



**CATEGORY: AIRCON**

Tested Units as of December 2021

Rate: 9.744

(2018 Q1 Average Rate for ALL Meralco Residential Customers)

Brand	Capacity / Size	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost to Operate (Php)
American Home	1.0	Split-Type, Inverter	AHAC-STI90	0.4200	4.09
American Home	1.5	Split-Type, Inverter	AHAC-STI120	0.3799	3.70
American Home	1.5	Split-Type, Inverter	AHAC-Ti150STI	0.3397	3.31
American Home	1.0	Split-Type, Inverter	AHAC-100STI	0.3253	3.17
American Home	2.0	Window-Type, Inverter	AHAC-STI180	0.7528	7.34
American Home	1.5	Window-Type, Inverter	AHAC-WTI1500iOX	0.2521	2.46
American Home	1.0	Window-Type, Inverter	AHAC-WTI1000iOX	0.2387	2.33
Carrier	0.5	Window-Type, Conventional	WCARZ006EC	0.2205	2.15
Carrier	1.0	Window-Type, Conventional	WCARH010EA	0.3763	3.67
Carrier	1.0	Window-Type, Conventional	WCARY10EC	0.4511	4.40
Carrier	1.0	Window-Type, Conventional	WCARGO10EA	0.5400	5.26
Carrier	1.0	Window-Type, Conventional	WCARZ010EC	0.4375	4.26
Carrier	1.0	Window-Type, Inverter	51W2B010308	0.4243	4.13
Carrier	1.5	Split-Type, Inverter	FP-53CVES013-703	0.2735	2.66
Carrier	1.5	Split-Type, Inverter	FP-53CVUR013-703	0.2146	2.09
Carrier	1.5	Split-Type, Inverter	FP-53CSD0012308	0.4558	4.44
Carrier	1.5	Split-Type, Conventional	FP-53CSH012308	0.6435	6.27
Carrier	1.5	Split-Type, Inverter	FP-53CVGS013-303P	0.2100	2.05
Carrier	2.0	Split-Type, Inverter	FP-53CVES016-703	0.2471	2.41
Carrier	2.5	Split-Type, Inverter	FP-53CVES022-703	0.5541	5.40



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Carrier	2.0	Split-Type, Inverter	FP-53CVGS016-303	0.1473	1.44
Carrier	2.5	Split-Type, Inverter	FP-53CVGS024-303	0.1829	1.78
Carrier	1.0	Split-Type, Inverter	FP-53VCGS010-303	0.1862	1.81
Carrier	1.5	Split-Type, Inverter	FP-53CVES013-303	0.2735	2.66
Condura	0.6	Window-Type, Conventional	WCONZ006EC	0.2542	2.48
Condura	0.6	Window-Type, Conventional	WCONC006EC	0.2001	1.95
Condura	1.0	Window-Type, Conventional	WCONX010EC1	0.5353	5.22
Condura	1.0	Window-Type, Conventional	WCONH010EE	0.3592	3.50
Condura	1.0	Window-Type, Conventional	WCONZ010EC	0.4053	3.95
Condura	1.0	Window-Type, Conventional	WCONH010EC	0.5660	5.52
Condura	1.0	Split-Type, Conventional	FP-53KSH009313	0.4124	4.02
Condura	1.0	Split-Type, Inverter	53KHV009313B0	0.2117	2.06
Condura	1.0	Split-Type, Inverter	FP-53KXV009313	0.3724	3.63
Condura	1.5	Split-Type, Inverter	FP-53KXV012313	0.4558	4.44
Condura	2.0	Split-Type, Inverter	FP-53KXV18313	0.3645	3.55
Dowell	1.0	Window-Type, Conventional	ACW-1000T	0.4095	3.99
Dowell	1.5	Window-Type, Conventional	ACW-1500T	0.5852	5.70
Dowell	1.0	Window-Type, Inverter	ACW-2i1000RT	0.2346	2.29
Dowell	1.5	Window-Type, Inverter	ACW-2i1500RT	0.3396	3.31
Gree	0.80	Window-Type, Conventional	KX-20P	0.3613	3.52
Gree	1.0	Window-Type, Conventional	KX-25P	0.4218	4.11
Gree	1.5	Window-Type, Inverter	KX-35I	0.3967	3.87
Gree	1.5	Split-Type, Conventional	KF-35C	0.5277	5.14
Gree	1.5	Split-Type, Inverter	KF-35I	0.4155	4.05
Gree	2.0	Split-Type, Inverter	KF-45I	0.3775	3.68
Gree	0.6	Window-Type, Conventional	KX-15P	0.2582	2.52



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Gree	1.0	Split-Type, Conventional	KF-25C	0.4100	4.00
Kolin	1.5	Window-Type, Inverter	KAG-150RSINV	0.3248	3.16
Kolin	1.0	Window-Type, Inverter	KAG-110RSINV	0.2944	2.87
Kolin	2.0	Window-Type, Conventional	KAG-200RSINV	0.3723	3.63
Kolin	2.4	Window-Type, Conventional	KAG-240RSINV	0.4711	4.59
LG	1.0	Split-Type, Inverter	HS-09ISM	0.2545	2.48
LG	1.0	Split-Type, Inverter	HS-09IPM	0.2851	2.78
Condura	2.5	Split-Type, Inverter	FP-53KXV022313	0.5133	5.00
LG	1.0	Split-Type, Inverter	HSN-09ISP	0.2048	2.00
LG	1.0	Split-Type, Inverter	HSN-09IST	0.2326	2.27
LG	1.5	Split-Type, Inverter	HS-12ISM	0.2879	2.81
LG	1.5	Split-Type, Inverter	HSN-12ISP	0.2724	2.65
LG	1.5	Split-Type, Inverter	HSN-12IST	0.3183	3.10
LG	1.0	Split-Type, Inverter	HSN09ISS	0.2166	2.11
LG	1.5	Split-Type, Inverter	HSN12ISS	0.2196	2.14
LG	2.0	Split-Type, Inverter	HSN18ISS	0.1858	1.81
LG	2.5	Split-Type, Inverter	HSN24ISS	0.2951	2.88
LG	0.75	Window-Type, Conventional	LA080SC	0.3155	3.07
LG	1.0	Window-Type, Conventional	LA100SC	0.3095	3.02
LG	1.5	Window-Type, Conventional	LA150SC	0.4178	4.07
LG	1.0	Split-Type, Inverter	HS-09APD	0.2237	2.18
LG	1.5	Split-Type, Inverter	HS-12APD	0.2075	2.02
LG	2.0	Split-Type, Inverter	HS-18APD	0.2864	2.79
LG	2.5	Split-Type, Inverter	HS-24APD	0.2589	2.52
LG	1.0	Split-Type, Inverter	HS-09ISQ	0.2450	2.39
LG	1.5	Split-Type, Inverter	HS-12ISQ	0.3474	3.39



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Brand	Capacity / Size	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost to Operate (Php)
LG	2.0	Split-Type, Inverter	HS-18ISQ	0.2622	2.55
LG	1.0	Window-Type, Inverter	LA100VC	0.2607	2.54
LG	2.0	Window-Type, Inverter	LA200VC	0.3394	3.31
Mabe	0.75	Window-Type, Conventional	MED07VQ	0.3854	3.76
Mabe	0.75	Window-Type, Conventional	MEE07VQ	0.3774	3.68
Mabe	1.0	Window-Type, Inverter	MEI09VR	0.2656	2.59
Midea	0.6	Window-Type, Conventional	FP-51ARA006HMNV-N1B	0.2694	2.63
Midea	1.0	Window-Type, Conventional	FP-51ARA010HMNV-N1	0.6683	6.51
Midea	1.0	Split-Type, Conventional	FP-53AST010KENV-N1	0.4937	4.81
Midea	1.0	Split-Type, Inverter	FP-53AST010KEIV-B2	0.2881	2.81
Midea	1.0	Split-Type, Inverter	FP-53AST010KEIV-W2	0.2881	2.81
Midea	1.0	Split-Type, Inverter	FP-53AST010KEIV-T4	0.2226	2.17
Midea	1.0	Split-Type, Inverter	FP-53AST010KEIV-W5	0.3308	3.22
Midea	1.5	Split-Type, Inverter	FP-53AST015KEIV-T4	0.2998	2.92
Midea	1.5	Split-Type, Inverter	FP-53AST015KEIV-W5	0.4280	4.17
Midea	1.0	Window-Type, Inverter	FP-51ARA010HEIV-N4	0.3954	3.85
Midea	1.0	Window-Type, Conventional	FP-51ARA010HMNV-N4	0.5573	5.43
Midea	1.0	Window-Type, Conventional	FP-51ARA010HMNV-N5	0.6029	5.87
Panasonic	0.80	Window-Type, Conventional	CW-SC85JPH	0.3188	3.11
Panasonic	0.6	Window-Type, Conventional	CW-SC65JPH	0.3142	3.06
Panasonic	1.0	Window-Type, Conventional	CW-SC95JPH	0.4930	4.80
Samsung	1.0	Split-Type, Inverter	AR09HVSDQWKN	0.2965	2.89
Samsung	1.0	Split-Type, Conventional	AR09JCFNRWKN	0.4543	4.43
Samsung	2.0	Split-Type, Inverter	AR18HVSDQWKN	0.5232	5.10
Daikin	1.0	Split-Type, Inverter	FTKQ25AXVL / RKQ25AGXVL	0.2791	2.72
Daikin	1.5	Split-Type, Inverter	FTKQ35AXVL / RKQ35AGXVL	0.3153	3.07



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Daikin	2.0	Split-Type, Inverter	FTKQ50AXVL / RKQ50AGXVL	0.3382	3.30
Daikin	2.5	Split-Type, Inverter	FTKQ60AXVL / RKQ60AGXVL	0.4075	3.97
Panasonic	1.0	Split-Type, Inverter	CS-VU9UKQ	0.1966	1.92
Panasonic	1.5	Split-Type, Inverter	CS-VU12UKQ	0.2586	2.52
Panasonic	1.0	Split-Type, Inverter	CU-PU9VKQ	0.2587	2.52
Panasonic	1.5	Split-Type, Inverter	CU-PU12VKQ	0.2921	2.85
Panasonic	1.5	Split-Type, Inverter	CS-XU12VKQ	0.2895	2.82
Panasonic	1.0	Split-Type, Inverter	CS-XU9VKQ	0.4111	4.01
Fujidenzo	0.6	Window-Type, Conventional	WAM551	0.2361	2.30
Fujidenzo	0.75	Window-Type, Conventional	WAR70CES	0.5219	5.09
Fujidenzo	1.0	Window-Type, Conventional	WAR90CES	0.4385	4.27
Fujidenzo	1.5	Window-Type, Conventional	WAR120CES	0.4724	4.60
AR Energy	1.5	Split-Type, Solar Hybrid	HYBRID-ACDC-12EU	0.2098	2.04
American Home	1.50	Window Type, Inverter	AHAC-WINV1500M	0.2839	2.77
American Home	0.60	Window type, Non-Inverter	AHAC-6419MNT	0.2305	2.25
American Home	1.00	Window type, Non-Inverter	AHAC-93MNT	0.3153	3.07
American Home	1.00	Window Type, Inverter	AHAC-WINV1000M	0.2590	2.52
American Home	1.50	Window type, Non-Inverter	AHAC-162MNT	0.4566	4.45
American Home	2.00	Window type, Non-Inverter	AHAC-192MNT	0.7081	6.90
American Home	1.00	Window type, Non-Inverter	AHAC-92MNT	0.5186	5.05



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American Home	0.60	Window type, Non-Inverter	AHAC-TI60MNT	0.2839	2.77
Astron	1.00	Window type, Non-Inverter	TC-L100MA	0.6040	5.89
Astron	1.00	Window type, Non-Inverter	TC-L100RE	0.5698	5.55
Astron	1.50	Window type, Non-Inverter	TC-LMA150	0.4111	4.01
Astron	0.60	Window type, Non-Inverter	TC-L60MA	0.3158	3.08
Astron	1.50	Window type, Non-Inverter	TC-LRE150	0.5842	5.69
Beko	1.00	Split type, Inverter	BSVOA 091	0.4097	3.99
Beko	2.00	Split type, Inverter	BSVOA 181	0.5255	5.12
Beko	1.50	Split type, Inverter	BSVOA 121	0.2700	2.63
Carrier	6.00	Window Type, Non-Inverter	WCARK006EECG	0.1868	1.82
Fujidenzo	1.00	Window type	WAM100IG2	0.6645	6.48
Fujidenzo	0.60	Window type	WAM60IG2	0.2383	2.32
Fujidenzo	0.75	Window type	WAM75IG2	0.4144	4.04
Kolin	1.50	Window Type, Inverter	145RSINV	0.2833	2.76
Kolin	1.00	Window Type, Inverter	KAG-100WCINV	0.3172	3.09
Kolin	1.00	Window Type, Non-Inverter	KAG-100HRE4	0.5294	5.16
LG	0.75	Window type	LA080FC	0.4043	3.94
LG	1.50	Window type	LA150FC	0.3945	3.84
LG	2.00	Split type, Inverter	HS-18ISW	0.4034	3.93
LG	2.00	Split type, Inverter	HS-24ISW	0.5694	5.55
LG	2.50	Split type, Inverter	HS-24ISU	0.7775	7.58
LG	1.00	Split type, Inverter	HS-09ISU	0.1919	1.87
LG	1.50	Split type, Inverter	HS-12ISU	0.2601	2.53
LG	1.00	Split type, Inverter	HS-09ISW	0.2851	2.78
LG	2.00	Split type, Inverter	HS-18ISU	0.3568	3.48



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LG	1.50	Split type, Inverter	HS-12ISW	0.3265	3.18
Mabe	1.00	Window type, Non-Inverter	MEE09VV	0.3055	2.98
Mabe	1.00	Split Type, Inverter	MMI09CDBWCCAXI8	0.3643	3.55
Mabe	1.50	Split Type, Inverter	MMI12CDBWCCAXI8	0.4959	4.83
Mabe	2.00	Split Type, Inverter	MMI18CDBWCCAXI8	0.7931	7.73
Mabe	2.50	Split Type, Inverter	MMI24CDBWCCAXI8	0.7199	7.01
Mabe	1.50	Window Type, Inverter	MEI12VR	0.3171	3.09
Mabe	1.00	Window Type, Non-Inverter	MEV09VV	0.5119	4.99
Mabe	2.00	Window Type, Non-Inverter	MEE18VV	0.5891	5.74
Mabe	0.50	Window Type, Non-Inverter	MEV05VV	0.2308	2.25
Mabe	2.00	Window Type, Non-Inverter	MEV18VV	0.7517	7.32