

KENT

COMPLETE HEATING RANGE



A WARM WELCOME

The Kent brand is owned by Hamilton based Aber, a family company with a great reputation in the energy-related product supply business. Aber has refined the Kent wood fire range and developed a broader range of Kent electric and gas heating products, such as Energy Star heat pumps, portable heaters and flame-effect gas fires, to meet the wider heating needs of New Zealanders.

Kent products have always been associated with innovation and affordability.

In fact, Kent pioneered the double burning principle in domestic wood fires some twenty years ago and ensured the models were easily accessible for all New Zealanders.

This innovation increased heating efficiency and dramatically reduced heating costs for many people and this is something that has been built upon.

In this country of only 1.2 million homes, more than 380,000 Kent wood fires have been installed and the chances are you, or someone you know, have been warmed by a Kent fire on many chilly evenings.

This is quite an achievement for any NZ brand and something Aber is focused on continuing, demonstrated by the introduction of broader Kent heating options.



WOOD FIRES p4



GAS FIRES p12

EVERY TIME

The stylish new range of Kent heaters are designed to operate efficiently and effectively. It's also comforting to know that Kent heaters provide reliable and low cost heating options at a time when value for money is top of mind.

Our attention to style, design and value has ensured Kent heaters continue to be preferred choices for all Kiwis, regardless of house size or budget.

The heaters featured in this catalogue represent the most popular home heating options for New Zealand homes. Whatever type of heating you need for your home, be it a wood fire, gas fire, heat pump or portable heater, you can trust Kent to welcome you back to a warm home.

What would you expect – it's the Kiwi way.

Please note that some Kent wood fires, gas fires and heat pumps may be eligible for government subsidies and also approved for EQC claims in Canterbury. If you have any home heating questions please speak to your Kent retailer, or visit our comprehensive website www.kent.co.nz.



HEAT PUMPS p14

PORTABLE HEATERS p18

KENT

WOOD FIRES

Kent wood fires have been heating New Zealand homes since the 70s. In that time more than 380,000 Kent fires have been installed - in a country of only 1.2 million homes. Kent products reflect leading edge design and provide quality and efficiency.

Kent pioneered the double burning principle in domestic wood heaters, increasing heating efficiency and dramatically reducing heating costs.

Kent has developed its range to meet consumer demands for clean burning fires.

Our innovations in design and styling have ensured the Kent brand continues to be a popular choice for all Kiwis, regardless of house size or budget.

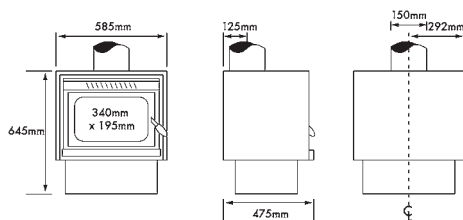


KWF RAD II

- Clean-air approved compact radiant-heat fire*.
- Heat is emitted directly and heats all objects in its path.
- Suitable for draughty rooms with higher ceilings.
- Traditional matt black design, 5mm steel.
- Vermiculite brick and masonry brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Steel plate top for cooking use.

SPECIFICATIONS:

- Firebox size 33 litres (efficiently burns two large 2kg logs).
- Heat output 6 - 12kW (dependant on home insulation and wood use).
- Heats area up to 150m² (typically up to three standard rooms).
- Average emission rate: 0.80g/kg.
- Overall average efficiency: 69.00%.



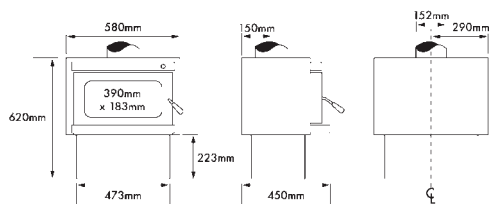
Model No. KWF295-5910

TUI RAD

- Clean-air approved compact radiant-heat fire.
- Heat is emitted directly and heats all objects in its path.
- Suitable for draughty rooms with higher ceilings.
- Traditional matt black design, 6mm steel.
- Vermiculite brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Steel plate top for cooking use.
- Wetback (WB) option suitable for clean-air zones (1.5kW water heating).

SPECIFICATIONS:

- Firebox size 33 litres (efficiently burns two large 2kg logs).
- Heat output 6 - 12kW (dependant on home insulation and wood use).
- Heats area up to 150m² (typically up to three standard rooms).
- Average emission rate: 0.70g/kg (0.66g/kg with wetback option).
- Overall average efficiency: 71.00% (65.00% with wetback option).



Model No. KWF295-6931

Model No. KWF295-6932 (wetback version)

*These fires have met the Emissions and Efficiency test, Compliance Requirements (AS/NZS 4012 and AS/NZS 4013) and the Safety Requirements (AS/ NZS 2918). At time of printing, these fires are awaiting authorisation and inclusion in the clean-air product directory.



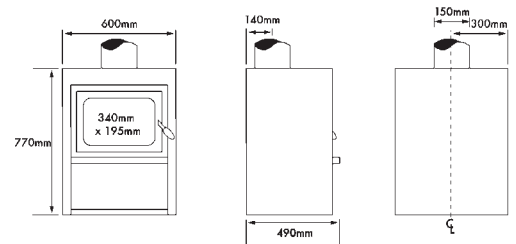
Model No. KWF295-5987 (Black)

Model No. KWF295-5991 (Pewter grey)

- Clean-air approved compact combi-heat fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- European matt black design, 5mm steel.
- Pewter grey colour option for enhanced contemporary style.
- Masonry brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Convenient dry wood storage using open base design.

SPECIFICATIONS:

- Firebox size 33 litres (efficiently burns two large 2kg logs).
- Heat output 6 - 12kW (dependant on home insulation and wood use).
- Heats area up to 150m² (typically up to three standard rooms).
- Average emission rate: 0.70g/kg.
- Overall average efficiency: 71.30%.



FIRENZE

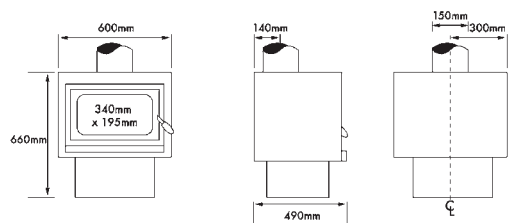


Model No. KWF295-5908

- Clean-air approved compact combi-heat fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- Contemporary matt black design, 5mm steel.
- Masonry brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Lower fire size for installation in compact spaces.

SPECIFICATIONS:

- Firebox size 33 litres (efficiently burns two large 2kg logs).
- Heat output 6 - 12kW (dependant on home insulation and wood use).
- Heats area up to 150m² (typically up to three standard rooms).
- Average emission rate: 0.70g/kg.
- Overall average efficiency: 71.30%.

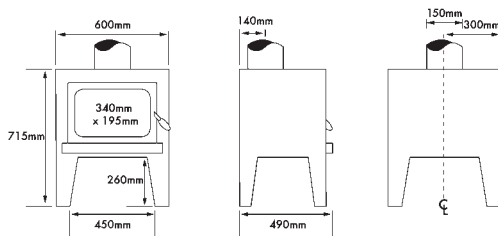


GENEVA

- Clean-air approved compact combi-heat fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- Modern angled leg matt black design, 5mm steel.
- Masonry brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Leg design emphasises size of floor area.

SPECIFICATIONS:

- Firebox size 33 litres (efficiently burns two large 2kg logs).
- Heat output 6 - 12kW (dependant on home insulation and wood use).
- Heats area up to 150m² (typically up to three standard rooms).
- Average emission rate: 1.09g/kg.
- Overall average efficiency: 65.04%.



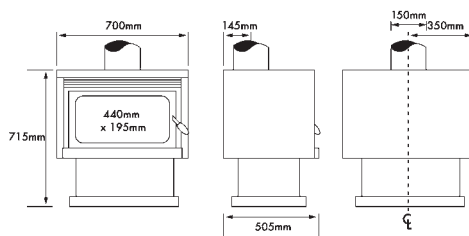
Model No. KWF295-5909

SIGNATURE

- Clean-air approved mid-sized combi-heat fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- Landscape matt black design, 5mm steel.
- Masonry brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Wide window increases size of flame picture.

SPECIFICATIONS:

- Firebox size 37 litres (efficiently burns three large 2kg logs).
- Heat output 6 - 17kW (dependant on home insulation and wood use).
- Heats area up to 210m² (typically up to four standard rooms).
- Average emission rate: 0.85g/kg.
- Overall average efficiency: 71.34%.



Model No. KWF295-6824

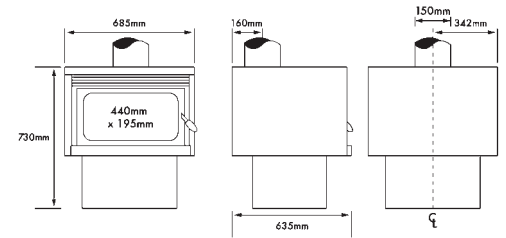


Model No. KWF295-5990

- Clean-air approved large combi-heat fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and various ceiling heights.
- Stylish matt black design, 6mm steel.
- Masonry brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Deep and wide firebox for burning bigger logs.

SPECIFICATIONS:

- Firebox size 52 litres (efficiently burns four large 2kg logs).
- Heat output 6 - 20kW (dependant on home insulation and wood use).
- Heats area up to 260m² (typically up to five standard rooms).
- Average emission rate: 0.54g/kg.
- Overall average efficiency: 68.70%.



BARKER II



NEW

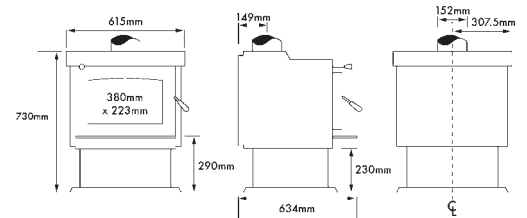
Model No. KWF295-6934

Model No. KWF295-6935 (wetback version)

- High output clean-air approved combi-heat fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and various ceiling heights.
- Rustic matt black design, 6mm steel.
- Vermiculite brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Extra large firebox for burning large logs.
- Steel plate top for cooking use.
- Wetback (WB) option suitable for clean-air zones (2.5kW water heating).

SPECIFICATIONS:

- Firebox size 62 litres (efficiently burns four large 2kg logs).
- Heat output 6 - 20kW (dependant on home insulation and wood use).
- Heats area up to 260m² (typically up to five standard rooms).
- Average emission rate: 0.54g/kg (0.53g/kg with wetback option).
- Overall average efficiency: 71.00% (65% with wetback option).

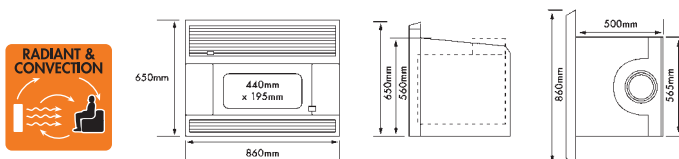


LOGFIRE MAX

- Clean-air approved mid-sized combi-heat inbuilt fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- Flush-mount matt black design, 5mm steel.
- Clay refractory brick lined firebox.
- Multi-burn firebox helps glass remain clear.

SPECIFICATIONS:

- Firebox size 39 litres (efficiently burns three large 2kg logs).
- Heat output 6 - 14kW (dependant on home insulation and wood use).
- Heats area up to 170m² (typically up to three standard rooms).
- Average emission rate: 1.20g/kg.
- Overall average efficiency: 65.60%.

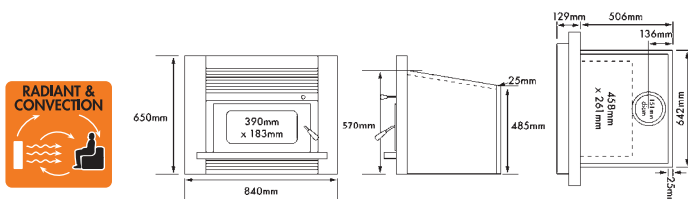


LOGFIRE SUPREME

- Clean-air approved mid-sized combi-heat inbuilt fire.
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- Flush-mount matt black design, 6mm steel.
- Vermiculite brick lined firebox.
- Multi-burn firebox helps glass remain clear.
- Zero clearance kit available for new homes.

SPECIFICATIONS:

- Firebox size 33 litres (efficiently burns two large 2kg logs).
- Heat output 6 - 12kW (dependant on home insulation and wood use).
- Heats area up to 150m² (typically up to three standard rooms).
- Average emission rate: 0.88g/kg.
- Overall average efficiency: 67.00%.



Model No. KWF295-5992



Model No. KWF295-6933

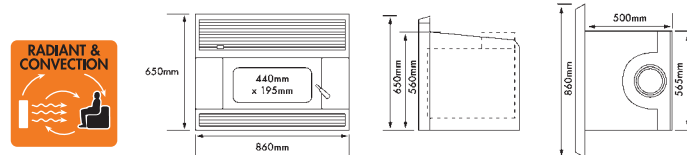


LOG FIRE INBOX

- Rural fire for properties of 2ha or more (not clean-air zones).
- Warm air is convected around the room, combined with radiated heat.
- Suitable for better insulated rooms and standard ceiling heights.
- Flush-mount matt black design, 5mm steel.
- Masonry brick lined firebox.
- A water booster (wetback) can be added to this fire.

SPECIFICATIONS:

- Firebox size 37 litres (efficiently burns three large 2kg logs).
- Heat output 6 - 14kW (dependant on home insulation and wood use).
- Heats area up to 170m² (typically up to three standard rooms).



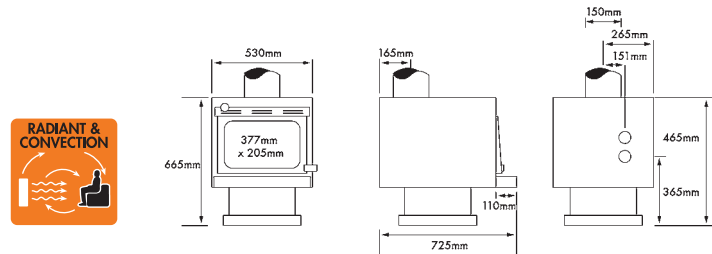
Model No. KWF296-6915

TILEFIRE

- Rural fire for properties of 2ha or more (not clean-air zones).
- Warm air is convected around the room, combined with radiated heat.
- Suitable for larger rooms and higher ceiling heights.
- Matt black design, with external tiles, 6mm steel.
- Clay refractory brick lined firebox.
- Deep and wide firebox for burning bigger logs.
- A water booster (wetback) can be added to this fire.

SPECIFICATIONS:

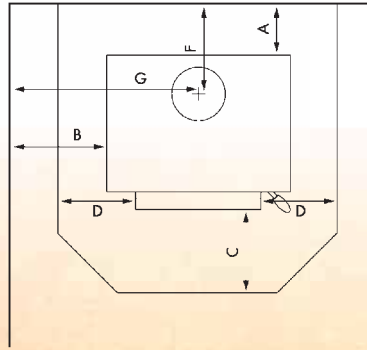
- Firebox size 53 litres (efficiently burns four large 2kg logs).
- Heat output 6 - 20kW (dependant on home insulation and wood use).
- Heats area up to 260m² (typically up to five standard rooms).



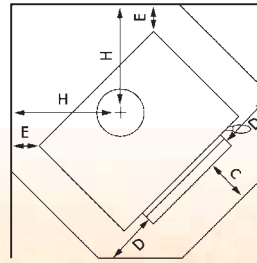
Model No. KWF296-6067

SPECIFICATIONS

Wall Clearances



Corner Clearances



Model	Minimum Installation Clearances (with flue shield) mm							
	A	B	C	D	E	F	G	H
Kiwi Rad II	140	285	300	200	100	262	580	400
Tui Rad	100	400	300	200	200	251	690	512
Astron	100	225	300	200	50	235	525	365
Firenze	100	225	300	200	50	235	525	365
Geneva	100	225	300	200	50	235	525	365
Signature	100	250	300	200	50	245	600	400
Quantum	100	300	300	200	100	210	642	455
Barker II	255	435	300	200	190	404	743	481
Tilefire (non clean-air)	100	400	300	200	50	265	655	350
Logfire Max	Inbuilt	Inbuilt	300	200	Inbuilt	Inbuilt	Inbuilt	Inbuilt
Logfire Supreme	Inbuilt	Inbuilt	300*	200	Inbuilt	Inbuilt	Inbuilt	Inbuilt
Logfire Inbuilt (non clean-air)	Inbuilt	Inbuilt	300	200	Inbuilt	Inbuilt	Inbuilt	Inbuilt

Model	Fire dimensions (mm) and firebox volume (Litres)				Performance			
	Width	Depth	Height	Firebox	Output range	Maximum heat area	Average emissions	Average efficiency
Kiwi Rad II	585	475	645	33L	6-12kW	150m ²	0.80g/kg	69.00%
Tui Rad	580	450	620	33L	6-12kW	150m ²	0.70g/kg (0.66 WB)	71.00% (65% WB)
Astron	600	490	770	33L	6-12kW	150m ²	0.70g/kg	71.30%
Firenze	600	490	660	33L	6-12kW	150m ²	0.70g/kg	71.30%
Geneva	600	490	715	33L	6-12kW	150m ²	1.09g/kg	65.04%
Signature	700	505	715	37L	6-17kW	210m ²	0.85g/kg	71.34%
Quantum	685	635	730	52L	6-20kW	260m ²	0.54g/kg	68.70%
Barker II	615	634	730	62L	6-20kW	260m ²	0.54g/kg (0.53 WB)	71.00% (65% WB)
Tilefire (non clean-air)	530	725	665	53L	6-20kW	260m ²	non clean-air	non clean-air
Logfire Max	860 (565 Int)	565 (500 Int)	650 (560 Int)	39L	6-14kW	170m ²	1.20g/kg	65.60%
Logfire Supreme	840 (642 Int)	635 (506 Int)	650 (570 Int)	33L	6-12kW	150m ²	0.88g/kg	67.00%
Logfire Inbuilt (non clean-air)	860 (565 Int)	565 (500 Int)	650 (560 Int)	37L	6-14kW	170m ²	non clean-air	non clean-air

* 45mm thick hearth.

KENT

GAS FIRES

The Kent range of flame-effect gas fires create a feel good ambience. Our enclosed fires warm your room quickly and efficiently providing a warm and cosy glow at the press of a button.

Kent Cassel and Ochre fires are renowned for their ability to create a lot of heat quickly. The Kent Sienna fires are decorative and complement existing heating systems.

Kent gas fires are easy to install, easy to operate and also easy on the eye. The way the flames make shadows dance around your warm and cosy room makes everyone feel good.



Incorporating a gentle curving glass front, that continues through the surround, this design presents a refined and elegant look when combined with our natural-look Eucalypt logs.

Suitable to replace existing gas/oil space heaters with minimum effort, fitting neatly into the existing cavity. A flue is not required when installed into a masonry or brick fireplace – reducing installation costs.

Also available with a Mock Fireplace Kit for installation against timber or plasterboard (combustibles).

CASSEL INBUILT POWERFLUE

With a horizontal flue, that goes straight from the rear of the heater to the outside, the Cassel gives you freedom to locate it just about anywhere in a home.

The clever design allows you to place the heater on any external wall, even in an apartment.

Because the powerflue uses outside air for combustion, your home stays clean, fresh and warm. Plus with a high star rating you know you have chosen top efficiency.

Can be installed into a combustible wall or suitable enclosure.

SIENNA INBUILT DECORATIVE

Enjoy the cosy glow of burning coals without any fuss, just turn the dial for an instant fire-effect and a perfect ambience.

Our Sienna Decorative Gas Fire is the ideal finishing touch in your living area to complement a panel heating or central heating installation.

These fires are specified and priced at an affordable level to ensure you have enough in your budget to enjoy the ambience of a flame-effect gas fire after you have effectively heated your home first.

RANGE SPECIFICATIONS:

- Heat output 5.96kW and area heated 73m² (Natural Gas), 5kW and 62m² (LPG)
- 4 star energy rating
- Easy to use controls - electronic direct spark ignition, 3 speed fan and 2 heat settings (High and Low)
- Minimum Cavity Dimensions (mm) - 605 H 695 W x 385 D
- Fascia Dimensions - 650 H x 850 W x 125 D
- Double glazed for safety
- LPG or Natural Gas



ACCESSORIES AVAILABLE:

- Spacer kit
- Mock Fireplace Kit



Model No. CIB-03-NZ (Natural Gas)

Model No. CIBLP-03-NZ (LPG)

RANGE SPECIFICATIONS:

- Heat output 6.5kW and area heated 81m² (Natural Gas), 5.8kW and 72m² (LPG)
- 4.5 star energy rating
- Easy to use controls - electronic direct spark ignition, 3 speed fan & 2 heat settings (High and Low)
- Minimum cavity dimensions (mm) - 630H x 745 W x 440 D
- Fascia Dimensions - 655 H x 850 W x 50 D
- Inbuilt mesh safety guard
- LPG or Natural Gas
- Two year warranty



ACCESSORIES AVAILABLE:

- Silver trim
- Stainless steel or black, three and four sided picture frame surrounds
- Spacer kit
- Console kit



Model No. FIBPWR-03-NZ (Natural Gas)

Model No. FIBPWRLP-03-NZ (LPG)

RANGE SPECIFICATIONS:

- 800mm Heat output 3kW and area heated 37.5m² (Natural Gas or LPG)
- Easily installed in a false chimney or existing fireplace/chimney
- Easy to use controls - piezo ignition ensures easy lighting, fan increases heat distribution and 2 heat settings (High and Low)
- Detachable stainless steel fascia enables easy cleaning
- Flame Failure Device included for added safety

700MM	800MM
Output: 2.5kW	Output: 3kW
Input: 30.5mj/hr	Input: 35mj/hr
700mm wide	800mm wide
LPG KGF260-003	LPG KGF260-005
NG KGF260-002	NG KGF260 004



Model No. KGF260-004 (Natural Gas)

Model No. KGF260-005 (LPG)

KENT HEAT PUMPS

Kent Heat Pumps are designed and manufactured using the latest technological advancements to provide performance, style, efficiency, convenience and air filtration.

All models are highly energy efficient, with the new Plasma model recently approved as an Energy Star heat pump.

To help purify the air, our models use either Bio/Carbon or Plasma filter technology. Models are sized to meet the heating needs of various room sizes and each model provides great value.

In addition to being one of the lowest-cost ways of heating a home, you can also enjoy the benefits of cooler air in summer and dehumidified air all year round.



The compressor is warranted for 5 years residential use and 2 years commercial use, and all other components are warranted for 3 years residential use and 2 years commercial use. Please refer to our full warranty conditions on www.kent.co.nz (product user guide).

KENT ADVANCED TECHNOLOGY

Kent heat pumps work by circulating and adjusting pressurized refrigerant gas inside a continuous copper pipe running between indoor and outdoor units. By adjusting the gas pressure our heat pumps can provide over 3 times the amount of heat compared to a normal electric heater (or put another way you can reduce your electric heating costs by a third). Via our remote control, the indoor unit controls the rate of air movement and gauges the temperature in the room. A signal is sent to the outdoor unit to adjust gas pressures to achieve the right room temperature for you.

In addition to air temperature control, Kent heat pumps also purify the air using special filters and dehumidify the air to help remove moisture and condensation.

KENT BIO/CARBON HEAT PUMP

Kent heat pumps are renowned for their quiet and reliable operation, their low running costs and their ability to provide fast and effective warm or cool air. Our specifications table overleaf contains noise levels and performance data relating to all 3 sizes.

The small, stylish and easy to use remote control uses an LCD screen to operate in five modes: Auto, Cool, Dry, Heat and Fan. Room temperature can be set between 17°C and 30°C at the press of a button.

OUTDOOR UNIT

The outdoor unit can operate in heating mode with outdoor temperatures at -15°C (which is extremely rare as -7°C would be considered abnormal in NZ). Noise levels are low, between 55 and 57dB depending on unit size and site location. A unique anti-corrosive coating on the condenser withstands salty air, rain and other corrosive elements to maintain operation and improve any defrosting cycles.

