



Energy Usage Guide

Air Conditioning/Heat Pumps

Energy Usage Guide is intended to give an estimated price only. The assumptions made are based on the heat pump being sized correctly. To maintain a constant temperature the compressor regulates down and up to achieve the required temperature.

Average price in cents, obtained from EECA Lower User plans - Auckland/Wellington region	Test conditions are based on ISO 5151 Heating: Indoor: Dry-bulb Temp: 20°C Outdoor: Wet-bulb Temp 7°C Dry-bulb Temp 6°C
Average Electricity Costs per kWh	\$0.27c
Hours of user per day	8.00
Percentage run time	60%

Since the inverter does not run at a fixed speed, out of the 8 hour period, the unit will operate at approximately 60% power input

Model	Power Input kW Heating	Cost per Day	Cost per Week	Cost per Month
High Wall : : Black Diamond LN Series : HyperCore (HZ)				
MSZ-LN25VG2V (HZ)	0.59	\$0.77	\$5.39	\$21.56
MSZ-LN35VG2V (HZ)	0.82	\$1.06	\$7.44	\$28.28
MSZ-LN50VG2V (HZ)	1.49	\$1.94	\$13.58	\$54.32
MSZ-LN60VG2V	1.80	\$2.33	\$16.30	\$65.20
High Wall : : Designer EF Series				
MSZ-EF25VGKB	0.70	\$0.91	\$6.35	\$25.40
MSZ-EF35VGKB	0.95	\$1.24	\$8.68	\$34.72
MSZ-EF42VGKB	1.46	\$1.89	\$13.23	\$52.90
MSZ-EF50VGKB	1.57	\$2.03	\$14.24	\$57.00
High Wall : : EcoCore® AP Series				
MSZ-AP20VGD	0.67	\$0.87	\$6.01	\$24.31
MSZ-AP25VGKD	0.67	\$0.87	\$6.01	\$24.31
MSZ-AP35VGKD	0.81	\$1.05	\$7.35	\$29.40
MSZ-AP42VGKD	1.43	\$1.86	\$13.00	\$52.00
MSZ-AP50VGKD	1.62	\$2.10	\$14.70	\$58.80
MSZ-AP60VGKD	1.67	\$2.16	\$15.12	\$60.48
MSZ-AP71VGKD	2.09	\$2.70	\$18.90	\$75.60
MSZ-AP80VGKD	2.55	\$3.30	\$23.10	\$92.40
High Wall : : EcoCore® GL Series				
MSZ-GL25VGD	0.66	\$0.85	\$5.95	\$23.80
MSZ-GL35VGD	0.81	\$1.05	\$7.35	\$29.40
MSZ-GL42VGD	1.46	\$1.89	\$13.23	\$52.90
MSZ-GL50VGD	1.37	\$1.77	\$12.39	\$49.56
MSZ-GL60VGD	1.67	\$2.16	\$15.12	\$60.48
MSZ-GL71VGD	2.09	\$2.70	\$18.90	\$75.60
MSZ-GL80VGD	2.55	\$3.30	\$23.10	\$92.40
Floor Consoles : : RapidHeat KW Series : HyperCore (HZ)				
MFZ-KW25VG	0.78	\$1.01	\$7.07	\$28.28
MFZ-KW35VG	1.14	\$1.48	\$10.36	\$41.44
MFZ-KW42VG	1.43	\$1.86	\$13.00	\$52.00
MFZ-KW50VG (HZ)	1.53	\$1.98	\$13.86	\$55.44
MFZ-KW60VG (HZ)	1.88	\$2.43	\$17.01	\$68.04
Ceiling Cassettes : : M - Series				
MLZ-KP25VF	0.78	\$1.01	\$7.07	\$28.28
MLZ-KP35VF	1.11	\$1.43	\$10.01	\$40.04
MLZ-KP50VF	1.66	\$2.15	\$15.05	\$60.20
Ceiling Cassettes : : S - Series				
SLZ-M25FA	0.78	\$1.01	\$7.07	\$28.28
SLZ-M35FA	1.11	\$1.43	\$10.01	\$40.04
SLZ-M50FA	1.66	\$2.15	\$15.05	\$60.20
SLZ-M60FA	2.00	\$2.60	\$18.20	\$72.80