



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 : : AS Series				
MSZ-AS90VGD2	2.94	\$3.81	\$26.67	\$106.69
High Wall : : Standard GS Series				
MSZ-GS25VFD2	0.78	\$1.01	\$7.08	\$28.30
MSZ-GS35VFD2	0.98	\$1.27	\$8.89	\$35.56
MSZ-GS50VFD2	1.28	\$1.66	\$11.61	\$46.45
MSZ-GS60VFD2	1.65	\$2.14	\$14.97	\$59.88
MSZ-GS71VFD2	2.6	\$3.37	\$23.59	\$94.35
MSZ-GS80VFD2	2.55	\$3.30	\$23.13	\$92.53
High Wall : : Black Diamond LN Series				
MSZ-LN25VGD	0.6	\$0.78	\$5.44	\$21.77
MSZ-LN35VGD	0.82	\$1.06	\$7.44	\$29.76
MSZ-LN50VGD	1.48	\$1.92	\$13.43	\$53.71
MSZ-LN60VGD	1.75	\$2.27	\$15.88	\$63.50
High Wall : : Black Diamond LN Series : HyperCore (HZ)				
MSZ-LN25VGHZ2	0.6	\$0.78	\$5.44	\$21.77
MSZ-LN35VGHZ2	0.82	\$1.06	\$7.44	\$29.76
MSZ-LN50VGHZ2	1.47	\$1.91	\$13.34	\$53.34
MSZ-LN60VGHZ2	1.75	\$2.27	\$15.88	\$63.50
High Wall : : Designer EF Series				
MSZ-EF25VGKD	0.70	\$0.91	\$6.35	\$25.40
MSZ-EF35VGKD	0.95	\$1.23	\$8.62	\$34.47
MSZ-EF42VGKD	1.455	\$1.89	\$13.20	\$52.80
MSZ-EF50VGKD	1.56	\$2.02	\$14.15	\$56.61
High Wall : : EcoCore® AP Series				
MSZ-AP20VGD2	0.6	\$0.78	\$5.44	\$21.77
MSZ-AP25VGKD2	0.67	\$0.87	\$6.08	\$24.31
MSZ-AP35VGKD2	0.82	\$1.06	\$7.44	\$29.76
MSZ-AP42VGKD2	1.43	\$1.85	\$12.97	\$51.89
MSZ-AP50VGKD2	1.62	\$2.10	\$14.70	\$58.79
MSZ-AP60VGKD2	1.65	\$2.14	\$14.97	\$59.88
MSZ-AP71VGKD2	2.09	\$2.71	\$18.96	\$75.84
MSZ-AP80VGKD2	2.55	\$3.30	\$23.13	\$92.53

Model	Power Input kW Heating	Cost per Day	Cost per Week	Cost per Month
Floor Consoles :: RapidHeat KW Series : HyperCore (HZ)				
MFZ-KW25VGK	0.78	\$1.01	\$7.08	\$28.30
MFZ-KW35VGK	1.14	\$1.48	\$10.34	\$41.37
MFZ-KW42VGK	1.43	\$1.85	\$12.97	\$51.89
MFZ-KW50VGK	1.53	\$1.98	\$13.88	\$55.52
MFZ-KW60VGK	1.88	\$2.44	\$17.06	\$68.22
MFZ-KW50VGK (HZ)	1.53	\$1.98	\$13.88	\$55.52
MFZ-KW60VGK (HZ)	1.88	\$2.44	\$17.06	\$68.22
Ceiling Cassettes :: M - Series				
MLZ-KP25VF	0.79	\$1.02	\$7.17	\$28.67
MLZ-KP35VF	1.13	\$1.46	\$10.25	\$41.01
MLZ-KP50VF	1.83	\$2.37	\$16.60	\$66.41
Ceiling Cassettes :: S - Series				
SLZ-M25FA3	0.78	\$1.01	\$7.08	\$28.30
SLZ-M35FA3	1.05	\$1.36	\$9.53	\$38.10
SLZ-M50FA3	1.58	\$2.05	\$14.33	\$57.34
SLZ-M60FA3	1.70	\$2.20	\$15.42	\$61.69
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	1.89	\$2.45	\$17.15	\$68.58
SEZ-M71DA	2.22	\$2.88	\$20.14	\$80.56
PEAD Ducted Series				
PEAD-M50JAA (SUZ)	1.44	\$1.87	\$13.06	\$52.25
PEAD-M60JAA-(SUZ)	1.85	\$2.40	\$16.78	\$67.13
PEAD-M71JAA-(SUZ)	2	\$2.59	\$18.14	\$72.58
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-M100GAA-(PUZ-ZM)	2.51	\$3.25	\$22.77	\$91.08
PEA-M125GAA-(PUZ-ZM)	3.27	\$4.24	\$29.67	\$118.66
PEA-M140GAA-(PUZ-ZM)	3.90	\$5.05	\$35.38	\$141.52
PEA-M100GAA-(PUZ-M)	3.36	\$4.35	\$30.48	\$121.93
PEA-M125GAA-(PUZ-M)	3.54	\$4.59	\$32.11	\$128.46
PEA-M140GAA-(PUZ-M)	4.20	\$5.44	\$38.10	\$152.41
PEA-M100HAA-(PUZ-ZM)	2.71	\$3.51	\$24.59	\$98.34
PEA-M125HAA-(PUZ-ZM)	3.4	\$4.41	\$30.84	\$123.38
PEA-M140HAA-(PUZ-ZM)	3.97	\$5.15	\$36.02	\$144.06
PEA-M160HAA-(PUZ-ZM)	4.58	\$5.94	\$41.55	\$166.20
PEA-M100HAA-(PUZ-M)	3.24	\$4.20	\$29.39	\$117.57
PEA-M125HAA-(PUZ-M)	3.44	\$4.46	\$31.21	\$124.83
PEA-M140HAA-(PUZ-M)	3.85	\$4.99	\$34.93	\$139.71
PEA-M180LAA-(PUZ-ZM)	5.1	\$6.61	\$46.27	\$185.07
PEA-M200LAA-(PUZ-ZM)	5.9	\$7.65	\$53.52	\$214.10
PEA-M250LAA-(PUZ-ZM)	7.5	\$9.72	\$68.04	\$272.16

Model	Power Input kW Heating	Cost per Day	Cost per Week	Cost per Month
PCA Ceiling Suspended				
PCA-M50KA-(SUZ)	1.5	\$1.94	\$13.61	\$54.43
PCA-M60KA-(SUZ)	1.76	\$2.28	\$15.97	\$63.87
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-(PUZ-ZM)	3.28	\$4.25	\$29.76	\$119.02
PCA-M125KA-(PUZ-ZM)	4.22	\$5.47	\$38.28	\$153.14
PCA-M140KA-(PUZ-ZM)	4.72	\$6.12	\$42.82	\$171.28
PCA-M100KA-(PUZ-M)	3.38	\$4.38	\$30.66	\$122.65
PCA-M125KA-(PUZ-M)	4.35	\$5.64	\$39.46	\$157.85
PCA-M71HA2-(PUZ-ZM)	2.17	\$2.81	\$19.69	\$78.74
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
PLA-M100EA-(PUZ-M)	2.98	\$3.86	\$27.03	\$108.14
PLA-M125EA-(PUZ-M)	3.85	\$4.99	\$34.93	\$139.71