

The following costs are estimates only. The assumptions made are based on the heat pump being correctly sized and the compressor / outdoor system running at a set percentage of the total power input. A heat pump is very similar to a refrigerator. To maintain a constant temperature the compressor slows down and ramps up to achieve the temperature required. An inverter unit is the most efficient type of heat pump. Input power based on rated conditions



Energy Usage for Airconditioning / Heatpumps

Average national cost of electricity per kilo watt	\$0.27
Hours of use per day	8
Percentage Run Time Inverter	60%

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

Model	Input Power - Heating (kW)	Cost per Day	Cost Per Week	Cost Per Month
Wall Mounted Designer EF				
MSZ-EF25VE2	0.70	\$0.91	\$6.35	\$27.22
MSZ-EF35VE2	0.96	\$1.24	\$8.71	\$37.32
MSZ-EF42VE2	1.46	\$1.89	\$13.25	\$56.76
MSZ-EF50VE2	1.57	\$2.03	\$14.24	\$61.04
Wall Mounted EcoCore AP				
MSZ-AP25VGD	0.67	\$0.87	\$6.08	\$26.05
MSZ-AP35VGD	0.81	\$1.05	\$7.35	\$31.49
MSZ-AP42VGD	1.43	\$1.85	\$12.97	\$55.60
MSZ-AP50VGD	1.62	\$2.10	\$14.70	\$62.99
MSZ-AP60VGD	1.67	\$2.16	\$15.15	\$64.93
MSZ-AP71VGD	2.09	\$2.71	\$18.96	\$81.26
MSZ-AP80VGD	2.55	\$3.30	\$23.13	\$99.14
Wall Mounted EcoCore GL				
MSZ-GL25VGD	0.66	\$0.86	\$5.99	\$25.66
MSZ-GL35VGD	0.81	\$1.05	\$7.35	\$31.49
MSZ-GL42VGD	1.46	\$1.89	\$13.25	\$56.76
MSZ-GL50VGD	1.37	\$1.78	\$12.43	\$53.27
MSZ-GL60VGD	1.67	\$2.16	\$15.15	\$64.93
MSZ-GL71VGD	2.09	\$2.71	\$18.96	\$81.26
MSZ-GL80VGD	2.55	\$3.30	\$23.13	\$99.14
Floor Mounted KJ				
MFZ-KJ25VE	0.77	\$1.00	\$6.99	\$29.94
MFZ-KJ35VE	1.10	\$1.43	\$9.98	\$42.77
MFZ-KJ50VE	1.50	\$1.94	\$13.61	\$58.32
MFZ-KJ60VE	1.89	\$2.45	\$17.15	\$73.48
Ceiling Cassette KF				
SLZ-KF25VA	0.78	\$1.01	\$7.08	\$30.33
SLZ-KF35VA	1.08	\$1.40	\$9.80	\$41.99
SLZ-KF50VA	1.58	\$2.05	\$14.33	\$61.43
SLZ-KF60VA	1.88	\$2.44	\$17.06	\$73.09
Wall Mounted Black Diamond Hypercore LN				
MSZ-LN25VGHZ	0.59	\$0.76	\$5.35	\$22.94
MSZ-LN35VGHZ	0.82	\$1.06	\$7.44	\$31.88
MSZ-LN50VGHZ	1.48	\$1.92	\$13.43	\$57.54
Wall Mounted Black Diamond LN				
MSZ-LN60VG	1.80	\$2.33	\$16.33	\$69.98
Floor Mounted Hypercore KJ				
MFZ-KJ50VEHZ	1.50	\$1.94	\$13.61	\$58.32
MFZ-KJ60VEHZ	1.89	\$2.45	\$17.15	\$73.48