



# 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
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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
<b>High Wall :: AS Series</b>				
MSZ-AS90VGD	2.49	\$3.23	\$22.59	\$90.36
<b>High Wall :: Standard GS Series</b>				
MSZ-GS25VFD	0.78	\$1.01	\$7.08	\$28.30
MSZ-GS35VFD	0.94	\$1.22	\$8.53	\$34.11
MSZ-GS50VFD	1.43	\$1.85	\$12.97	\$51.89
MSZ-GS60VFD	1.7	\$2.20	\$15.42	\$61.69
MSZ-GS71VFD	2.2	\$2.85	\$19.96	\$79.83
MSZ-GS80VFD	2.55	\$3.30	\$23.13	\$92.53
<b>High Wall :: Black Diamond LN Series : HyperCore (HZ)</b>				
MSZ-LN25VG2V (HZ)	0.59	\$0.76	\$5.35	\$21.41
MSZ-LN35VG2V (HZ)	0.82	\$1.06	\$7.44	\$29.76
MSZ-LN50VG2V (HZ)	1.49	\$1.93	\$13.52	\$54.07
MSZ-LN60VG2V	1.80	\$2.33	\$16.33	\$65.32
<b>High Wall :: Designer EF Series</b>				
MSZ-EF25VGKB	0.70	\$0.91	\$6.35	\$25.40
MSZ-EF35VGKB	0.95	\$1.23	\$8.62	\$34.47
MSZ-EF42VGKB	1.46	\$1.89	\$13.25	\$52.98
MSZ-EF50VGKB	1.57	\$2.03	\$14.24	\$56.97
<b>High Wall :: EcoCore® AP Series</b>				
MSZ-AP20VGD	0.6	\$0.78	\$5.44	\$21.77
MSZ-AP25VGKD	0.67	\$0.87	\$6.08	\$24.31
MSZ-AP35VGKD	0.81	\$1.05	\$7.35	\$29.39
MSZ-AP42VGKD	1.43	\$1.85	\$12.97	\$51.89
MSZ-AP50VGKD	1.62	\$2.10	\$14.70	\$58.79
MSZ-AP60VGKD	1.67	\$2.16	\$15.15	\$60.60
MSZ-AP71VGKD	2.09	\$2.71	\$18.96	\$75.84
MSZ-AP80VGKD	2.55	\$3.30	\$23.13	\$92.53
<b>High Wall :: EcoCore® GL Series</b>				
MSZ-GL25VGD	0.66	\$0.86	\$5.99	\$23.95
MSZ-GL35VGD	0.81	\$1.05	\$7.35	\$29.39
MSZ-GL42VGD	1.46	\$1.89	\$13.25	\$52.98
MSZ-GL50VGD	1.37	\$1.78	\$12.43	\$49.71
MSZ-GL60VGD	1.67	\$2.16	\$15.15	\$60.60
MSZ-GL71VGD	2.09	\$2.71	\$18.96	\$75.84
MSZ-GL80VGD	2.55	\$3.30	\$23.13	\$92.53
<b>Floor Consoles :: RapidHeat KW Series : HyperCore (HZ)</b>				
MFZ-KW25VG	0.78	\$1.01	\$7.08	\$28.30
MFZ-KW35VG	1.14	\$1.48	\$10.34	\$41.37

MFZ-KW42VG	1.43	\$1.85	\$12.97	\$51.89
MFZ-KW50VG (HZ)	1.53	\$1.98	\$13.88	\$55.52
MFZ-KW60VG (HZ)	1.88	\$2.44	\$17.06	\$68.22
Ceiling Cassettes : : M - Series				
MLZ-KP25VF	0.78	\$1.01	\$7.08	\$28.30
MLZ-KP35VF	1.11	\$1.44	\$10.07	\$40.28
MLZ-KP50VF	1.66	\$2.15	\$15.06	\$60.24
Ceiling Cassettes : : S - Series				
SLZ-M25FA	0.78	\$1.01	\$7.08	\$28.30
SLZ-M35FA	1.11	\$1.44	\$10.07	\$40.28
SLZ-M50FA	1.66	\$2.15	\$15.06	\$60.24
SLZ-M60FA	2.00	\$2.59	\$18.14	\$72.58
Ceiling Concealed : : S - Series				
SEZ-M35DA	1.11	\$1.44	\$10.07	\$40.28
SEZ-M50DA	1.66	\$2.15	\$15.06	\$60.24
SEZ-M60DA	2	\$2.59	\$18.14	\$72.58
SEZ-M71DA	2.20	\$2.85	\$19.96	\$79.83
PEAD Ducted Series				
PEAD-M50JAA (SUZ)	0.9	\$1.17	\$8.16	\$32.66
PEAD-M60JAA-(SUZ)	0.9	\$1.17	\$8.16	\$32.66
PEAD-M71JAA-(SUZ)	1.2	\$1.56	\$10.89	\$43.55
PEAD-M100JAA-(PUZ-ZM)	2.8	\$3.63	\$25.40	\$101.61
PEAD-M125JAA-(PUZ-ZM)	3.52	\$4.56	\$31.93	\$127.73
PEAD-M140JAA-(PUZ-ZM)	4.18	\$5.42	\$37.92	\$151.68
PEAD-M100JAA-(PUZ-M)	3.35	\$4.34	\$30.39	\$121.56
PEAD-M125JAA-(PUZ-M)	3.68	\$4.77	\$33.38	\$133.54
PEAD-M140JAA-(PUZ-M)	4.3	\$5.57	\$39.01	\$156.04
PEA Ducted Series				
PEA-M100JAA-(PUZ-ZM)	2.51	\$3.25	\$22.77	\$91.08
PEA-M125JAA-(PUZ-ZM)	3.27	\$4.24	\$29.67	\$118.66
PEA-M140JAA-(PUZ-ZM)	3.90	\$5.05	\$35.38	\$141.52
PEA-M100JAA-(PUZ-M)	3.36	\$4.35	\$30.48	\$121.93
PEA-M125JAA-(PUZ-M)	3.54	\$4.59	\$32.11	\$128.46
PEA-M140JAA-(PUZ-M)	4.20	\$5.44	\$38.10	\$152.41
PEA-RP170WJA	6.00	\$7.78	\$54.43	\$217.73
PEA-RP200WJA	6.89	\$8.93	\$62.51	\$250.02
PEA-RP250WHA	6.89	\$8.93	\$62.51	\$250.02
PCA Ceiling Suspended				
PCA-M50KA	1.65	\$2.14	\$14.97	\$59.88
PCA-M60KA	1.72	\$2.23	\$15.60	\$62.42
PCA-M71KA-(SUZ)	2.24	\$2.90	\$20.32	\$81.29
PCA-M71KA-(PUZ-ZM)	2.15	\$2.79	\$19.50	\$78.02
PCA-M100KA	3.28	\$4.25	\$29.76	\$119.02
PCA-M125KA	4.22	\$5.47	\$38.28	\$153.14
PCA-M140KA	4.72	\$6.12	\$42.82	\$171.28
PLA-Cassettes				
PLA-M71EA-(SUZ)	2.17	\$2.81	\$19.69	\$78.74
PLA-M71EA-(PUZ-ZM)	2.03	\$2.63	\$18.42	\$73.66
PLA-M100EA-PUZ-ZM)	2.94	\$3.81	\$26.67	\$106.69
PLA-M125EA-(PUZ-ZM)	3.58	\$4.64	\$32.48	\$129.91
PLA-M140EA-(PUZ-ZM)	4.48	\$5.81	\$40.64	\$162.57

