

CATEGORY: AIR CONDITIONERS

Tested units as of August 2018

Rate

9.744

(2018 Q1 Average Rate for ALL Meralco Residential Customers)

BRAND	CAPACITY (hp)	DESCRIPTION	MODEL	EST ENERGY CONSUMPTION PER HOUR (kWh/HOUR)	EST COST PER HOUR (Php/HOUR)
AMERICAN HOME	1.0	Split-Type, Inverter	AHAC-STI90	0.4200	4.09
	1.0	Window-Type, Inverter	AHAC-WT11000iOX	0.2387	2.33
	1.0	Split-Type, Inverter	AHAC-100STI	0.3253	3.17
	1.5	Split-Type, Inverter	AHAC-Ti150STI	0.3397	3.31
	1.5	Split-Type, Inverter	AHAC-STI120	0.3799	3.70
	1.5	Window-Type, Inverter	AHAC-WT11500iOX	0.2521	2.46
	2.0	Window-Type, Inverter	AHAC-STI180	0.7528	7.34
CARRIER	0.5	Window-Type, Conventional	WCARZ006EC	0.2205	2.15
	1.0	Window-Type, Conventional	WCARH010EA	0.3763	3.67
	1.0	Window-Type, Conventional	WCARY10EC	0.4511	4.40
	1.0	Window-Type, Conventional	WCARGO10EA	0.5400	5.26
	1.0	Window-Type, Conventional	WCARZ010EC	0.4375	4.26
	1.0	Window-Type, Inverter	51W2B010308	0.4243	4.13
	1.0	Split-Type, Inverter	FP-53VCGS010-303	0.1862	1.81
	1.5	Split-Type, Inverter	FP-53CVES013-703	0.2735	2.66
	1.5	Split-Type, Inverter	FP-53CVUR013-703	0.2146	2.09
	1.5	Split-Type, Inverter	FP-53CSD0012308	0.4558	4.44
	1.5	Split-Type, Conventional	FP-53CSH012308	0.6435	6.27
	1.5	Split-Type, Inverter	FP-53CVES013-303	0.2735	2.66
	1.5	Split-Type, Inverter	FP-53CVGS013-303P	0.2100	2.05
	2.0	Split-Type, Inverter	FP-53CVES016-703	0.2471	2.41
	2.0	Split-Type, Inverter	FP-53CVGS016-303	0.1473	1.44
	2.5	Split-Type, Inverter	FP-53CVGS024-303	0.1829	1.78
	2.5	Split-Type, Inverter	FP-53CVES022-703	0.5541	5.40
CONDURA	0.5	Window-Type, Conventional	WCONZ006EC	0.2542	2.48
	0.6	Window-Type, Conventional	WCONC006EC	0.2001	1.95
	1.0	Window-Type, Conventional	WCONX010EC1	0.5353	5.22
	1.0	Window-Type, Conventional	WCONH010EE	0.3592	3.50
	1.0	Window-Type, Conventional	WCONZ010EC	0.4053	3.95
	1.0	Window-Type, Conventional	WCONH010EC	0.5660	5.52
	1.0	Split-Type, Conventional	FP-53KSH009313	0.4124	4.02
	1.0	Split-Type, Inverter	53KHV009313B0	0.2117	2.06
	1.0	Split-Type, Inverter	FP-53KXV009313	0.3724	3.63
	1.5	Split-Type, Inverter	FP-53KXV012313	0.4558	4.44
DOWELL	2.0	Split-Type, Inverter	FP-53KXV18313	0.3645	3.55
	1.0	Window-Type, Conventional	ACW-1000T	0.4095	3.99
	1.0	Window-Type, Inverter	ACW-2i1000RT	0.2346	2.29
	1.5	Window-Type, Conventional	ACW-1500T	0.5852	5.70
FUJIDENZO	1.5	Window-Type, Inverter	ACW-2i1500RT	0.3396	3.31
	0.6	Window-Type, Conventional	WAM551	0.2361	2.30
	0.75	Window-Type, Conventional	WAR70CES	0.5219	5.09
	1.0	Window-Type, Conventional	WAR90CES	0.4385	4.27
	1.5	Window-Type, Conventional	WAR120CES	0.4724	4.60

BRAND	CAPACITY (hp)	DESCRIPTION	MODEL	EST ENERGY CONSUMPTION PER HOUR (kWh/HOUR)	EST COST PER HOUR (PhP/HOUR)
GREE	0.8	Window-Type, Conventional	KX-20P	0.3613	3.52
	1.0	Window-Type, Conventional	KX-25P	0.4218	4.11
	1.5	Window-Type, Inverter	KX-35I	0.3967	3.87
	1.5	Split-Type, Conventional	KF-35C	0.5277	5.14
	1.5	Split-Type, Inverter	KF-35I	0.4155	4.05
	2.0	Split-Type, Inverter	KF-45I	0.3775	3.68
	0.6	Window-Type, Conventional	KX-15P	0.2582	2.52
	1.0	Split-Type, Conventional	KF-25C	0.4100	4.00
KOLIN	1.5	Window-Type, Inverter	KAG-150RSINV	0.3248	3.16
	1.0	Window-Type, Inverter	KAG-110RSINV	0.2944	2.87
	2.0	Window-Type, Conventional	KAG-200RSINV	0.3723	3.63
	2.4	Window-Type, Conventional	KAG-240RSINV	0.4711	4.59
LG	1.0	Split-Type, Inverter	HS-09ISM	0.2545	2.48
	1.0	Split-Type, Inverter	HS-09IPM	0.2851	2.78
	1.0	Split-Type, Inverter	HSN-09ISP	0.2048	2.00
	1.0	Split-Type, Inverter	HSN-09IST	0.2326	2.27
	1.5	Split-Type, Inverter	HS-12ISM	0.2879	2.81
	1.5	Split-Type, Inverter	HSN-12ISP	0.2724	2.65
	1.5	Split-Type, Inverter	HSN-12IST	0.3183	3.10
	1.0	Split-Type, Inverter	HSN09ISS	0.2166	2.11
	1.5	Split-Type, Inverter	HSN12ISS	0.2196	2.14
	2.0	Split-Type, Inverter	HSN18ISS	0.1858	1.81
	2.5	Split-Type, Inverter	HSN24ISS	0.2951	2.88
	0.75	Window-Type, Conventional	LA080SC	0.3155	3.07
	1.0	Window-Type, Conventional	LA100SC	0.3095	3.02
	1.5	Window-Type, Conventional	LA150SC	0.4178	4.07
	1.0	Split-Type, Inverter	HS-09APD	0.2237	2.18
	1.5	Split-Type, Inverter	HS-12APD	0.2075	2.02
	2.0	Split-Type, Inverter	HS-18APD	0.2864	2.79
	2.5	Split-Type, Inverter	HS-24APD	0.2589	2.52
	1.0	Split-Type, Inverter	HS-09ISQ	0.2450	2.39
	1.5	Split-Type, Inverter	HS-12ISQ	0.3474	3.39
	2.0	Split-Type, Inverter	HS-18ISQ	0.2622	2.55
	1.0	Window-Type, Inverter	LA100VC	0.2607	2.54
	2.0	Window-Type, Inverter	LA200VC	0.3394	3.31
MABE	0.75	Window-Type, Conventional	MED07VQ	0.3854	3.76
	0.75	Window-Type, Conventional	MEE07VQ	0.3774	3.68
	0.75	Window-Type, Inverter	MEI09VR	0.2656	2.59
MIDEA	0.6	Window-Type, Conventional	FP-51ARA006HMNV-N1B	0.2694	2.63
	1.0	Window-Type, Conventional	FP-51ARA010HMNV-N1	0.6683	6.51
	1.0	Split-Type, Conventional	FP-53AST010KENV-N1	0.4937	4.81
	1.0	Split-Type, Inverter	FP-53AST010KEIV-B2	0.2881	2.81
	1.0	Split-Type, Inverter	FP-53AST010KEIV-W2	0.2881	2.81
	1.0	Split-Type, Inverter	FP-53AST010KEIV-T4	0.2226	2.17
	1.0	Split-Type, Inverter	FP-53AST010KEIV-W5	0.3308	3.22
	1.5	Split-Type, Inverter	FP-53AST015KEIV-T4	0.2998	2.92
	1.5	Split-Type, Inverter	FP-53AST015KEIV-W5	0.428	4.17
	1.0	Window-Type, Inverter	FP-51ARA010HEIV-N4	0.3954	3.85
PANASONIC	1.0	Window-Type, Conventional	FP-51ARA010HMNV-N4	0.5573	5.43
	1.0	Window-Type, Conventional	FP-51ARA010HMNV-N5	0.6029	5.87
	0.8	Window-Type, Conventional	CW-SC85JPH	0.3188	3.11
	0.6	Window-Type, Conventional	CW-SC65JPH	0.3142	3.06
SAMSUNG	1.0	Window-Type, Conventional	CW-SC95JPH	0.4930	4.80
	1.0	Split-Type, Inverter	AR09HVSQWKN	0.2965	2.89
	1.0	Split-Type, Conventional	AR09JCFNRWKN	0.4543	4.43
	2.0	Split-Type, Inverter	AR18HVSQWKN	0.5232	5.10