Product Performance, RRP & Running Cost Estimation Guide

For estimates only, no responsibility accepted for incorrect use of guide.

Product	Model, Size and Heat Outputs (Max. Room Area Heated m2) Low~High settings shown where possible. *Note that LPG rates vary, lowest advertised = $87, equates to 15.1c/kWh. Running costs shown in brackets at lowest rate and rounded.	Estimated RRP Inc GST (excludes electrical, gas work, connection fees and building work) ***Prices as of July 2011 and subject to change.***	Energy Inputs (Energy Efficiency) Note: efficiency based on maximum settings, this can change as heaters modulate or as temperature and humidity changes.	Cost of Energy Consumed** Based on fuel prices: NG = 8.5c/kWh Excludes ave 95c daily supply charge. LPG = 17.4c/kWh* 12.8kWh/kg 45kg Cylinder=576kWh. 45kg ave cost=$100* $100/576 = 17.4c/kWh Excludes ave 25c daily supply rental. Power = 24c/kWh Wood = 6.5c/kWh $280/tonne 20%MC Pine. Note: all gas running costs exclude any power costs. ***July 2011 Data, Inc GST, rounded to nearest cent.***	Cost per kWh of Room Heat Average cost of Energy Consumed every hour divided by the resulting Heat Output from heater (across all models shown). **Space heating use refers to amount of heat produced by appliance while operating. The level of home insulation will determine how much of this heat is kept inside or lost outside. Coupled with the size of rooms, these determine true running costs. A heat loss of 80w/m2 has been applied to the calculations, multiply by 1.25 if a 100w/m2 heat loss is to be applied.
KENT Wood Fire *Excludes flue components & Installation*	Kiwi Rad 6~12kW (150)	$1,399	8.7~17.4kWh (69%)	56c~$1.11/hour	Average Wood= 9.7c per kWh of Room Heat or 0.76c per m2/hr
	Kiwi Rad II 6~12kW (150)	TBC	8.7~17.4kWh (69%)	56c~$1.13/hour	
	Kea Rad 6~12kW (150)	$1,399	8.7~17.4kWh (69%)	56c~$1.11/hour	
	Kea Rad II 6~12kW (150)	TBC	8.7~17.4kWh (69%)	56c~$1.13/hour	
	Tui Rad 6~12kW (150)	$1,599	8.4~16.9kWh (71%)	54c~$1.09/hour	
	Tui Rad Wetback 6~12kW (150)	$2,299	9.2~18.4kWh (65%)	60c~$1.19/hour	
	Astron 6~12kW (150)	$1,899	8.4~16.9kWh (71%)	54c~$1.09/hour	
	Firenze 6~12kW (150)	$1,699	8.4~16.9kWh (71%)	54c~$1.09/hour	
	Geneva 6~12kW (150)	$1,949	9.2~18.4kWh (65%)	60c~$1.19/hour	
	Signature 6~17kW (210)	$2,299	8.4~24kWh (71%)	54c~$1.56/hour	
	Quantum 6~20kW (260)	$3,299	8.7~29kWh (69%)	56c~$1.88/hour	
	Barker II 6~20kW (260)	$2,699	8.4~28kWh (71%)	54c~$1.82/hour	
	Barker II Wetback 6~20kW (260)	$3,199	9.2~30.7kWh (65%)	60c~$1.99/hour	
	Logfire Max Inbuilt 6~14kW (170)	$2,699	9.1~21kWh (66%)	59c~$1.36/hour	
	Logfire Supreme Inbuilt 6~12kW (150)	$2,499	9.0~18kWh (67%)	58c~$1.17/hour	
	Logfire Inbuilt 6~14kW (170 non CA)	$2,699	Est 10~20kWh (NA)	65c~$1.30/hour	
	Tilefire 6~20kW (260 non CA)	$2,699	Est 10~28kWh (NA)	65c~$1.82/hour	
KENT Flame-Effect Gas Fire *Excludes flue components & Installation*	Cassel NG Inbuilt 6.5kW (81)	$2,350	7.8kWh (83%)	66.3c/hour	Average Natural Gas= 10c per kWh of Room Heat or 0.81c per m2/hr Average LPG (45kg) = 20c per kWh of Room Heat or 1.66c per m2/hr (18.5c per kWh of Room Heat or 1.45c per m2/hr) Above does not include decorative Sienna range.
	Cassel LPG Inbuilt 5.8kW (72)	$2,350	6.9kWh (84%)	$1.20/hour ($1.04)	
	Ochre Inbuilt NG 5.9kW (73)	$1,799	7.2kWh (82%)	61.2c/hour	
	Ochre Inbuilt LPG 5kW (62)	$1,799	6.2kWh (80%)	$1.07/hour (93.6c)	
	Sienna 800 NG 3.0kW (37.5)	$1,399	9.72kWh (32%)	82.6c/hour	
	Sienna 800 LPG 3.0kW (37.5)	$1,399	9.72kWh (32%)	$1.69/hour ($1.46)	
	Sienna 700 NG 2.5kW (31)	$1,299	8.47kWh (34%)	71.1c/hour	
	Sienna 700 LPG 2.5kW (31)	$1,299	8.47kWh (34%)	$1.47/hour ($1.27)	
KENT Heat Pump *Excludes pipe components & Installation. Outputs vary depending on outdoor temperature. Rated heat outputs used in energy cost table.*	KHP290-001	$1,299			HP Electricity *** = 6.8c per kWh of Room Heat or 0.56c per m2/hr 6.3c per kWh for Energy Star or 0.51c per m2/hr ***Figure at 7°C OD. Heat output drops as OD temp drops. Typically at -7°C extreme OD a loss of 35% heat output is encountered. Therefore Room Heat costs will increase by 35% per kWh (Note: NZ seldom gets below -7°C OD, even then this occurs between 1 ~ 6 am).
	3.8kW (1.4~6kW) Heating (48)		1.0kWh (380%)	24c/hour	
	3.3kW (1.3~4.2kW) Cooling (24)		0.88kWh (375%)	21c/hour	
	KHP290-002	$1,799			
	5.3kW (1.5~6.4kW) Heating (66)		1.56kWh (340%)	37.44c/hour	
	5.0kW (1.6~6.7kW) Cooling (36)		1.54kWh (325%)	36.96/hour	
	KHP290-003	$2,299			
	7.3kW (3.2~7.6kW) Heating (91)		2.15kWh (340%)	51.60c/hour	
	6.75kW (3.5~7.3kW) Cooling (48)		2.08kWh (325%)	50c/hour	
	KHP290-004 (Energy Star Approved)	$2,199			
	5.2kW (3.2~7.6kW) Heating (65)		1.38kWh (377%)	33.12c/hour	
	5.0kW (3.5~7.3kW) Cooling (36)		1.52kWh (328%)	36.48c/hour	
KENT Portable Heaters *Electric & LPG*	11-fin Oil-filled Column 2kW (25)	$120	2kWh (100%)	48c/hour	Direct Electricity = 24c per kWh of Room Heat or 1.92c per m2/hr
	7-fin Oil-filled Column 1.5kW (18.75)	$90	1.5kWh (100%)	36c/hour	
	Ceramic Tower Heater 2kW (25)	$60	2kWh (100%)	48c/hour	
	Ceramic Fan Heater 1.5kW (18.75)	$50	1.5kWh (100%)	36c/hour	
	Convector Heater 2kW (25)	$90	2kWh (100%)	48c/hour	
	Halogen Radiant Heater 1.6kW (20)	$90	1.6kWh (100%)	38.4c/hour	
	Mica-Thermic Heater 1.5kW (18.75)	$140	1.5kWh (100%)	36c/hour	
	Mica-Thermic Heater 2kW (25)	$209	2kWh (100%)	48c/hour	
	Slim Convector Heater 1.5kW (18.75)	$190	1.5kWh (100%)	36c/hour	
	Slim Convector Heater 2.2kW (27.5)	$220	2.2kWh (100%)	52.8c/hour	
	Portable LPG Cabinet 4.2kW (52)	$249	4.4kWh (95%)	1.23c/hour Assumes $32 per 9kg fill 12.8kWh/kg x 9kg = 115.2kWh $32/115.2=28c kWh	Average LPG (9kg) = 29c per kWh of Room Heat or 2.36c per m2/hr