaning your water controller use only a damp cloth and mild detergent.

EF26 condensate neutraliser tank and drain

The Rinnai INFINITY EF26 water heater generates condensate continuously at a rate of up to 5 litres per hour as a by-product of a highly efficient gas burner. This condensate has been neutralised by having an inbuilt condensate neutraliser kit.

Important considerations for the neutraliser drain pipe
The content of AS/NZS 3500 ‘ Temperature / Pressure Relief and Expansion Control Valve Drain Lines’ has been used as a guide in preparing the information below.



A. Water heater drain outlet connection, R½” (15 mm) BSP male. Condensate / neutraliser drain outlet connection, ½” (15 mm) BSP male nylon.

N.B: The black plastic shipping cap MUST BE removed from the condensate / neutraliser drain outlet prior to water heater operation.

B. PE R½” BSP (15 mm) female to barbed irrigation system connector (13-19 mm) or equivalent plastic fitting[1].

C. Drain pipe and fittings to match B.

D. Continuous fall of at least 2° from water heater to discharge point. Lengths and bends in accordance with the table below.

Lengths and changes of direction				
Max. length (m)	9	8	7	6
Max. changes of direction greater than 45°	3	4	5	6

E. Suitable points of discharge are deemed to be drains, sewers or pits. DO NOT discharge onto electrical connections, earth stakes, copper pipes, concrete paths or into a pond.

Installation
The drain line MUST NOT discharge onto electrical connections, earth stakes, copper pipes, concrete paths or into a pond.

The point of discharge from each drain line shall be located so that the release of condensate / neutraliser does not cause a nuisance, is readily discernible and incurs no risk of damage to the building.

There shall be no tap, valve or other restrictions in any line.

Each line shall fall continuously from the valve to the approved point of discharge.

Drain lines shall not discharge into a storage water heater safe tray.

The end of the condensate line shall be:

- Not lower than 200 mm or higher than 300 mm above an unpaved surface; or
- Not lower than 75 mm, or higher than 300 mm above a gravel pit not less than 100 mm in diameter in a paved surface.
- Where discharging over a tundish or gully trap, drain lines shall have an air gap of a size at least twice the diameter of the drain line.

[1] Non-PE plastics will fail over time due to contact with the acidic condensate. Damage caused by installation of non-PE plastics will not be covered by warranty.

Interconnection of condensate drain lines
Condensate / neutraliser drain lines from multiple water heaters may be joined together provided they conform with the requirements detailed on the previous page.

Common stack discharge
Where individual water heaters are installed in a multi-storey building, the condensate / neutraliser drain lines may discharge into a common stack, subject to the following:

- The discharge from the common stack is to a tundish, having a discharge line, that is not less than the size of the common stack, directly connected to a fixture trap, and installed in connection with any adjacent soil or waste stack.
- The discharge point of the common stack is such that any discharge is readily visible and will not cause any nuisance.
- The common stack is vented by extending the pipe upwards, above the roof level.

Tundish drain lines
The drain line from any tundish shall not be less than DN 20 or less than one size larger than that of the largest drain line discharging into a tundish. Tundish drain lines shall comply with the requirements detailed on the previous page.

Areas subject to freezing
In areas where water pipes are prone to freezing, the drain pipe from any valve shall be insulated and not exceed 300 mm in length. It shall discharge into a tundish through an air gap of not less than 75 mm and not more than 150 mm measured from the outlet of the drain pipe to the rim of the tundish.

Commissioning

AS/NZS 5601.1, clauses 2.6.8 and 6.11.2, states that every part of a gas installation shall be commissioned prior to initial use. It is the installer's responsibility to ensure all current AS/NZS 5601 requirements are met. The URL's provided are links to short videos on how key steps are performed.

WARNING The appliance operation must be tested after installation. Ensure the building occupants do not have access to the hot water outlets during this procedure.

Please note
The Rinnai INFINITY EF26 and A-Series come with a factory preset outlet temperature of 55 °C. The high and low gas operating pressures are also factory preset. Under normal conditions the operating pressures do not require adjustment during installation. Make adjustments ONLY if the unit is not operating correctly and all other possible causes for incorrect operation have been eliminated.

Inlet supply pressure to the appliance MUST BE checked and set within the operating parameters of the appliance in all instances.

If the appliance can not be adjusted to perform correctly call 0800 RINNAI (0800 746 624) for assistance.

Commissioning steps

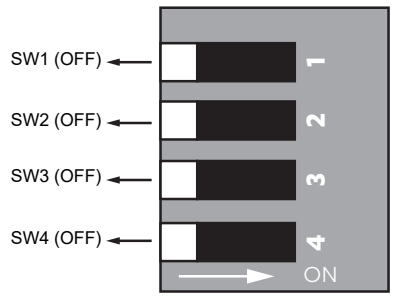
1	**Flush water pipes and gas line**	Before final connection of the water heater , flush the gas, hot and cold water supply lines. Swarf in the gas or water supplies may cause damage, a common problem, which is not covered by warranty.
2	**Connect the gas line**	
3	**Purge the gas line of air**	
4	**Final connection test**	
5	**Check supply pressure**	Operate ALL other gas appliances at their maximum rate. With all gas appliances on maximum the supply pressure must read between 1.13-3.0 kPa on Natural gas and on LPG 2.75-3.0 kPa. If the pressure is lower, the gas supply is inadequate and the appliance will not operated to specification. It is the installer's responsibility to check the gas meter, service regulator and pipe work for correct operation and sizing, and rectify as required.
6	**PCB settings checked**	Refer sideways flue diverter information on the next page and the PCB interface layout and functions page. PCB settings checked if the factory default temperature has been changed. Dip switch settings checked if a sideways flue diverter is fitted. Short video: http://rinnai.co.nz/007
7	**Operate and test for gas leaks**	Replace the appliance front cover otherwise the unit won't operate correctly, and operate and test for gas leaks using an electronic leak detector.
8	**Operational test**	Confirm the water flow and hot water delivery temperature using a thermometer. If water controllers are fitted, it is necessary to test their operation through the complete range of functions, refer separate instructions provided with the water controllers.

9	**Check cold water inlet filter**	Inspect and clean the water inlet filter. This may need to be repeated to ensure the filter remains clear, especially on new installations. Short video: http://rinnai.co.nz/006 If you feel the customer is capable of doing this check it would be beneficial to show them how to inspect and clean the water filter as well.
10	**Customer handover**	After testing is completed, explain to the customer the function and operation of the water heater and water controllers (if fitted). Also talk to them about: • The gas, power, and water connections • How frost protection works • Procedure for draining the water heater • Where to find the data plate • Maintenance and servicing If the customer is not there try and contact them by phone to discuss these important points. Ensure the installer details section is completed in the operation guide, the commissioning checklist has been completed and signed, and that the guide and checklist are left with the customer.

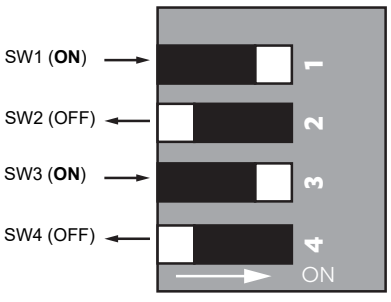
Sideways flue diverter dip switch changes

When delivered ex-factory, by default SW1, SW2, SW3, and SW4 of the DipSW are set to the OFF position.

If a sideways flue diverter is installed onto the water heater, SW1 and SW3 of the DipSW must be set to the ON position.



Default dip switch settings as they are ex-factory.



Dip switch settings required for a sideways flue diverter installation.

The dip switch change for a sideways flue diverter is required to increase the combustion fan speed, which helps overcome the friction losses from having a sideways flue diverter installed on the water heater.

PCB interface and dip switch settings

The PCB interface and dip switch settings must only be changed by a licensed gasfitter. They have been provided as there may be a requirement to change the temperature of the water delivered from the water heater of change the dip switch settings if fitting a sideways flue diverter.

WARNING Care must be taken when changing the temperature or dip switch settings as they can be easily switched or bumped into the wrong position. Fully check the operation of the water heater before leaving including the temperature of the water delivered.

The cover of the water heater will need to be removed to carry out this operation. As this will expose live mains voltage wiring **please disconnect the power supply before removing the front cover.**

We wish to draw your attention to the requirements of the New Zealand Building Code and compliance document G12. This requires that water delivered to sanitary fixtures be no more than 55 °C. Increasing the water heater set temperature will require that you protect all sanitary fixtures to which the appliance is plumbed with suitable tempering valves or something similar.

Rinnai will accept no liability for issues arising out of the use of this information.

If you have any doubts about the performance of the water heater, please contact Rinnai by phoning 0800 RINNAI (0800 746 624).

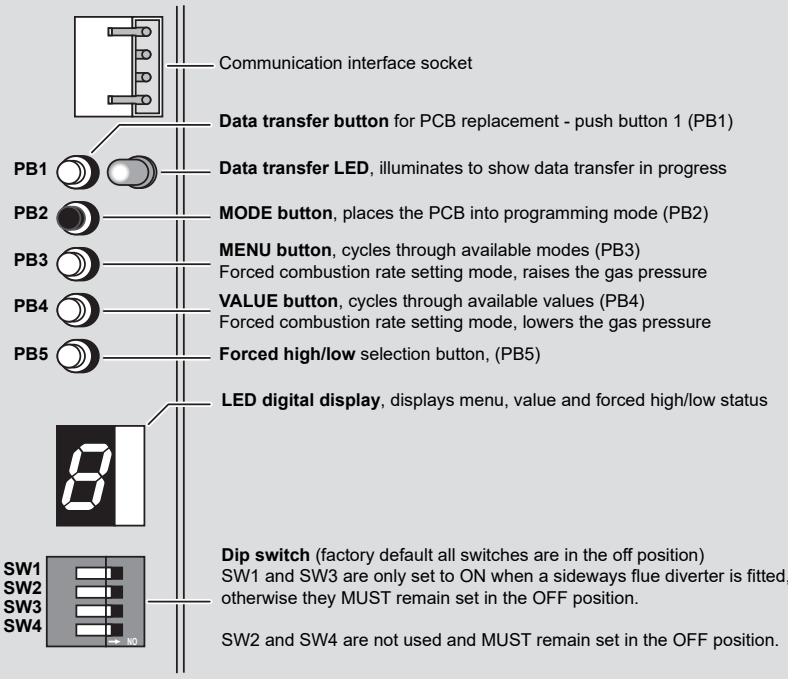
The following information details settings for the Rinnai INFINITY EF26 and A-Series models only. They are not applicable for other models.

Basic operation of the PCB interface

- To place the PCB into programming mode press PB2 until the LED digital display shows 1, noting that the current set value will be displayed shortly afterwards.
- To alter a value press PB4, each press of the button will select the next available value.
- To change to another menu, press PB3, each press of the button will select the next available menu.
- To exit the programming mode and save the selected settings press PB2 until the LED display goes blank.

Note:

- If no buttons are pressed the PCB will automatically exit programming mode after 10 mins.
- Exiting programming mode sets the value last viewed as the current value.



EF26 error code 92

Neutraliser alert will flash when the total calorific value reaches 255 GJ, approximately 16 years of residential use. Water heater can still work, but the condensate trap should be changed.

To cancel the error code, press PB4 and PB5 together and hold for more than five seconds.

Menu	Menu description	Value							
		A	b	C	d	E	F	H	J
1	Gas type	ULPG	NG	N/A	N/A	N/A	N/A	N/A	N/A
2	Model	2626	2426	2024	1620	N/A	N/A	N/A	N/A
3	Fixed / Max. temp	55 °C	65 °C	60 °C	50 °C	42 °C	40 °C	N/A	N/A
4	OFF water flow rate	+ 3 °C	+ 6 °C	N/A	N/A	N/A	N/A	N/A	N/A
5	50 °C delivery adjustment temp.	0	N/A to NZ—Australian models only					+1 °C	+2 °C
6	Remote controller safe program	ON	OFF	N/A	N/A	N/A	N/A	N/A	N/A
7	OHS	No	Yes	N/A	N/A	N/A	N/A	N/A	N/A
8	**EF26 only** Condensation prevention on manifold	Default							
9	**A24/A26 only** Fan revolution	180 Hz	100 Hz	Setting change to reduce fan noise if customer states unit is too noisy (Ver. 7, PCB label G)					
0	Post fan time	65 sec	120 sec	240 sec	480 sec	To reduce the HEX temp. after combustion			

If the settings are changed, please note these on this sheet for future reference. These will be needed if a PCB replacement is required and a manual data transfer is needed.

Dark shaded sections = default setting

Parameter setting notes

- 2: Values in Menu 2 cannot be adjusted.
- 4: Menu 4 OFF water flow rate
  The temperature of the outgoing hot water is monitored by a built-in sensor. If the temperature of the outgoing hot water rises more than 3 °C (default, or 6 °C if 4b) above the selected temperature shown on the digital monitor or the preset limit when water controllers are fitted, the burner will automatically go out.
- 6: Menu 6 Remote controller safe program
  Factory default is ON. If a controller has been continuously connected for more than six hours, the PCB automatically defaults to controller only mode, making the assumption that the water heater will always be connected to and operated by a controller. This means if a controller is disconnected, the inbuilt safe program will only allow the unit to deliver a maximum temperature of 42 °C. If this safe program is not needed, change menu 6 from A (ON) to b (OFF).
- 7: OHS for solar applications
  N/A for New Zealand models, this is for Australian models only that have different temperature settings. Please remember that the A-Series and the EF26 are not suitable and will not be warranted for solar applications.
- 8: Prevention of condensation on the manifold (EF26 only)
  If exhaust gases go back into the combustion chamber, condensation on the manifold nozzle causes error 11. To prevent this, the post-fan time (fan revolution after combustion) can be controlled as follows.

8	Prevention of condensation on the manifold	A	b	C	d
	Post fan time	Outside temp. > 15 °C → 15 sec. Outside temp. ≤ 15 °C → 120 sec.	15 sec	240 sec	480 sec
	Post fan revolution	X (Hz), X depends on the model, e.g. 180 Hz	X (Hz)	X(Hz) + 50 Hz	X(Hz) + 50 Hz

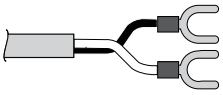
A-Series controller communication cables

Wired water controllers operate at an extra low voltage (12 V DC) which is supplied from the water heater, a 10 m long communication cable is supplied for connection to the water heater. Only Rinnai supplied communication cables may be used.

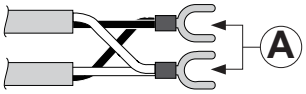
The water heater end of the cables is fitted with spade terminals. Only two pairs of cables (four spade connectors in total) may be terminated. When attaching three or four cables it is necessary to join the cable terminators as shown below.

For each pair cut off the existing spade connectors and re-terminate each pair into a new spade connector (A). Spade connectors are available from your local electrical component retailer

Single cables can be used when terminating up to two communication cables.



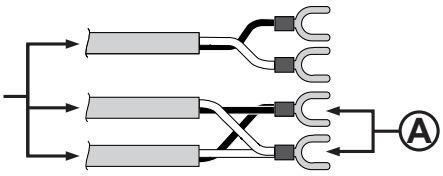
Paired cables are to be used when terminating three or four communication cables.



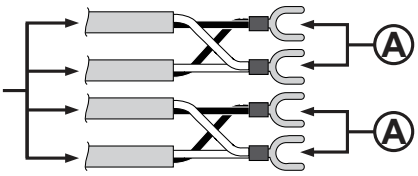
Connecting one or two communication cables
Follow steps one through five below to terminate the cables to the water heater.

Connecting three or four communication cables
To connect three or four cables, separate all the cables to be fitted into pairs.

When terminating three cables



When terminating four cables



Follow steps one through five below to terminate the joined cable pairs to the water heater.

1. Isolate the power supply by switching the power point off and removing the power plug of the water heater from the electric power socket.

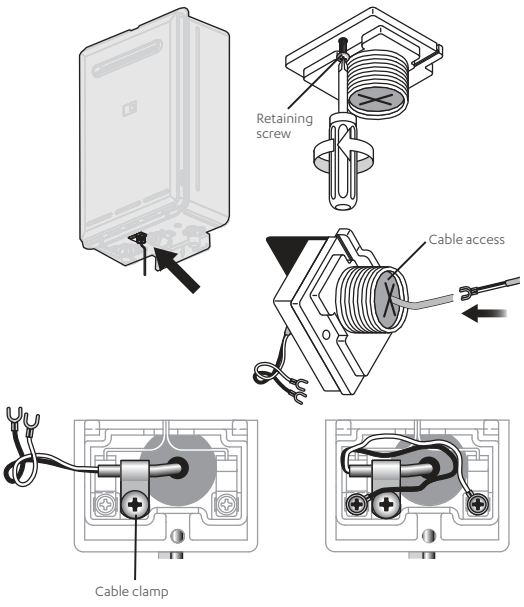
2. Removing the retaining screw of the cable connector at the base of the unit.

3. Swing the cable connector door open and thread the cable through the weather seal of the cable access hole, allowing sufficient cable length so that the sheath of the cable can be secured with the cable clamp supplied with the transceiver.

4. Loosen the screw terminals and connect the cable spade connectors to these terminals and re-tighten.

   Polarity is not important, either wire colour can be connected to either terminal.

5. Return the cable connector to the original position, taking care not to damage the cable wires in the process, and replace the retaining screw.



EF26 controller communication cables

Wired water controllers operate at an extra low voltage (12 V DC), which is supplied from the water heater. A 10 m long communication cable is supplied for connection to the water heater. Only Rinnai supplied communication cables may be used.

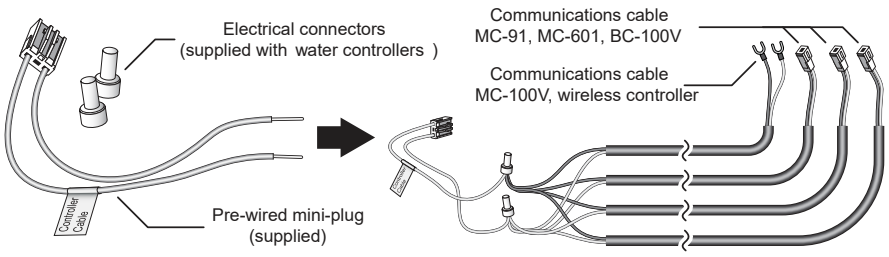
Connecting communication cables to the mini-plug

CAUTION

DO NOT attempt to connect water controller cables to the mini-plug when it is plugged into the PCB unless the power to the water heater is switched OFF, otherwise damage to electrical components may occur.

Water controllers are connected to the PCB by a dedicated pre-wired mini-plug.

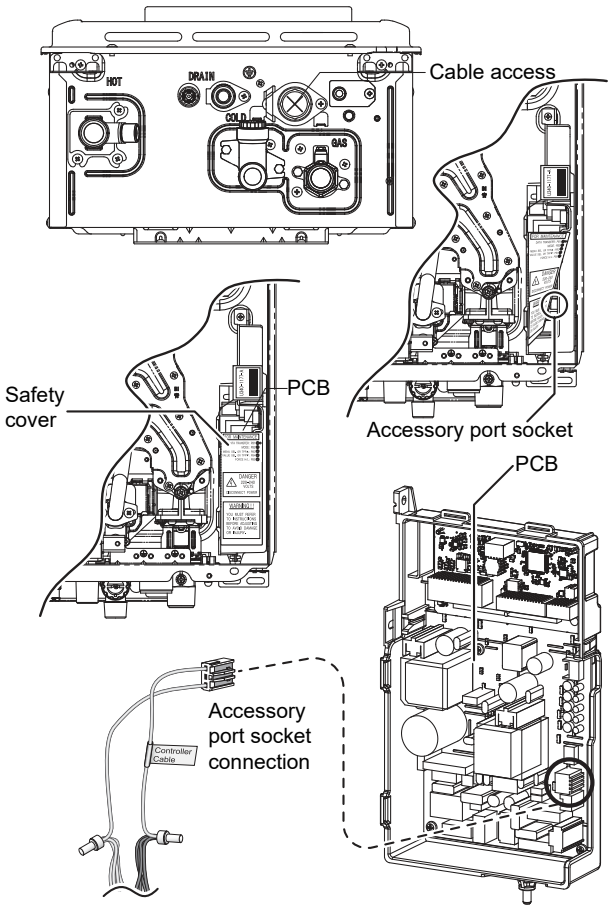
Standard electrical cable connectors can be used to terminate the water controller wires to those on the mini-plug. The existing spade connectors, of the communication cables, will need to be removed prior to termination. Controllers are not polarity sensitive, however to avoid confusion it is recommended that like coloured wires be terminated together.



Connecting communication cables to the PCB (refer image below)

DO NOT attempt to connect the mini-plug or water controller cables to the water heater unless the power to the water heater is switched OFF, otherwise damage to electrical components may occur.

1. Isolate the power supply by switching the power point off and removing the water heater plug from the power socket.
2. Remove the front cover of the appliance.
3. Insert the mini-plug and the connected water controller cables through the cable access at the base of the appliance. Ensure the cable connectors are located inside the appliance for protection.
4. Locate the PCB (bottom right of the appliance), and carefully move the plastic safety cover out of the way.
5. Locate the accessory port socket (bottom front of PCB).
6. Plug the mini-plug into the accessory port socket, the plug and socket are keyed so that they can only be plugged into the one direction).
7. Proceed with the water controller installation and connect the communication cables to the controllers.



Rinnai.co.nz

Installation guide

Tel: 0800 746 624
http://www.youtube.com/rinnainz
http://facebook.com.rinnainz

U340-1336X02(00)
REU-A/E(NZ)

Allan A Walters

From: Mark D. Neal <mneal@southernhospitality.co.nz>
Sent: Monday, 15 February 2021 3:11 pm
To: Allan A Walters
Subject: Extraction Volumes for Waimangaroa Hall

Hi Allan

Extraction air calculation for Hood / Equipment: 1430 l/s
Fan extract rate: 1600 l/s @ 100pa.

If you require any further information please do let me know.

Regards
Mark

Mark Neal
Sales Manager
m: +64 21 469 708 | w: www.southernhospitality.co.nz
12 Paru Paru Rd, Nelson, 7010, New Zealand

SOUTHERN HOSPITALITY

Form 5
Building consent - BC200292
Section 51, Building Act 2004

The building

Street address of building:	1 Sunderland Street Waimangaroa 7891
Legal description of land where building is located:	Sec 224 Town of Waimangaroa ID 3615655
Building name:	
Location of building within site/block number:	1 Sunderland Street Waimangaroa 7891
Level/unit number:	0

The owner

Name of owner:	Buller District Council
Contact person:	Rick Barry
Mailing address:	Po Box 21 Westport
Street address/registered office:	
Phone number:	Landline: 7889649 Mobile: 0212020150
Daytime:	No information provided
After hours:	No information provided
Facsimile number:	No information provided
Email address:	rick.barry@bdc.govt.nz
Website:	No information provided

First point of contact for communications with the building consent authority:
Allan Walters (Gowans Walters & Associates Ltd); Mailing Address: Po Box 3608
Richmond 7050; Phone: 035449499; Email: allan@gowanswalters.co.nz

Building work

The following building work is authorised by this building consent:
internal alterations to existing building and construction of an accessible ramp

This building consent is issued under section 51 of the Building Act 2004. This building consent does not relieve the owner of the building (or proposed building) of any duty or responsibility under any other Act relating to or affecting the building (or proposed building). This building consent also does not permit the

construction, alteration, demolition, or removal of the building (or proposed building) if that construction, alteration, demolition, or removal would be in breach of any other Act.

Conditions

This building consent is subject to the following conditions:

Section 90 - Inspections by Building Consent Authorities: (1) Every building consent is subject to the condition that agents authorised by the building consent authority for the purposes of this section are entitled, at all times during normal working hours or while building work is being done, to inspect-
(a) land on which building work is being or is proposed to be carried out; and
(b) building work that has been or is being carried out on or off the building site; and
(c) any building.

(2) The provisions (if any) that are endorsed on a building consent in relation to inspection during the carrying out of building work must be taken to include the provisions of this section.

(3) In this section, inspection means the taking of all reasonable steps to ensure that building work is being carried out in accordance with a building consent.

Copies of all site reports/records must be provided to the Building Consent Authority as work proceeds for their records, please forward these to bca@bdc.govt.nz referencing the building consent number.

Inspections
The following inspections are required:

- Wastepipes
- Preline
- Drainage
- Framing / Pre-wrap
- Post Line
- Final

Documents required
Wastepipes

- G13: Underslab plumbing as-built & plumbers details

Preline

- G12: Pipework pressure test documentation
- G13: Pressure test verification (PS3), plumber details

Drainage

- G13: As-builts, drainlayer details, pipework test

Final

- G9: Energy works certificate
- G10 & G11: Energy works certificate

Compliance schedule

A compliance schedule is not required for the building.

Attachments

Copies of the following documents are attached to this building consent:

- Advice notes

Signature: Richard Knudsen
Position: Senior Building Inspector
On behalf of: Buller District Council
Issue Date: 17 February 2021

Advice notes

Pressure Test Certificate: Upon completion of the building work the plumber shall provide a pressure test certificate to the owner to submit with their documentation for code compliance certificate application.

Section 363 - Certificate of Public Use: As the proposed building work relates to a public building, you are advised that under section 363 of the Building Act 2004 those parts of the building affected by the building work must not be occupied until such time as a code compliance certificate has been issued or a certificate of public use (CPU) is obtained. Please be advised that the Territorial Authority has 20 working days to grant or refuse application for CPU.

Inspection Schedule: This sets out the required inspections for each building individually, the inspection charges however are based on both buildings being constructed and inspected at the same time. If inspected separately additional inspections will be charged accordingly.

Inspection Charges: As some inspections are able to be combined, we have charged for 4 inspections only. If additional inspections are required these will be identified and charged prior to issuing of code compliance certificate.

MEETING OF THE WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE AT 5.30PM, THURSDAY 25 JUNE 2020 AT THE WAIMANGAROA RESERVE HALL.

PRESENT: Susan Lightbown, Barry Lightbown, Allan Brown, Pamila Brown, Beverley Morrow, David Orchard, Carmel Whittle

IN ATTENDANCE: Mary Wilson (Executive Assistant Commercial & Corporate Services)

APOLOGIES: Tyler Croft

MEETING DECLARED OPEN AT 5:45Pm

1. APOLOGIES (p3)

Discussion
An apology was received from Tyler Croft.

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee receive and accept apologies from Tyler Croft.

Bev Morrow/Sue Lightbown
7/7
CARRIED UNANIMOUSLY

2. MEMBERS INTEREST (p4)

Discussion
Nil

RESOLVED that Members of the **Waimangaroa Reserve and Hall Subcommittee** did not disclose any financial or non-financial interests relating to agenda items.

CARRIED UNANIMOUSLY

3. ACKNOWLEDGEMENT AND RECOGNITION OF PREVIOUS BOARD (p5)

Discussion
Previous members are to be recognised.

RESOLVED that the **Waimangaroa Reserve and Hall Subcommittee** agree to recognise the dedication and level of contribution from past committee members of the Waimangaroa Reserve Board and thanks them for their effort.

Bev Morrow/Carmel Whittle
7/7
CARRIED UNANIMOUSLY

4. APPOINTMENTS TO THE WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE (p6)

Discussion
The subcommittee are to decide on a voting system, then make appointments to the Chairperson, Deputy Chairperson, Secretary and Treasurer roles.

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee:

1. Refer to clause 5.6 of Buller District Council's Standing Orders to choose either System A or System B to determine a voting system to appoint the chairperson, deputy chairperson, secretary and treasurer; and

2. Accept nominations for the positions of chairperson, deputy chairperson, secretary and treasurer and use the above agreed voting system to appoint these positions.

Barry Lightbown/Sue Lightbown
7/7
CARRIED UNANIMOUSLY

System B voting system as per the Buller District Council Standing Orders was agreed upon.

The following members were nominated for these roles and accepted the positions:

Chairperson
Appointed: Beverley Morrow

Deputy Chairperson
Appointed: Barry Lightbown

Secretary
Appointed: David Orchard

Treasurer
Appointed: David Orchard

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee approve the nomination of **Beverley Morrow** to the role of **Chairperson**.

David Orchard/Barry Lightbown
7/7
CARRIED UNANIMOUSLY

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee approve the nomination of **Barry Lightbown** to the role of **Deputy Chairperson**.

David Orchard/Bev Morrow
7/7
CARRIED UNANIMOUSLY

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee approve the nomination of **David Orchard** to the role of **Secretary.**

Barry Lightbown/Sue Lightbown
7/7
CARRIED UNANIMOUSLY

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee approve the nomination of **David Orchard** the role of **Treasurer.**

Bev Morrow/Allan Brown
7/7
CARRIED UNANIMOUSLY

5. TERMS OF REFERENCE (p8)

Discussion
General Terms of Reference including delegated authorities were presented to the meeting for discussion and information.

The Subcommittee were instructed to discuss the TOR further at a workshop and decide on the levels of delegated authority, meeting frequency, etc, that would be suitable for their situation. This will then go back to Council as a recommendation to adopt.

A workshop would be arranged to decide delegated authority and the frequency of meetings etc.

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee receive the Terms of Reference for information.

Allan Brown/Sue Lightbown
7/7
CARRIED UNANIMOUSLY

6. CONFIRMATION OF MINUTES (p12)

Discussion
Minutes from 12 March 2020 were tabled.

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee receive minutes from the Waimangaroa Reserve Board from 12 March 2020
.

David Orchard/Bev Morrow
7/7
CARRIED UNANIMOUSLY

7. FINANCIAL AND GOVERNANCE RESPONSIBILITIES (p16)

Discussion
An overview of the process was given, with a video shown. How to apply for external funding was discussed.

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee discuss financial and governance responsibilities of being a subcommittee of Buller District Council.

Allan Brown/Carmel Whittle
7/7
CARRIED UNANIMOUSLY

8. GENERAL BUSINESS (p17)

Discussion
The Reserve Management Plan was briefly discussed.

RESOLVED that the Waimangaroa Reserve and Hall Subcommittee discuss general business items, to be limited to discussions and timelines.

Carmel Whittle/Sue Lightbown
7/7
CARRIED UNANIMOUSLY

- There being no further business the meeting concluded at 6.29pm.
- **Next meeting:** To be confirmed

Confirmed: ……..……**Date**: ……..

MEETING OF THE WAIMANGAROA RESERVE & HALL SUBCOMMITTEE AT 5PM, 07 MARCH 2022 AT THE WAIMANGAROA RESERVE HALL

PRESENT: Bev Morrow (Chair), Carmel Whittle, Susan Lightbown, Barry Lightbown (Deputy Chair), David Orchard (Secretary & Treasurer), Councillor Grant Weston (Elected Member Representative)

APOLOGIES: Nil

IN ATTENDANCE: Krissy Trigg (Acting GM Community Services), Bronwyn Little (Policy Advisor), Keiron Duncan (Community Facilities Support Officer), Virginia Hill (Governance Assistant)

MEETING DECLARED OPEN AT: 5.07pm

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1. APOLOGIES (p3)

Discussion:

RESOLVED that there are no apologies to be received.

Susan Lightbown/Barry Lightbown
6/6
CARRIED UNANIMOUSLY

2. MEMBERS INTEREST (p4)

Discussion:

Carmel Whittle queried a conflict of interest with Bev Morrow's husband working on the hall.

Krissy Trigg (Acting GM Community Services) established there was no conflict of interest and any concerns could be discussed during general business.

RESOLVED that Waimangaroa Reserve & Hall Subcommittee disclose any financial or non-financial interest in any of the agenda items.

Bev Morrow/Susan Lightbown
6/6
CARRIED UNANIMOUSLY

3. CONFIRMATION OF MINUTES (p5)
Discussion:

The minutes of the previous meeting were read and confirmed.

David Orchard commented that it was ludicrous to confirm the minutes of a meeting held two years ago.

Krissy Trigg (Acting GM Community Services) agreed and acknowledged it was best practise to have minutes available immediately after the meeting.

Ms Trigg apologised for the delay and said there would be better communication in the future.

RESOLVED that the Waimangaroa Reserve & Hall Subcommittee receive and confirm minutes from the meeting of 25 June 2020.

Barry Lightbown/Bev Morrow
6/6
CARRIED UNANIMOUSLY

4. GENERAL BUSINESS (p10)
Discussion:

4.1 Funding
David Orchard had sent a letter to Krissy Trigg prior to the meeting regarding funding streams and the ong-going electricity account.

Not all subcommittee members had read the letter.

4.2 Building progress
Builder Chris Enoka provided an update on progress saying gib was being put up at the moment.

Ms Trigg reminded the subcommittee that Provincial Growth Fund money had been provided and that the Waimangaroa Hall was one of the larger upgrades that had been granted funds.

It was necessary to do monthly reports for any money given by central Government.

Ms Trigg thanked Mr Enoka for coming on board with the project and hoped there would be updates tonight. Keiron Duncan (Community Facilities Support Officer) and Ms Trigg would be writing up the monthly progress report.

Barry Lightbown reported that there had been difficulty getting contractors for the work required.

Ms Trigg acknowledged that this would be a problem due to flood recovery work in Westport.

Mr Lightbown said William Lomax had run electrical wires in the kitchen however it may be necessary to switch electricians.

Mr Enoka commented that this was a big job, to say the least.

Bev Morrow agreed saying the job was made bigger when the project first got underway, particularly when council found asbestos which needed to be removed and made safe. The job went from being just a kitchen makeover to the whole hall being renovated.

Funding was for the kitchen only. Focus was on getting the kitchen up so equipment could be installed and there would be room to work in the main area.

There was no estimated time of completion.

Ms Trigg advised more information may be needed for Provincial Growth Fund reporting. Copies of invoice that had been paid and what was outstanding would be needed so a good financial update could be provided.

Mr Enoka said the project was in it's early stages, completing gib and the ceiling. Birds and rats were causing a fire risk and the hall needed to enclosed as soon as possible.

Subcontractors were needed. Floors had to be done, gib stopping and plastering. As far as installing equipment goes, that was an issue as well and there had been a problem with the rangehood.

Ms Trigg would be in touch after the meeting and Keiron Duncan would be able to assist.

4.3 Council resources and support:
Ms Trigg apologised for the lack of communication in the past. When subcommittees were brought in due to the existing non-complying set up, nobody realised how much work it would be.

Rick Barry had been run off his feet and had not had time to put into projects such as the Waimangaroa Hall as he had wanted to.

The new Team Leader Community Facilities would be dedicated to this process and would be a primary contact and direct line for the subcommittee into Council.

Along with Mr Duncan as support officer they would help get projects like this underway and completed.

Ms Trigg apologised again that this had not been done sooner and adequately resourced. Sharon Mason (Chief Executive Officer) had given a clear directive that this need to be done better.

The new elected member representative on the Waimangaroa Resesrve & Hall Subcommittee, Cr Grant Weston was also an available line of communication.

Council was looking forward to this project being completed and there would be a lot of interest.

Mr Enoka left the meeting at 5.24pm.

Cr Grant Weston clarified that although he was taking Martin Hill's place on the subcommittee, he was not doing any of Mr Hill's work as a Ward Councillor. That would have to wait until after the election.

Councillor Rosalie Sampson had taken over the Mokihinui and Seddonville reserve and hall subcommittees.

4.3 Issues outlined

David Orchard explained that his letter was clear. To put it bluntly the old committee worked in a very friendly and pleasant manner. Council had interfered with that and it was no longer a friendly and functioning subcommittee in a number of areas in his view.

Krissy Trigg noted that the subcommittees were set up as the result of a legal opinion which advised that the existing domain boards were non-complying.

Issues raised by Mr Orchard were discussed and Ms Trigg assured Mr Orchard that there were many reasons why there had not been a formal meeting until now.

Council were committed to being more proactive and staff members would be available to assist with asset and reserve management plans. This was the result of a legal opinion that Council was obliged to adhere to.

Ms Trigg said Council was committed to better communication. There had been discussions about grazing reserve land to raise funds. This could be taken to Council to make sure health and safety was ok for example.

Council appreciated volunteers' work and Council wanted to encourage each subcommittee to add their own "flavour" to decisions made for their community.

Delegations for spending and the frequency of formal meetings in the Terms of Reference were decided on by the subcommittee.

Carmel Whittle reported that she had not been informed of any meetings or group meetings.

There had been tensions due to some opinions within the group. It needed to be recognised that people have a passion for the area and the hall could be a wonderful functioning place for the community.

It was important to respect all and let everyone have a say.

Ms Trigg agreed saying there needed to be general politeness and respect for all members.

To clarify lines of communication Ms Trigg noted that often emails were sent directly to David Orchard as Secretary. This was the same for all subcommittees. This was part of the responsibility of the Secretary.

4.4 Meetings
Formal meetings were when Council staff attended and councillors were invited. As many workshops as required could be held outside of that.

There was a need to act cohesively and get together to plan for funding available from the Annual Plan.

It was up to the subcommittee to arrange workshops.

Sue Lightbown advised there had been no meetings held. There had been a problem with a suitable venue and COVID-19.

4.5 Funding
Bev Morrow asked if the power bill would be covered by Council.

Ms Trigg responded that Council would cover in different ways and perhaps the suggestion to graze land to pay for utilities and raise funds could be explored.

The use of the land for making hay was discussed, along with the possibility of putting in a memorial walkway. The land was too wet however and the Department of Conservation (DOC) would not be happy because of the naturally regenerating wetland.

There was further discussion around fundraising and Ms Trigg suggested funds could be applied for through the Annual Plan and revitalisation grants.

Bronwyn Little (Policy Advisor) noted that often funding was not available for operational expenses, most was only allocated for capital projects. This creates a problem as ongoing expenses still had to be funded.

Bev Morrow would give support office Keiron Duncan a map of the reserve area.

Updates to community bulletins and noticeboards etc were discussed, along with security at the hall.

4.6 Terms of Reference

Ms Trigg referred to the Terms of Reference saying it was necessary to specify the frequency of meetings and delegations for spending. Most subcommittees met twice a year.

The italicised part of page 11 of the agenda had the suggested delegations for spending. Most subcommittees had put this into their Terms of Reference.

Ms Little advised that there was an expectation that the subcommittee would get together and set a budget for the year. Also financial delegations needed to be set – i.e. what level of spending could be signed off by the subcommittee for budgeted and non-budgeted expenses.

If an expense or item was budgeted for and under the value specified in the Terms of Reference, the subcommittee could sign it off without referring to the council.

If it was a non-budgeted item and/or above the value specified some of that responsibility needed to come back to Council.

This was a way to give autonomy for invoices such as electricity. Council would be able to assist with this process.

The Community Facilities team of Gary and Keiron would be available to help.

It was agreed that the financial delegation specified on page 11 of the agenda be accepted.

RESOLVED that the Waimangaroa Reserve & Hall Subcommittee:

1. **Discuss general business items, to be limited to discussions and timelines.**

2. **Recommend to the Community Environment and Services Committee the following to be included in the Waimangaroa Reserve and Hall Subcommittee Terms of Reference:**

"Other delegations and responsibilities:

- All invoices for goods and/or services costing no more than $5,000 for budgeted items, and $1,000 for non-budgeted items may be authorised for payment by the Chairperson or Secretary of the Subcommittee.

- Approval for the payment of invoices over $5,000 for budgeted items and $1,000 for non-budgeted item must be authorised by a Council staff member with appropriate delegated authority

Sue Lightbown/Bev Morrow
6/6
CARRIED UNANIMOUSLY

4.7 Meetings and financials

Krissy Trigg advised that liaison through the Community Facilities team was needed to notify of a formal meeting and to set an agenda.

The subcommittee could advertise workshops as well as formal meetings.

There were many Council grants that could be applied for and she encouraged this however it was also necessary to find other means of contributing to the budget to cover expenses.

The financial statement was discussed and Ms Trigg would email invoices to David Orchard.

Barry Lightbown noted that dealing with asbestos in the hall had cost $10,000 and earthquake strengthening would be required. These were not budgeted for.

Ms Trigg would send out a copy of the actual Provincial Growth Fund application.

The price of materials had increased and there would be an issue obtaining the services of subcontractors.

Any questions could be sent to David and then to the Community Facilities team.

Cr Grant Weston asked to be included in these emails.

3. Receive the Annual Financial Return for the year ended 30 June 2021 for information

Sue Lightbown/Barry Lightbown
6/6
CARRIED UNANIMOUSLY

4.8 Thanks

Bev Morrow would like to thank builder Benny for taking on the task as it was far bigger than expected.

Ms Trigg said the community wouldn't have assets like this if it wasn't for the hard work put in by the subcommittee and offered a huge thank you.

Ms Morrow suggested holding a workshop on the weekend after Easter which would be 24 April 2022 at 5pm.

- There being no further business the meeting concluded at 6.03pm
- **Next meeting:** *To Be Confirmed*

Confirmed: ……..……**Date**: ……..

MEETING OF THE WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE AT 5PM, WEDNESDAY 31 AUGUST 2022 AT THE INANGAHUA JUNCTION HALL.

PRESENT: Bev Morrow (Chair), Susan Lightbown, Barry Lightbown (Deputy Chair), David Orchard (Secretary & Treasurer),

IN ATTENDANCE: G Sran (Team Leader Community Facilities), Kieron Duncan (Community Facilities Officer)

MEETING DECLARED OPEN AT 5.00PM

1. APOLOGIES (Page 3)
Discussion:

Councillor Grant Weston (Elected Member Representative)

RESOLVED:

That the Waimangaroa Reserve Subcommittee receives apologies from G Weston and accepts (insert name) request for leave of absence.

S Lightbown/D Orchard
4/4
CARRIED UNANIMOUSLY

2. MEMBERS INTEREST (Page 4)
Discussion:

B Lightbown has provided a quote for the rest of the plumbing

RESOLVED that Waimangaroa Reserve Subcommittee disclose any financial or non-financial interest in any of the agenda items.

B Morrow/D Orchard
4/4
CARRIED UNANIMOUSLY

3. CONFIRMATION OF MINUTES (Page 5)
Discussion:

Nil

RESOLVED that the Waimangaroa Reserve Subcommittee receive and confirm minutes from the meeting of 7 March 2022

S Lightbown/B Morrow
4/4
CARRIED UNANIMOUSLY

4. WAIMANGAROA HALL – PROJECT REPORT (Page 14)

Discussion:

G Sran spoke to the report.

Background information for Mr Sran was taken from previous meetings and he gave special credit to Mr Lightbown for his excellent work and effort in this project, noting that the project never would have happened without him.

There is $5795.83 left from the budget after paying for works completed.

Mr Sran outlined the major expenses with the project.

There are a few issues with consents due to the change in Scope of Works that is required. Also ensuring everything complies with fire standards etc.

D Orchard noted that he finds it objectionable that Council charges consent work for its own building.

ACTION POINT: Mr Sran believes this is exempted but will confirm this.

D Orchard raised his ongoing concern about the security of items in the hall and would like to have the hall secured.

Quotes have been received for Buller Refrigeration $10k. Coast Electrical $4,575k (this may need amending due to consenting issues). Spouting and Drainage $7,345k.

B Lightbown will endeavour to speak with the manager of Skyline who can possibly provide a roll of steel for spouting at a better price.

D Carmine is to do the floors of the utility kitchen and two toilets.$10,120k.

ACTION POINT: Mr Sran will check other flooring quote and see which is preferable.

7.5k has been quoted for garage carpet. Interior painting is $4,137.12.

The paint will need to be approved first. Toilets are fine to be painted.

If sub floor is needed there would be an additional cost.

S Lightbown advised that Ross Forsyth may have enough carpet squares to cover the hall floor.

ACTION POINT: S Lightbown to have a chat with Ross, ask to view them and check if there is the possibility of having these donated.

Mr Sran advised that there is a rating required for the carpet.

There was a quote of $9,610 + GST for carpentry.

In all, approximately $50k is required to complete these parts of the project.

Mr Sran advised that a driveway and handicapped carpark is also required

Mr Lightbown gave advice on another option for the exterior.

RESOLVED That the Waimangaroa Reserve Subcommittee discuss the Hall budget and Scope of Works

B Morrow/S Lightbown
4/4
CARRIED UNANIMOUSLY

5. GENERAL BUSINESS (Page 17)
Discussion:

B Morrow advised that she was donated approximately 25 native plants to go towards the hedging. There are more available if required.

G Sran advised of the re re-election process for the subcommittee.

BDC will provide the subcommittee with written confirmation of the process.

RESOLVED That the Waimangaroa Reserve Subcommittee discuss general business items

S Lightbown/B Lightbown
4/4
CARRIED UNANIMOUSLY

- There being no further business the meeting concluded at 5.40pm
- **Next meeting:**

Confirmed: ……..……**Date**: ……..

MEETING OF THE WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE, HELD AT 5PM ON WEDNESDAY 8 MARCH 2023 AT THE WAIMANGAROA HALL

PRESENT: S Lightbown, B Lightbown, D Orchard, J McDonald, A Perry, Cr T O'Keefe, Cr R Sampson, B Morrow from 5.40pm

APOLOGIES: Sally Brown

IN ATTENDANCE: A Whiteman, K Trigg (GM Community Services), J Sellaiah (Subcommittee Community Liaison Officer), G Barrell (Governance Secretary)

MEETING DECLARED OPEN AT: 5:03pm

Application received from Andrew Wiseman to be formally appointed.

K Trigg opened the meeting and introductions were made.

1. APOLOGIES (Page 6)

Discussion:

Sally Brown, Bev Morrow (late), Carmel Whittle (absent)

RESOLVED that the Waimangaroa Reserve Subcommittee receives apologies from Sally Brown and noting that Bev Morrow will be late.

Cr T O'Keefe/B Lightbown
6/6
CARRIED UNANIMOUSLY

2. MEMBERS INTEREST (Page 7)

Discussion:

Nil

RESOLVED that Waimangaroa Reserve Subcommittee disclose any financial or non-financial interest in any of the agenda items.

S Lightbown/A Perry
6/6
CARRIED UNANIMOUSLY

3. CONFIRMATION OF MINUTES (Page 8)

Discussion:

Replace Inangahua Hall as location - completed.

Action Point regarding carpet should be Bev Morrow speaking to Ross Forsyth - completed.

RESOLVED that the Waimangaroa Reserve Subcommittee receive and confirm minutes from the meeting of 31 August 2022.

S Lightbown/J McDonald
6/6
CARRIED UNANIMOUSLY

4. ACTION POINTS (Page 12)

Discussion:

1: Does Council charge for consent work for its own building? - Completed

2: Check other flooring quote to see which is preferable - Completed

3: Bev to speak with Ross re carpet squares - To continue till next meeting.

RESOLVED that the Waimangaroa Reserve Subcommittee receive and Action Point report for information.

B Lightbown/S Lightbown
6/6
CARRIED UNANIMOUSLY

5. APPOINTMENT OF CHAIR (Page 14)

The following resolutions were made:

RESOLVED That the Waimangaroa Reserve Subcommittee elect B Morrow as Chairperson.

B Lightbown/S Lightbown
6/6
CARRIED UNANIMOUSLY

RESOLVED That the Waimangaroa Reserve Subcommittee elect D Orchard as Secretary.

S Lightbown/A Perry
6/6
CARRIED UNANIMOUSLY

RESOLVED That the Waimangaroa Reserve Subcommittee elect D Orchard as Treasurer.

B Lightbown/J McDonald
6/6
CARRIED UNANIMOUSLY

RESOLVED That the Waimangaroa Reserve Subcommittee elect B Lightbown as Deputy Chairperson.

Cr T O'Keefe/S Lightbown
6/6
CARRIED UNANIMOUSLY

6. NEW ITEM: GRANTING SPEAKING RIGHTS:

RESOLVED that Waimangaroa Reserve Subcommittee grant speaking rights to Cr R Sampson and Andrew Wiseman

A Perry/S Lightbown
6/6
CARRIED UNANIMOUSLY

6. FINANCE REPORT (Page 15)

K Trigg advised of the requirements for the finance report to be presented at subcommittee meetings.

Currently council pays the bills and once the hall starts making money, the subcommittee will begin paying.

K Trigg advised of the necessity to have bank account owners and not just signatories.

Signatories are currently B Morrow, B Lightbown and D Orchard.

RESOLVED That the Waimangaroa Reserve Subcommittee discuss the Finance Report

S Lightbown/A Perry
6/6
CARRIED UNANIMOUSLY

7. GENERAL BUSINESS (Page 16)

Discussion:

D Orchard expressed concern around the Terms of Reference (TOR) and asked who had adopted these.

K Trigg advised that all subcommittees had these adopted by CESC.

Subcommittee members were reminded that the meeting was an official council meeting and of the requirement to follow speaking processes within council meetings.

Discussion was had regarding the subcommittee members and the number of members and requirements.

The subcommittee was reminded that there is a fair process in place for the selection of the members.

B Lightbown spoke regarding the hall and scope of works. He would like the communication to improve as he needs to know what is happening to allow him to manage things and get work done.

ACTION POINT: B Lightbown to be included as Project Manager in correspondence with building inspector and builder. Phone call initially if able to, and then followed up with email.

He updated the subcommittee on the renovations on the hall.

They are keen to go to council funding for garage carpet and heatpumps.

There was a question as to whether fireproof floor coverings were a requirement.

ACTION POINT: K Trigg to check with R Knudsen and advise.

K Trigg advised that the grants timeline has closed. Kieron is trying to see what the remaining budget requirements are.

ACTION POINT: B Lightbown to send through quotes for completion.

Currently coming out the repairs and maintenance budget within the Reserves & Halls budgets.

K Trigg clarified that council was only seeking input for Asset Management Plan not suggestions specifically. This will help to understand where the reserves contribution fund can be accessed.

B Morrow arrived at 5.40pm.

K Trigg assured the subcommittee that the hall will be completed.

ACTION POINTS: J Sellaiah will send through the link for the subcommittee to be able to access information for the funding rounds.

RESOLVED That the Waimangaroa Reserve Subcommittee discuss general business items

S Lightbown/A Perry
7/7
CARRIED UNANIMOUSLY

- There being no further business the meeting concluded at 5.45pm
- **Next meeting:**

Confirmed: …… **Date**: ……..

AGENDA

Meeting of the:
Waimangaroa
Reserve and Hall Subcommittee

Sunday 12 May 2024

5:00pm at the

Waimangaroa Domain
Corner of Sunderland and
Newcastle Street, Waimangaroa

Reserves And Halls Subcommittees

Reports to: Risk and Audit Committee

Meeting Frequency: Annually and as required

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1. PURPOSE:

1.1 The purpose of Reserve and Hall Subcommittee is to manage the X reserve and hall with the support of Council;

1.2 In making these delegations the Council recognises that it is ultimately responsible for the reserves and halls in the district under the Instrument of Delegation for Territorial Authorities dated 12 June 2013 and as the administering body (specific to each reserve) under S.40 Reserves Act 1977.

2. COUNCIL RESPONSIBILITIES:

2.1 The Risk and Audit Committee will appoint members of the Subcommittees under Schedule 7 cl31(2) LGA 2002

2.2 In partnership with the Subcommittee and local community endeavour to develop Reserve Management Plans in accordance with s41 Reserves Act 1977, to provide clear guidelines for maintenance and development programmes in the best interests of the local community and District and within the provisions of the Reserves Act 1977.

2.3 If disputes arise concerning these terms of reference or any other matter concerning the Subcommittee, cooperatively work to find a resolution with all parties adhering to the Principles of Governance as set out in Section 3 of the Council's Code of Conduct;

2.4 If a dispute resolution cannot be reached, to use an appropriate independent mediator to mediate between the parties or an arbitrator to help produce a resolution which is acceptable to both parties and does not in any way contradict the provisions and responsibilities of Council as set out in the LGA 2002 or the Reserves Act 1977;

2.5 To produce and distribute the Subcommittee Order Paper for the formal annual/biennial subcommittee meeting, give public notice for the meeting and, if required, to provide secretarial support at the meeting;

3. GENERAL TERMS OF REFERENCE:

The Subcommittees

3.1 Are to be formally appointed by the Risk and Audit Committee under cl30 (2), Schedule 7 LGA Act 2002, which has the power under cl30(b), Schedule 7 LGA2002 to discharge or reconstitute the subcommittee and under cl31(2) to appoint and discharge members of the Subcommittee

3.2 Will be discharged on the coming into office of the members of Council elected at the triennial general election of members unless Council resolves otherwise

3.3 Will be formally appointed by Council following the Local Government triennial election of members in the following way:

Following a call for expressions of interest from those living within the local area who have been nominated by at least two residents or ratepayers within the local area and have the skills, attributes, or knowledge that will assist the work of the subcommittee

3.4 Is subject in all things to the control of the Risk and Audit Committee (s30 (4) Schedule 7 LGA 2002) and must carry out all general and special directions of the Risk and Audit Committee given in relation to the Subcommittee or its affairs;

3.5 Is prohibited from the disposing of or purchasing of land or buildings without the express approval of the Risk and Audit Committee and/or Council, whichever is appropriate; and

3.6 Is prohibited from appointing any subordinate body.

4. The role of Reserve and Halls Subcommittees is to:

4.1 Manage the reserve and hall for the benefit of the local community and wider district (including all that land identified in Appendix 1) in accordance with the Reserves Act 1977 and the Reserve Management Plan when it is completed and approved;

4.2 Develop, in partnership with Council, Reserve Management Plans where required and within Council's budgets as set out in Council's Annual Plan;

4.3 Make recommendations to council on property (including land & buildings) acquisitions and disposals in relation to the reserve or hall.

4.4 Develop and approve an annual budget each financial year to achieve 4.1 above

5. Delegations

The delegations to the Subcommittee are as follows:

5.1 The maintenance and operation of the reserve

5.2 The negotiation of Licences to Occupy for the reserve provided such licence shall be temporary in nature (up to 3 years) and capable of being terminated on no more than one month's notice, and be in accordance with The Reserves Act 1977 Section 74 Licences to Occupy reserves temporarily

5.3 The letting of facilities

5.4 The setting of fees and charges for the reserve (Council to be advised of fees and charges for each following financial year by February of each year)

5.5 The raising and expenditure of finance (in accordance with the financial delegations below)

5.6 To enter contracts necessary for the efficient running and suitable use of the reserve in accordance with the financial delegations below;

6. FINANCIAL

6.1 Invoices

All invoices for goods and/or services costing no more than $10,000 for budgeted items, and $2,000 for non-budgeted items may be authorised for payment by the Treasurer and Secretary of the Subcommittee.

Approval for the payment of invoices over $10,000 for budgeted items and $2,000 for non-budgeted items must be authorised by a Council staff member with appropriate delegated authority.

6.2 Contracts

All contracts for goods and/or services costing no more than $10,000 for budgeted items, and $2,000 for non-budgeted items may be authorised by the Treasurer and Secretary of the Subcommittee.

Approval of contracts over $10,000 for budgeted items and $2,000 for non-budgeted items must be authorised by a Council staff member with appropriate delegated authority

7. EXERCISE OF DELEGATIONS

In exercising the delegated powers, the Subcommittee will operate within:

7.1 Policies, plans, standards or guidelines that have been established and approved by Council;

7.2 The annual budget as approved by the Risk and Audit Committee;

7.3 All general and special directions of the Risk and Audit Committee and Council given in relation to the Subcommittee.

8. POWER TO DELEGATE

The Subcommittee may not delegate any of their responsibilities, duties or powers to a committee, subcommittee or person.

9. CESSATION OF SUBCOMMITTEE

9.1 The Subcommittee may be terminated by resolution of the Risk and Audit Committee or Council;

9.2 If the Subcommittee is terminated, any money raised by the Subcommittee must, in the first instance, be allocated to the reserve associated to the terminated Subcommittee

10. Matters which are not delegated by council:

10.1 The power to:

- Make a rate or bylaw;
- Borrow money, or purchase or dispose of assets;
- Acquire, hold or dispose of property;
- Appoint, suspend or remove staff;
- Institute an action for the recovery of any amount; or
- Issue and police building consents, notices, authorisations, and requirements under any Acts, Statutes, Regulations, By–laws and the like

10.2 The powers and duties conferred or imposed on Council by The Public Works Act 1981 or those powers listed in the Section 34 (2) of The Resource Management Act 1991

11. Membership

The membership of the Subcommittee consists of:

11.1 One Ward member elected under the Local Electoral Act 2001; and

11.2 Appointed members – up to 10 following a call for expressions of interest from those living within the local area who have been nominated by at least two residents or ratepayers within the local area and have the skills, attributes, or knowledge that will assist the work of the subcommittee

12. Officers of the Subcommittee

The Subcommittee must have a chairperson, secretary, and treasurer and up to seven committee members who shall be appointed by Council (as outlined in 3.3 above)

12.1 The Chair's main duty is to guide the meeting so that fair and satisfactory decisions are reached on the various items on the agenda.

12.2 The Secretary shall summon the meetings, co-ordinate the agenda for meetings and workshops, keep a true record of the proceedings and distribute these to members and the Risk and Audit committee as soon as practicable. Noting that the annual or biennial formal meeting will be managed by council staff.

12.3 The Treasurer is responsible for oversight of payments made, and deposits to, the subcommittee's nominated bank account; and to prepare income and expenditure accounts with a balance sheet at the end of the financial year to be audited by Council. The annual balance date for all financial reports shall be June 30th.

13 FINANCIAL ACCOUNTABILITY

13.1 The Subcommittee shall:

i) Develop and approve an annual budget each financial year
ii) Provide its Annual budget by the dates specified by Council's Risk and Audit Committee for approval;
iii) Present to the Council any other report it is requested to provide.
iv) Keep clear and accurate accounts and records of all transactions and make them available to the Council on request.

v) Provide its Annual Report and Annual Accounts to the Council's Chief Financial Officer, by the date specified by Council for review on the understanding this review will form part of the information Council will present during its overall annual Audit.

13.2 Members of the Subcommittee shall not be personally liable for any act done or omitted to be done in good faith in the course of operations of the Subcommittee or for any debt or other liability lawfully incurred by the Subcommittee.

14 CONTACT WITH MEDIA

Chairperson may speak on behalf of the subcommittee provided that:

i) media comments must not state or imply that they represent the views of the Council;

ii) where the chair is making a statement that is contrary to a Council decision or Council policy, the member must not state or imply that his or her statements represent a majority view;

iii) media comments must observe the other requirements of the Code (of Conduct), e.g. not disclose confidential information; compromise the impartiality or integrity of staff; or avoids aggressive, offensive or abusive comments which reflects adversely on the member or the Council; and

iv) media comments must not be misleading and should be accurate within the bounds of reasonableness.

All Subcommittee Members are free to express a personal view in the media, at anytime, provided i) to iv) above are observed.

15 Frequency of meetings

15.1 The Subcommittee shall hold at least one formal meeting per year.

15.2 This formal meeting will be administered by Council and follow all requirements for council meetings including agenda compilation (with Chair), advertising, distribution of agenda, secretarial and officer support at meeting if required and preparation and distribution of minutes;

15.3 For the avoidance of doubt, this clause does not prevent the Subcommittee holding informal meetings, workshops or working bees outside of the formal meeting schedule

16 CONDUCT OF AFFAIRS

The Subcommittee shall conduct its affairs in accordance with the Local Government Act 2002, the Local Government Official Information and Meetings Act 1987, the Local Authorities (Members' Interests) Act 1968, and Council's Standing Orders and Code of Conduct.

17 QUORUM

The quorum at a meeting of the Subcommittee shall consist of:

- Half of the members if the number of members (including vacancies) is even; or
- A majority of members if the number of members (including vacancies) is odd.

18 REMUNERATION

No honorarium or meeting allowance will be payable to Subcommittee members unless first agreed by formal resolution of the Risk and Audit Committee.

19 OTHER DELEGATIONS AND RESPONSIBILITIES

These general provisions and delegations can be superseded by specific Reserve Management Plans and Reserve and Hall Subcommittee Terms of Reference and Delegations in consultation with the subcommittee and as resolved by the Risk and Audit Committee.

Waimangaroa Reserve & Hall Subcommittee

Venue: Waimangaroa Domain, Corner of Sunderland and Newcastle Street, Waimangaroa

12 May 2024 05:00 PM

Agenda Topic

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 1

Prepared by Jason Sellaiah
Subcommittee Liaison Officer

APOLOGIES

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1. REPORT SUMMARY

That the Waimangaroa Reserve and Hall Subcommittee receive any apologies or requests for leave of absence from members.

2. DRAFT RECOMMENDATION

That there are no apologies to be received and no requests for leave of absence.

OR

That the Waimangaroa Reserve and Hall Subcommittee receives an apology from (insert committee members name).

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

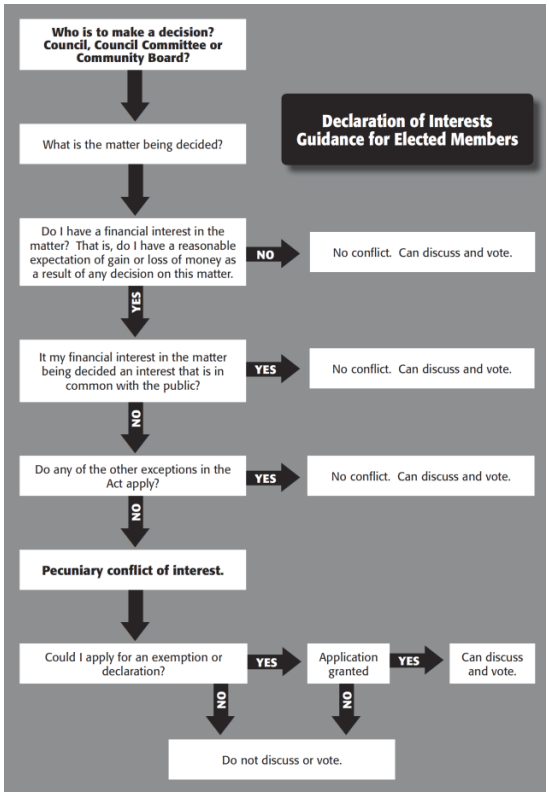
AGENDA ITEM: 2

Prepared by Jason Sellaiah
Subcommittee Liaison Officer

MEMBERS INTEREST

Members of the Waimangaroa reserve and hall subcommittee are encouraged to consider the items on the agenda and disclose whether they believe they have a financial or non-financial interest in any of the items in terms of Council's Code of Conduct.

The attached flowchart may assist committee members in making that determination (Appendix A from Code of Conduct).



DRAFT RECOMMENDATION:

That the Waimangaroa Reserve and Hall Subcommittee members disclose any financial or non-financial interest in any of the agenda items.

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

15 MAY 2024

AGENDA ITEM: 3

Prepared by Jason Sellaiah
Subcommittee Liaison Officer

Attachments 1. Waimangaroa RHS Minutes 8 March 2023 Unconfirmed.

CONFIRMATION OF MINUTES

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve and Hall Subcommittee receive and confirm previous minutes from 8 March 2023.

BULLER DISTRICT COUNCIL
Te Kaunihera O Kawatiri

MEETING OF THE WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE, HELD AT 5PM ON WEDNESDAY 8 MARCH 2023 AT THE WAIMANGAROA HALL

PRESENT: S Lightbown, B Lightbown, D Orchard, J McDonald, A Perry, Cr T O'Keefe, Cr R Sampson, B Morrow from 5.40pm

APOLOGIES: Sally Brown

IN ATTENDANCE: A Whiteman, K Trigg (GM Community Services), J Sellaiah (Subcommittee Community Liaison Officer), G Barrell (Governance Secretary)

MEETING DECLARED OPEN AT: 5:03pm

Application received from Andrew Wiseman to be formally appointed.

K Trigg opened the meeting and introductions were made.

1. APOLOGIES (Page 6)
Discussion:

Sally Brown, Bev Morrow (late), Carmel Whittle (absent)

RESOLVED that the Waimangaroa Reserve Subcommittee receives apologies from Sally Brown and noting that Bev Morrow will be late.

Cr T O'Keefe/B Lightbown
6/6
CARRIED UNANIMOUSLY

2. MEMBERS INTEREST (Page 7)
Discussion:

Nil

RESOLVED that Waimangaroa Reserve Subcommittee disclose any financial or non-financial interest in any of the agenda items.

S Lightbown/A Perry
6/6
CARRIED UNANIMOUSLY

3. CONFIRMATION OF MINUTES (Page 8)
Discussion:

Replace Inangahua Hall as location - completed.

Action Point regarding carpet should be Bev Morrow speaking to Ross Forsyth - completed.

RESOLVED that the Waimangaroa Reserve Subcommittee receive and confirm minutes from the meeting of 31 August 2022.

S Lightbown/J McDonald
6/6
CARRIED UNANIMOUSLY

4. ACTION POINTS (Page 12)
Discussion:
1: Does Council charge for consent work for its own building? - Completed

2: Check other flooring quote to see which is preferable - Completed

3: Bev to speak with Ross re carpet squares - To continue till next meeting.

RESOLVED that the Waimangaroa Reserve Subcommittee receive and Action Point report for information.

B Lightbown/S Lightbown
6/6
CARRIED UNANIMOUSLY

5. APPOINTMENT OF CHAIR (Page 14)

The following resolutions were made:

RESOLVED That the Waimangaroa Reserve Subcommittee elect B Morrow as Chairperson.

B Lightbown/S Lightbown
6/6
CARRIED UNANIMOUSLY

RESOLVED That the Waimangaroa Reserve Subcommittee elect D Orchard as Secretary.

S Lightbown/A Perry
6/6
CARRIED UNANIMOUSLY

RESOLVED That the Waimangaroa Reserve Subcommittee elect D Orchard as Treasurer.

B Lightbown/J McDonald
6/6
CARRIED UNANIMOUSLY

RESOLVED That the Waimangaroa Reserve Subcommittee elect B Lightbown as Deputy Chairperson.

Cr T O'Keefe/S Lightbown
6/6
CARRIED UNANIMOUSLY

6. NEW ITEM: GRANTING SPEAKING RIGHTS:

RESOLVED that Waimangaroa Reserve Subcommittee grant speaking rights to Cr R Sampson and Andrew Wiseman

A Perry/S Lightbown
6/6
CARRIED UNANIMOUSLY

6. FINANCE REPORT (Page 15)

K Trigg advised of the requirements for the finance report to be presented at subcommittee meetings.

Currently council pays the bills and once the hall starts making money, the subcommittee will begin paying.

K Trigg advised of the necessity to have bank account owners and not just signatories.

Signatories are currently B Morrow, B Lightbown and D Orchard.

RESOLVED That the Waimangaroa Reserve Subcommittee discuss the Finance Report

S Lightbown/A Perry
6/6
CARRIED UNANIMOUSLY

7. GENERAL BUSINESS (Page 16)

Discussion:

D Orchard expressed concern around the Terms of Reference (TOR) and asked who had adopted these.

K Trigg advised that all subcommittees had these adopted by CESC.

Subcommittee members were reminded that the meeting was an official council meeting and of the requirement to follow speaking processes within council meetings.

Discussion was had regarding the subcommittee members and the number of members and requirements.

The subcommittee was reminded that there is a fair process in place for the selection of the members.

B Lightbown spoke regarding the hall and scope of works. He would like the communication to improve as he needs to know what is happening to allow him to manage things and get work done.

ACTION POINT: B Lightbown to be included as Project Manager in correspondence with building inspector and builder. Phone call initially if able to, and then followed up with email.

He updated the subcommittee on the renovations on the hall.

They are keen to go to council funding for garage carpet and heatpumps.

There was a question as to whether fireproof floor coverings were a requirement.

ACTION POINT: K Trigg to check with R Knudsen and advise.

K Trigg advised that the grants timeline has closed. Kieron is trying to see what the remaining budget requirements are.

ACTION POINT: B Lightbown to send through quotes for completion.

Currently coming out the repairs and maintenance budget within the Reserves & Halls budgets.

K Trigg clarified that council was only seeking input for Asset Management Plan not suggestions specifically. This will help to understand where the reserves contribution fund can be accessed.

B Morrow arrived at 5.40pm.

K Trigg assured the subcommittee that the hall will be completed.

ACTION POINTS: J Sellaiah will send through the link for the subcommittee to be able to access information for the funding rounds.

RESOLVED That the Waimangaroa Reserve Subcommittee discuss general business items

S Lightbown/A Perry
7/7
CARRIED UNANIMOUSLY

- There being no further business the meeting concluded at 5.45pm
- **Next meeting:**

Confirmed: …….…… **Date**: …….……..…..

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 4

Prepared by - Jason Sellaiah
- Subcommittee Liaison Officer

NEW MEMBER APPOINTMENT

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve & Hall Subcommittee accept the following new member/members

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 5

Prepared by - Jason Sellaiah
- Subcommittee Liaison Officer

Attachments 1. Waimangaroa 2023 Annual Return

FINANCE REPORT

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve & Hall Subcommittee receive the financial report for information.

Waimangaroa Reserve Sub-Committee

Statement of Receipts and Payments
For the Year Ended 30 June 2023

RECEIPTS		$	PAYMENTS		$
Opening Bank A/c Balance on 1 July 2022		34.96	Capital:	Buildings/Fencing	
Less Unpresented Cheques				Drainage	
				Grass & Sports Fields	
Plus Cash on Hand				Plant/Tools	
Plus Investment A/c's		0.52			
Sub-total		35.48			
Grants:	Government		Operations:	Wages & ACC	
	Council			Materials & Tools	
				General Repairs	
				Power	
				Fuel/Lawn Mowing	
Rents:	Lease Rentals				
	Hall Hire				
	Camping Fees				
	Sports Bodies Fees		Admin:	Printing, Stationery & Postage	
				Advertising	
				Secretary Salary	
				Insurance	
Sales:	Fundraising			Rates	
	Events			Bank Fees/RWT	
			Sub-total		
Interest Received					
			Closing Bank A/c Balance on 30 June 2023		34.96
Donations			Less Unpresented Cheques		
Other			Plus Cash on Hand		
			Plus Investment A/cs		0.52
TOTAL		35.48	**TOTAL**		35.48

Statement of Assets and Liabilities as at 30 June 2023

LIABILITIES	$	ASSETS	$
TOTAL		**TOTAL**	

I declare that the information in this report is correct, and that it provides a true and complete account of both the receipts and payments of the Reserve Sub-Committee for the year ended 30 June 2023 and of the assets and liabilities at that date.

Dated at: _____ 2023 _____ Chairperson

The Buller District Council having performed an audit of this annual report is of the opinion that it presents a true and fair view of the Reserve Sub-Committee's financial position as at 30 June 2023 and the results of operations for the year ended at that date.

Dated at: _____ 2023 _____ Accountant

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 6

Prepared by - Jason Sellaiah
- Subcommittee Liaison Officer

BUDGETS – PROPOSED PROJECTS / EXPENDITURE 2024-2025

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve & Hall Subcommittee discuss the Budgets – Proposed Projects / Expenditure 2024-2025

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 8

Prepared by Jason Sellaiah
Subcommittee Liaison Officer

ENHANCED ANNUAL PLAN SUBMISSION

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve and Hall Subcommittee discuss the Enhanced Annual Plan Submission

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 9

Prepared by Jason Sellaiah
Subcommittee Liaison Officer

TERMS OF REFERENCE

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve and Hall Subcommittee discuss the Terms of Reference.

WAIMANGAROA RESERVE AND HALL SUBCOMMITTEE

12 MAY 2024

AGENDA ITEM: 7

Prepared by Jason Sellaiah
Subcommittee Liaison Officer

GENERAL BUSINESS

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1. DRAFT RECOMMENDATION

That the Waimangaroa Reserve and Hall Subcommittee discuss general business

Applicant's details

For photocopying purposes, please use a black pen to complete this form on paper. Please ensure you complete all sections with as much detail as possible.

Name of your community group:
Waimangaroa Domain Subcommittee

Legal status of your community group (e.g. trust, incorporated society, club, registered charity, board, sub-committee)
Subcommittee

Postal address: [redacted]

Postcode: [redacted] **Email:** [redacted]

Contact people:

Name	Position in organisation	Daytime phone number
Main contact: [redacted]	[redacted]	[redacted]
Secondary contact: [redacted]	[redacted]	[redacted]

When was the group established?

The Waimangaroa Domain Board was established many years ago. The Board has since been subsumed into a subcommittee of Buller District Council.

What are your group's main objectives?

Our main objectives are to create an organization and venue to foster community amenities, employment, culture, and recreation. We want to Upgrade the building to facilitate its use as a viable community facility for education, recreation, commercial use and a place of public gathering and to enhance the grounds to facilitate sports and recreation and create an historical precinct.

Community engagement

Describe how you have engaged with your community to identify the project(s) you are applying for?

Mainly through word-of-mouth discussions with anyone with the time or interest to talk about community matters. It is a constant topic of discussion at 'The Scullery' coffee cart operated by Bev Morrow at Waimangaroa, which is the only regular meeting place within a 20-kilometre radius.

Project details

About your project(s):
Summarise your project here. Attach full details of your project to your application (including scope of work, affected parties, timeline and key milestones, concept drawings and outcomes).

We have 6 stages to complete. We are asking for help with some funding for stage two, which will get the Domain main hall painted. We have attached a scope of works & a Gant chart. Our timeline is within the next 3-6 months.
Our key milestone is getting stage one to the point where the community can use the commercial kitchen. This is underway and we hope to have this complete by November 2023.
The outcome will be that the community can finally use the hall.

Community impact

How will your project(s) benefit the wider community?

It will provide a comfortable, convivial place for people to meet to fill, as far as possible, the void left by the closure of the School, the Hotel and the Shop which would benefit the wider community as there is no other such place between Granity and Westport. It will foster educational opportunities for the community and form a chartered club for the use of the community on specific days. Making the commercial kitchen available to hire to people in the community for commercial purposes. I.e. pop up restaurants, takeaways and other commercial food processing. We plan to enhance the sports ground for communities and to create a memorial forest with walkways to commemorate the miners lost on Denniston.

Which of the following objectives will your project contribute towards?
If your project does not support an objective insert N/A.

Yes/No/N/A	Objectives
YES	Transform our public spaces.
YES	Bring new life to our communities and enhance community wellbeing.
YES	Grow community ownership of our places through the contribution of volunteers.
YES	Strengthen the relationship between Council and the community.

Does this project take place on Council owned or leased land? Yes

Does this project enhance any master design plan that exists for that area?
If yes which one. Copies of master design plans can be downloaded from Council's website or contact Community Services staff for more information.

Yes

Future maintenance

Do you intend to manage the project once it is complete? Or do you wish Council to take over the maintenance and ongoing management of the project?

The subcommittee would like to manage the project with the support from Council when required.

How do you see future maintenance of the project occurring?

The subcommittee expects to manage the facility and expects an income stream from it. Initially, the subcommittee is dependent on Council, however future maintenance is expected to be covered from income.

Will your project require a building and/or resource consent? If you are unsure, please get in touch with Council to determine if any consents will be required. Please be aware it may be your responsibility to obtain relevant consents.

Yes, Council has already provided building consent.

Estimated project costs

Please provide details about how you will spend any funding you receive. Invoices for goods or services purchased for the project need to be addressed and sent to the Buller District Council. The Buller District Council will pay the invoice/s on your behalf. Any unused funds will remain with Council so that they can be used for other projects in the district.

Quotes are helpful to include with your application and will aid Council in making funding decisions.

Item/activity/project	Detail – what will you be purchasing?	Cost ($)	Plus GST (if any)
Stage 2 - Paint	Paint – Mitre 10	$1,680.00	$252.00
Total project cost:		**$1,680.00**	**$252.00**

If you are seeking funding from other sources please outline these below.

From	Applied/Received/Other	Amount ($)
Not Applicable		
Total other funding		

How much funding are you applying for?

Total project cost	**$22,632.00 (Including GST)**
Less total other funding	
Amount you are requesting from this Revitalisation Fund	**$1,932.00 (Including GST)**

Have you received funding from the Community Led Revitalisation Fund in the past? Not aware of
(If yes please complete the table below for your most recent project.)

Year	Project	$ Amount	Was your project completed? If not feel free to write an explanation.

Community Outcomes

Which of the Buller District Council's Community Outcomes will your project contribute towards?
If your project does not support a Community Outcome insert NA. Copies of the Community Outcomes can be downloaded from Council's website or contact Community Services staff for more information.

YES	**Social** **Our communities are vibrant, healthy, safe and inclusive.**
YES	**Affordability** **Our communities are supported by quality infrastructure, facilities and services that are efficient, fit-for-purpose, affordable and met our current and future needs.**
YES	**Prosperity** **Our district is supported by quality technology and an innovative and diverse economy that creates opportunities for self-sufficiency, sustainable growth and employment**
YES	**Culture** **Our lifestyle is treasured, our strong community spirit is nurtured, and our inclusive and caring communities understand our whakapapa and heritage and support lifelong learning**
YES	**Environment** **Our distinctive environment and natural resources are healthy and valued.**

WAIMANGAROA RESERVE COMMITTEE

MINUTES OF MEETING 12 March 2020

PRESENT: Bev Morrow, Sue Lightbown, Barry Lightbown, Allan Brown, Pam Brown, David Orchard

ALSO IN ATTENDANCE: Pauline (PJ) Johnstone, Ryan Johnstone, Carmel Whittle, Christopher St Johanser

APOLOGIES: Andrew Wiseman, Tyler Croft

Moved that the apologies be sustained Barry/Bev Carried

MINUTES: The minutes of the previous meeting (13 02 20) had been circulated by email but were also passed around.

Moved that the minutes are a true and correct record Allan/Bev Carried

MATTERS ARISING:

Reconstituting the committee as a committee of BDC:

The BDC has publicly advertised, calling for expressions of interest for membership of committees (including this committee) to administer the various reserves for which the BDC is responsible. There has been correspondence between the secretary and the council which has been emailed to all committee members and a council handout (annexed to these minutes) was delivered to Bev by Rick Barry, explaining the rationale for the institution of a new procedure whereby committee members will be appointed by BDC and a councillor will be a member of each committee.

Bev made the point that it should be an advantage to have the council involved. There followed some discussion.

Bev also noted that the council is expecting a letter from the committee outlining what we can offer the council.

David advised that he will prepare a letter.

CORRESPONDENCE:

It is recorded that a letter of thanks has been sent to Kay and Russell Campbell for the gift of two comfortable couches.

The correspondence between the secretary and the council (which has been circulated to all committee members) has been annexed to the minutes.

David tabled a letter of resignation from Jane. There followed discussion . Bev noted that Rosalie Sampson had indicated that she would be willing to be on the committee (one of Jane's reasons for resigning is the fact that Martin Hill is to be the councillor on the committee) and advised that she would like to negotiate with Jane.

TREASURER'S REPORT:

Bev advised that she has banked tips of $91.46. David advised that there have been no payments since last meeting, at which time the power account had been doubly paid.

Christopher suggested that we pass a resolution that the signatories be authorised to deal with the bank, open accounts and carry out all incidental transactions and be authorised to perform such actions by way of the internet and it was moved accordingly

Moved that the signatories to the Committee's bank account (currently Beverly Carol Morrow and Alistair David Orchard) be authorised to deal with the bank (Nelson Building Society), open accounts and carry out all incidental transactions and further that the signatories (together with any future signatories appointed by resolution of the Committee) be authorised to perform such functions by way of Internet Banking. Barry/Sue Carried

GENERAL BUSINESS:

Occupation of domain by PJ and Ryan:

Ryan gave a brief outline of their background and dealings with local authorities and all present indicated that they were aware of some of the improvements they have made, cleaning and caring for the property since whey move onto the domain. Bev took the initiative authorising them to move their vehicles onto the domain and use the premises on the understanding that they will pay the power account and that their occupation will be formalised when it is possible. David will draw up a document making it clear that occupation is to be at the will of the committee and cannot be exclusive (since the domain exists for the benefit of the community)

Popularising use of the domain:

There was considerable discussion and there were numerous suggestions of possible activities and ways of raising money, including a gallery and community notice board.

Christopher proposed that the hall be open one day each month (first Tuesday) for public activity. Not being a member of the Committee, Christopher did not have the standing to do more than make a proposal, but the proposal was warmly received. Bev seconded it and the idea was adopted by unanimous consensus. The first occasion will be on 7 April commencing at 3:00 pm with a barbecue meal at 5:00 pm.

Carmel said that at Little Wanganui the hall had been popularised and refurbished and that they had obtained a lottery grant.

Proposal for a self-contained motorhome/caravan park:

David tabled a copy of a letter dated 5 November 2019 from Shelley Jope of BDC to Doug Ferens regarding the proposal. PJ indicated that she is prepared to take over the project and David will advise that Doug has left the district and that attention will now be given to providing the information required.

Bookings:

Bev advised that Piet De Zwart has booked the premises for celebrating his upcoming 60th birthday party.

Membership:

Christopher advised that he will be present at the open day on 7 April but will not seek to be a member of the committee.

Meeting closed at 7:35 pm. Next meeting will be 14 May 2020 by which time it is expected that the persons to be appointed to the committee will be known.

What is the Terms of Reference

It is common practice to adopt a Terms of Reference for committees and subcommittees amongst local authorities in New Zealand. It is not required under the Local Government Act 2002 but is vital to empower a committee or subcommittee to undertake specific duties which Council has responsibility to undertake. In empowering the subcommittees through the Terms of Reference, the Council delegates many of the responsibilities to carry out matters which the subcommittee has the skills and experience to perform. This is the intention of the Terms of Reference for the Reserves and Halls Subcommittees.

The Terms of Reference are a governance tool and should be based on the principles of good delegation. That is; that they will endeavour to enable efficient and effective functioning without undue interference while still ensuring accountability and transparency for decisions relating to public land and money.

Terms of Reference provide guidance for both the Council, the overseeing committee and the subcommittee on:

- Purpose
- Scope
- Delegations
- Duties
- Responsibilities

In the case of the Reserves and Halls Subcommittees, the Terms of Reference set out Council's responsibilities to the subcommittees and those of the subcommittee to Council and the community.

Waimangaroa Reserve Sub-Committee

Statement of Receipts and Payments
For the Year Ended 30 June 2020

RECEIPTS		$	PAYMENTS		$
Opening Bank A/c Balance on 1 July 2019		625.30	Capital:	Buildings/Fencing	
Less Unpresented Cheques				Drainage	
		625.30		Grass & Sports Fields	
Plus Cash on Hand				Plant/Tools	
Plus Investment A/c's		406.70			
Sub-total		1032.00			
Grants:	Government		Operations:	Wages & ACC	
	Council			Materials & Tools	
				General Repairs	43.50
				Power	1799.37
				Fuel/Lawn Mowing	
Rents:	Lease Rentals	1120.00		Fundraising - Trees	333.90
	Hall Hire	100.00			
	Camping Fees				
	Sports Bodies Fees		Admin:	Printing, Stationery & Postage	
	Rent Owing	600.00		Advertising	
				Secretary Salary	
				Insurance	
Sales:	Fundraising			Rates	
	Events - Car Boot Sales	195.00		Bank Fees/RWT	0.11
			Sub-total		2176.88
Interest Received		0.33			
			Closing Bank A/c Balance on 30 June 2020		726.63
Donations		456.70	Less Unpresented Cheques		
			Plus Rent Outstanding		600.00
Other			Plus Cash on Hand		
			Plus Investment A/cs		0.52
TOTAL		3504.03	**TOTAL**		3504.03

Statement of Assets and Liabilities as at 30 June 2020

LIABILITIES	$	ASSETS	$
TOTAL		**TOTAL**	

BULLER DISTRICT COUNCIL

I declare that the information in this report is correct, and that it provides a true and complete account of both the receipts and payments of the Reserve Sub-Committee for the year ended 30 June 2020 and of the assets and liabilities at that date.

Dated at: _____ 2020 _____ Chairperson

The Buller District Council having performed an audit of this annual report is of the opinion that it presents a true and fair view of the Reserve Sub-Committee's financial position as at 30 June 2020 and the results of operations for the year ended at that

Dated at: _____ 2020 _____ Accountant

NBS

Client Number:000305435

Non-Profit Waimangaroa Domain Board 03-1354-0500090-00 $684.34

Wed 19 Aug 2020 16:34:58 NZST

Date	Description	Debit	Credit	Balance
29/06/20	Chq 0000015 Pulse Energy	$231.17		$726.6
26/06/20	BP JOHNSTONE MRS P M M RENT PJ JOHNSTONE		$200.00	$957.8
08/06/20	BP JOHNSTONE MRS P M M RENT PJ JOHNSTONE		$300.00	$757.8
04/06/20	Chq 0000014 Pulse Energy	$165.81		$457.8
04/06/20	BP JOHNSTONE MRS P M M RENT PJ JOHNSTONE		$100.00	$623.6
27/05/20	Chq 0000013 Pulse Energy	$210.62		$523.6
06/05/20	BP JOHNSTONE MRS P M M RENT PJ JOHNSTONE		$250.00	$734.2
17/04/20	Chq 0000012 Pulse Energy	$112.19		$484.2
30/03/20	BP JOHNSTONE MRS P M M JOHNSTONE PJ RYAN		$270.00	$596.4
12/03/20	Deposit Scullery		$91.40	$326.4
12/02/20	Car boot sale		$20.00	$235.0
24/01/20	Chq 0000011 Pulse Energy	$86.82		$215.0
21/01/20	Chq 0000010 Pulse Energy	$86.82		$301.8
06/01/20	Deposit Scullery		$73.00	$388.6
19/12/19	Chq 0000009 Pulse Energy	$87.40		$315.6
19/12/19	DC BULLER RURAL EDUCATI Buller REAP inv293815 Gravity Fire Performance Club.		$100.00	$403.0
22/11/19	Chq 0000008 Pulse Energy	$92.63		$303.0
13/11/19	Chq 0000007 Pulse Energy	$94.82		$395.6
13/11/19	Deposit Scullery		$35.00	$490.5
10/10/19	Deposit Scullery		$96.10	$455.5
10/10/19	Carboot Sale		$40.00	$359.4
04/10/19	Chq 0000006 Pulse Energy	$91.87		$319.4
24/09/19	Deposit Scullery		$91.20	$411.2
06/09/19	Car Boot Sale		$75.00	$320.0
20/08/19	Chq 0000005 Pulse Energy	$80.25		$245.0
6/08/19	Deposit Scullery		$70.00	$325.3
05/08/19	Chq 0000004 Pulse Energy	$140.19		$255.3
25/07/19	Chq 0000001 Southern Woods	$333.90		$395.5
25/07/19	Chq 0000003 Pulse Energy	$318.78		$729.4
12/07/19	Chq 0000002 - 000000000000 Andrew Wiseman - reimb dump fees	$43.50		$1,048.2
09/07/19	Car Boot sale		$60.00	$1,091.7
02/07/19	Cheque Deposit		$625.00	$1,031.7
01/07/19	Opening balance as of 01/07/19			$406.7

Summary Description	Amount
Opening balance as of 01/07/19	$406.7
Total Credit	$2,496.7
Total Debit	$2,176.7
Closing Balance as of 30/06/20	$726.6
Available Balance	$684.0

Certified true + correct
Treasurer
(chairperson)

ANZ

Statement of Accounts

Your account(s) at a glance as at 30 September 2019

To be closed

10

0845

WAIMANGAROA DOMAIN BOARD
PO BOX 11001
WAIMANGAROA 7848

840780101045010Q01P01876

Today's statements

Account type	Account number	Balance
Non Profit Organisation Current Account	11-7700-0001815-11	0.52

Non Profit Organisation Current Account

Account name WAIMANGAROA DOMAIN BOARD
Account number 11-7700-0001815-11
Statement number 00206
Statement period 01 Apr 2019 - 30 Sep 2019

Date	Transaction type and details	Withdrawals	Deposits	Balance
01 Apr	**Opening balance**			**1,195.75**
07 May	CQ 001237	570.45		625.30
09 Jul	CQ 001238	625.00		0.30
30 Aug	GROSS CREDIT INTEREST PAID		0.33	0.63
30 Aug	WITHHOLDING TAX PAID	0.11		0.52
Totals at end of page		**$1,195.56**	**$0.33**	**$0.52**
Totals at end of period		**$1,195.56**	**$0.33**	**$0.52**

Your available credit is **$0.52** as at the closing date of this statement.

AP Automatic Payment
AT Automatic Teller Machine
BP Bill Payment
CQ Cheque/Withdrawal
DC Direct Credit
DD Direct Debit
ED Electronic Dishonour
EP EFTPOS Transaction
FX Foreign Exchange
IA International Money Machine
IP International EFTPOS Transaction
VT Visa Transaction

Certified true & correct

(Treasurer)

B. C. [illegible]

(Chairperson)

Waimangaroa Reserve Sub-Committee

Statement of Receipts and Payments
For the Year Ended 30 June 2021

RECEIPTS		$	PAYMENTS		$
Opening Bank A/c Balance on 1 July 2020		726.63	Capital:	Buildings/Fencing	
Less Unpresented Cheques				Drainage	
		726.63		Grass & Sports Fields	
Plus Rent Outstanding		600.00		Plant/Tools	
Plus Investment A/c's		0.52			
Sub-total		1327.15			
Grants:	Government		Operations:	Wages & ACC	
	Council			Materials & Tools	
				General Repairs	
				Power	811.67
				Fuel/Lawn Mowing	
Rents:	Lease Rentals			Fundraising - Trees	
	Hall Hire	100.00		Unrecoverable Rent	
	Camping Fees				
	Sports Bodies Fees		Admin:	Printing, Stationery & Postage	
	Rent Owing - unrecoverable	-600.00		Advertising	
				Secretary Salary	
				Insurance	
Sales:	Fundraising			Rates	
	Events - Car Boot Sales	20.00		Bank Fees/RWT	
			Sub-total		811.67
Interest Received					
			Closing Bank A/c Balance on 30 June 2021		34.96
Donations			Less Unpresented Cheques		
Other			Plus Cash on Hand		
			Plus Investment A/cs		0.52
TOTAL		847.15	**TOTAL**		847.15

Statement of Assets and Liabilities as at 30 June 2021

LIABILITIES	$	ASSETS	$
TOTAL		**TOTAL**	

BULLER DISTRICT COUNCIL

I declare that the information in this report is correct, and that it provides a true and complete account of both the receipts and payments of the Reserve Sub-Committee for the year ended 30 June 2021 and of the assets and liabilities at that date.

Dated at: 2021 Chairperson

The Buller District Council having performed an audit of this annual report is of the opinion that it presents a true and fair view of the Reserve Sub-Committee's financial position as at 30 June 2021 and the results of operations for the year ended at that

Dated at: 15 October 2021 Accountant

NBS
Banking for life

Waimangaroa Domain Board
P O BOX 11001
Waimangaroa 7848

Account: 03-1354-0500090-00
Account Name: Waimangaroa Domain Board
Branch: Westport
Opening Date: 30 Apr 21

Statement no: Manual
Page 1 of 1

Opening Balance: $34.96

Date	Transaction Description	Debit/Withdrawal $	Credit/Deposit $	Balance $
30/06/21				**Closing Balance: $34.96**

Waimangaroa Reserve Sub-Committee

Statement of Receipts and Payments
For the Year Ended 30 June 2022

RECEIPTS		$	PAYMENTS		$
Opening Bank A/c Balance on 1 July 2021		34.96	Capital:	Buildings/Fencing	
Less Unpresented Cheques				Drainage	
		34.96		Grass & Sports Fields	
Plus Rent Outstanding				Plant/Tools	
Plus Investment A/c's		0.52			
Sub-total		35.48			
Grants:	Government		Operations:	Wages & ACC	
	Council			Materials & Tools	
				General Repairs	
				Power	
Rents:	Lease Rentals			Fuel/Lawn Mowing	
	Hall Hire			Fundraising - Trees	
	Camping Fees			Unrecoverable Rent	
	Sports Bodies Fees				
	Rent Owing - unrecoverable		Admin:	Printing, Stationery & Postage	
				Advertising	
Sales:	Fundraising			Secretary Salary	
	Events - Car Boot Sales			Insurance	
				Rates	
				Bank Fees/RWT	
			Sub-total		0
Interest Received					
			Closing Bank A/c Balance on 30 June 2021		34.96
Donations			Less Unpresented Cheques		
Other			Plus Cash on Hand		
			Plus Investment A/cs		0.52
TOTAL		35.48	**TOTAL**		35.48

Statement of Assets and Liabilities as at 30 June 2022

LIABILITIES	$	ASSETS	$
TOTAL		**TOTAL**	

BULLER DISTRICT COUNCIL

I declare that the information in this report is correct, and that it provides a true and complete account of both the receipts and payments of the Reserve Sub-Committee for the year ended 30 June 2022 and of the assets and liabilities at that date.

Dated at: _____ 2022 _____ Chairperson

The Buller District Council having performed an audit of this annual report is of the opinion that it presents a true and fair view of the Reserve Sub-Committee's financial position as at 30 June 2022 and the results of operations for the year ended at that

Dated at: _____ 2022 _____ Accountant

NBS
Banking for life

Waimangaroa Domain Board
P O BOX 11001
Waimangaroa 7848

Account: 03-1354-0500090-00
Account Name: Waimangaroa Domain Board
Branch: Westport
Statement Start Date: 01 Jul 21
Statement End Date: 30 Jun 22

Statement no: Manual
Page 1 of 1

Opening Balance: $34.96

Date	Transaction Description	Debit/Withdrawal $	Credit/Deposit $	Balance $
30/06/22				**Closing Balance: $34.96**

Waimangaroa Reserve Sub-Committee

Statement of Receipts and Payments
For the Year Ended 30 June 2023

RECEIPTS		$	PAYMENTS		$
Opening Bank A/c Balance on 1 July 2022		34.96	Capital:	Buildings/Fencing	
Less Unpresented Cheques				Drainage	
				Grass & Sports Fields	
Plus Cash on Hand				Plant/Tools	
Plus Investment A/c's		0.52			
Sub-total		35.48			
Grants:	Government		Operations:	Wages & ACC	
	Council			Materials & Tools	
				General Repairs	
				Power	
				Fuel/Lawn Mowing	
Rents:	Lease Rentals				
	Hall Hire				
	Camping Fees				
	Sports Bodies Fees		Admin:	Printing, Stationery & Postage	
				Advertising	
				Secretary Salary	
				Insurance	
Sales:	Fundraising			Rates	
	Events			Bank Fees/RWT	
			Sub-total		
Interest Received					
			Closing Bank A/c Balance on 30 June 2023		34.96
Donations			Less Unpresented Cheques		
Other			Plus Cash on Hand		
			Plus Investment A/cs		0.52
TOTAL		35.48	**TOTAL**		35.48

Statement of Assets and Liabilities as at 30 June 2023

LIABILITIES	$	ASSETS	$
TOTAL		**TOTAL**	

I declare that the information in this report is correct, and that it provides a true and complete account of both the receipts and payments of the Reserve Sub-Committee for the year ended 30 June 2023 and of the assets and liabilities at that date.

Dated at: _____ 2023 _____ Chairperson

The Buller District Council having performed an audit of this annual report is of the opinion that it presents a true and fair view of the Reserve Sub-Committee's financial position as at 30 June 2023 and the results of operations for the year ended at that

Dated at: _____ 2023 _____ Accountant

Annual Report of Operations of the _____ Reserve Sub-Committee

For the financial year ended 30 June 2023

Presented in accordance of section 88 of the Reserves Act 1977, at the Annual Meeting of the Reserve Sub-Committee.

Members of the Reserve Sub-Committee: _____

Name and address of Secretary: _____

Bank: _____ Branch: _____

Classification of Reserve/Hall and its principal use (e.g. camping, sports): _____

Number of days on which charges were made for admission: _____

Work done during the year (either completed or in progress): _____

Permanent improvements now existing on Reserve / in Hall: _____

Proposed work and operations for next year: _____

Total Area of Reserve: _____

Reserve Leases:

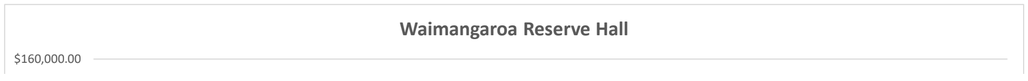
Name of Tenant	Area Leased	Term (years)	Date Lease Expires	Annual Rental	Rent Paid during Year	Rent Arrears 30/06/2023

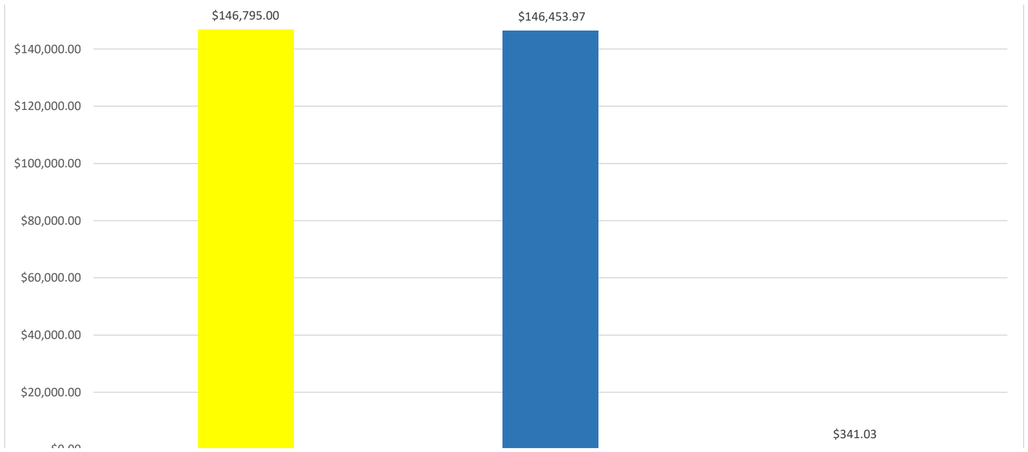
Waimangaroa Reserve Hall - PGF Funded Upgrade Invoices (5101288008)				Budget (+ GST)
				$146,795.00
Date	Supplier	Description	Cost	Balance Amount
18/12/2020	Fire Safety Solutions	Assessment and report	$ 1,450.00	$145,345.00
1/12/2020	PC Productions NZ limited	Asbestos removal	$ 9,105.00	$136,240.00
1/12/2020	Southern Hospitality	Kitchen materials - Deposit	$ 13,925.53	$122,314.47
5/03/2021	Southern Hospitality	Kitchen materials - Claim 2	$ 8,089.45	$114,225.02
6/03/2021	Southern Hospitality	Kitchen materials - Claim 3	$ 869.90	$113,355.12
17/02/2021	Buller District Council	Building Consent	$ 2,662.48	$110,692.64
5/03/2021	Gowan Walters - Architect	Building plans for Consent	$ 3,450.00	$107,242.64
5/03/2021	Trade Safety	Emergency Air Horn and Sign	$ 67.90	$107,174.74
18/03/2021	Mitre 10 Westport	March'21 building materials for Johnny Morrow	$ 3,174.17	$104,000.57
22/03/2021	Mico Plumbing - Invoice	Plunmbing equipment for Barry Lightbown	$ 7,778.96	$96,221.61
23/03/2021	WLS Electrical	Pre-wiring materials and labour	$ 1,214.03	$95,007.58
8/04/2021	Craft Plumbing & Gas	Prepipe for gas system	$ 523.47	$94,484.11
8/03/2021	Southern Hospitality	Kitchen materials - Claim 4	$ 18,573.65	$75,910.46
16/03/2021	J.C. Morrow builder	Prgress claim one - 40hours @ $30/hr	$ 1,200.00	$74,710.46
16/04/2021	Mitre 10 Westport	Building materials - timber & fittings picked up by Johnny Morrow	$ 106.32	$74,604.14
5/05/2021	Mitre 10 Westport-InvA820653	Building materials - timber & fittings picked up by Johnny Morrow	$ 76.10	$74,528.04
19/05/2021	Mitre 10 Westport-InvA823053	Building materials - timber & fittings picked up by Johnny Morrow	$ 181.00	$74,347.04
27/05/2021	J.C. Morrow builder	Progress claim #2; 42 hours at $30/hr	$ 1,260.00	$73,087.04
27/05/2021	Mitre 10 Westport Inv# A-824585	Corrugated Zinccore .40 colour (ZR8)	$ 151.00	$72,936.04
27/05/2021	Southern Hospitality Inv#1182421	SS 1800 x 600mm work bench	$ 1,187.95	$71,748.09
1/06/2021	Mitre 10 Westport Inv# A-825332	Framing timber	$ 93.66	$71,654.43
14/06/2021	WestReef Services Inv# 55191	Waste skip delivery and dump fees	$ 504.00	$71,150.43
21/07/2021	Mitre 10 Westport Inv#A-829073; 829113; 829114	Anchor bolts c/w washer/nuts; nail gun nails/gas	$ 242.70	$70,907.73
24/06/2021	Mitre 10 Westport Inv#A-829818	Framing timber and battens	$ 203.00	$70,704.73
31/07/2021	Mitre 10	Assorted Items	$ 1,485.16	$69,219.57
31/07/2021	Mico Plumbing - Invoice		$ 173.32	$69,046.25
28/02/2022	Chris Enoka - Building	Building Claim #3 46hrs @ $40	$ 1,840.00	$67,206.25
6/03/2022	Avant Building	Compliances Info	$ 240.00	$66,966.25
8/03/2022	Chris Enoka - Building	Building 40hrs @ $40.00	$ 1,600.00	$65,366.25
23/03/2022	Chris Enoka - Building	Building 40hrs @ $40.01	$ 1,600.00	$63,766.25
30/03/2022	Chris Enoka - Building	Building 24hrs @ $40.00	$ 960.00	$62,806.25
7/04/2022	Ross - RC Maintenance	Building	$ 5,380.00	$57,426.25
10/03/2022	WLS Electrical	Electrical	$ 610.40	$56,815.85
31/03/2022	Westport Hire	Hammer Drill	$ 95.00	$56,720.85
11/04/2022	Mico Plumbing - Invoice 42720938	Parts	$ 130.19	$56,590.66
				$56,590.66
	Mitre 10	Materials	$ 6,373.20	$50,217.46
	Ross - RC Maintenance	Hours	$ 6,485.00	$43,732.46
	Chris Enoka - Building	Building 40hrs @ $40.00	$ 1,600.00	$42,132.46
	Ross - RC Maintenance	Hours	$ 6,800.00	$35,332.46
	GIB Stopping - INV0221	as per the quote	$ 5,977.35	$29,355.11
	Ross - RC Maintenance	Concrete ramp - materials	$ 1,060.88	$28,294.23
	Ross - RC Maintenance	Concrete Ramp/Floor	$ 975.00	$27,319.23
	Ross - RC Maintenance	Hours	$ 4,550.00	$22,769.23
	RC Maintanance	Materials	$ 4,603.40	$18,165.83
	Carmaine Painters	Flooring	$ 12,370.00	$5,795.83
27/10/2022	Mitre10	Paint	$ 573.67	$5,222.16
1/06/2023	Steve Ansell Building		$ 2,590.00	$2,632.16
	Coasting Electrical Ltd	Electrical Est.	$ 2,291.13	$2,931.03
			Costs	Balance
			$ 146,453.97	$341.03
			99.8%	0.2%

Southern Hospitality Quote =	$ 42,640.58	Balance Remaining
Kitchen materials - Deposit	$ 13,925.53	$ 28,715.05
Kitchen materials - Claim 2	$ 8,089.45	$ 20,625.60
Kitchen materials - Claim 3	$ 869.90	$ 19,755.70
Kitchen materials - Claim 4	$ 18,573.65	$ 1,182.05
Kitchen materials - Claim 5	$ 1,187.95	-$ 5.90

Building (Labour)	Building (Material)	Plumbing (LB & Mico)	Plumbing (CP&G)	Electrical
$ 1,200.00	$ -	$ 7,778.96	$ 523.47	$ 1,214.03
$ 1,260.00	$ 3,174.17	$ 173.32		$ 610.40
$ 1,840.00	$ 106.32	$ 130.19		
$ 1,600.00	$ 76.10			
$ 1,600.00	$ 181.00			
$ 960.00	$ 151.00			
$ 5,380.00	$ 93.66			
$ 6,485.00	$ 242.70			
$ 1,600.00	$ 203.00			
$ 6,800.00	$ 1,485.16			
$ 4,550.00	$ 6,373.20			
	$ 5,977.35			
	$ 1,060.88			
	$ 975.00			
	$ 4,603.40			
	$ -			
$ 33,275.00	$ 24,702.94	$ 8,082.47	$ 523.47	$ 1,824.43

$ 45,891.63

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