



CATEGORY: FANS, BLOWERS & AIR COOLERS
 Tested Units as of: June 2022

Rate: Php 10.45/kWh
 2022 1H Average Rate for ALL Meralco Residential Customers

Brand	Capacity / Size	Unit of Measure	Product	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost To Operate (Php)
Hanabishi	16.00	inches	Stand Fan	Stand Fan	THE SPACE 16SF	0.0612	0.64
KDK	16.00	inches	Stand Fan	Stand Fan	SF40Y-B	0.0675	0.71
Panasonic	16.00	inches	Stand Fan	Stand Fan	F-40SWP	0.0706	0.74
Union	16.00	inches	Stand Fan	Stand Fan	UGSF 1626	0.0662	0.69
Firefly	16.00	inches	Desk Fan	16inch 12V DC Oscillating Multi-Speed Fan	FEL608	0.0139	0.14
Firefly	-	-	Oscillating Fan	4 LED Night Light w/ 12" Oscillating Fan	FEL616	0.0957	1.00
Firefly	-	-	Rechargeable Fan	12 LED Deskfan 12" Oscillating 3-speed	FEL617	0.0540	0.56
Firefly	-	-	Rechargeable Fan	LED 6" 2-Speed Fan w/ 3LED Night Light	FEL621	0.0215	0.22
Firefly	-	-	Rechargeable Fan	LED 12" Oscillating 2-Speed w/ 8LED Night	FEL627	0.0308	0.32
Firefly	-	-	Rechargeable Fan	LED 16" Oscillating 3-Speed w/ 6LED Night	FEL631	0.0565	0.59
Hanabishi	16.00	inches	Stand Fan	Windmill Stand fan	WM16SF	0.0620	0.65
Tough Mama	-	-	Desk Fan	Desk Fan	NTM-2612	0.0201	0.21
Fujidenzo	16.00	inches	Desk Fan	16 inch Desk Fan (Aqua Green)	DF-16F	0.0476	0.50
Fujidenzo	25 - 50	sq.m	Air Cooler	5,000 m3/h Evaporative Aircooler - Mechanical Control	FEA-5000	0.2122	2.22
Fujidenzo	-	-	Air Cooler	7,000 m3/h Evaporative Aircooler - Digital Control with Remote	FEA-7000	0.2926	3.06
Asahi	16.00	inches	Stand Fan	Stand Fan	BG 6026	0.0603	0.63
Asahi	16.00	inches	Ceiling Fan	Ceiling Fan	CF 644	0.0594	0.62
Asahi	16.00	inches	Stand Fan	Stand Fan	DC 6072	0.0210	0.22
Asahi	16.00	inches	Stand Fan	Stand Fan	DC 6080	0.0261	0.27
Asahi	16.00	inches	Stand Fan	Stand Fan	PF 630	0.0525	0.55
Asahi	18.00	inches	Stand Fan	Stand Fan	PF 840	0.0838	0.88
Asahi	16 & 12	inches	Stand Fan	Double Head Fan	TW 6020	0.0690	0.72
Asahi	16.00	inches	Wall Fan	Wall Fan	WF 627	0.0594	0.62
Baumann & Tylr	45.00	W	Tower Fan	Multi-Directional Tower Fan	TYL-DFAT0900F	0.0467	0.49
Firefly	150.00	sq.m	Air Cooler	Air Cooler	FEL106	0.0910	0.95
Firefly	-	-	Rechargeable Fan	Rechargeable Fan	FEL662	0.0177	0.19
Firefly	-	-	Rechargeable Fan	Rechargeable Fan	FEL663	0.0467	0.49
Firefly	75.00	sq.m	Air Cooler	Air Cooler	FHF105	0.0459	0.48
Firefly	26.00	sq.m	Air Cooler	Air Cooler	FHF107	0.0659	0.69
Vornado	2.50	W	Tower Fan	Tower Fan	AXIS12	0.0023	0.02
Vornado	50.00	W	Tower Fan	Tower Fan	OSCR37-Tower	0.0481	0.50
Vornado	-	-	Oscillating Fan	Oscillating Fan	SPIN10	0.0042	0.04
Vornado	-	-	Oscillating Fan	Oscillating Fan	SPIN12	0.0220	0.23
Vornado	60.00	W	Air Circulator Fan	Air Circulator Fan	V530 Black	0.0497	0.52
Vornado	40.00	W	Air Circulator Fan	Air Circulator Fan	V533 DC White	0.0390	0.41
Vornado	55.00	W	Air Circulator Fan	Air Circulator Fan	V533 P.White	0.0594	0.62
Vornado	60.00	W	Air Circulator Fan	Air Circulator Fan	V630 Black	0.0597	0.62
Vornado	40.00	W	Air Circulator Fan	Air Circulator Fan	V633 DC White	0.0400	0.42
Vornado	54.00	W	Air Circulator Fan	Air Circulator Fan	V660 Black	0.0537	0.56
Vornado	65.00	W	Air Circulator Fan	Air Circulator Fan	V783 Black	0.0539	0.56
3D	-	-	Air Cooler	Air Cooler	AC-1003	0.0985	1.03
3D	-	-	Air Cooler	Air Cooler	AC-1503	0.1055	1.10
3D	-	-	Air Cooler	Air Cooler	AC-2003	0.2327	2.43
3D	-	-	Air Cooler	Air Cooler	AC-2203	0.0948	0.99
3D	-	-	Air Cooler	Air Cooler	AC-703	0.0715	0.75
3D	14.00	inches	Box Fan	Electric Box Fan	BF35EF	0.0680	0.71
3D	36.00	inches	Ceiling Fan	Ceiling Fan	CF36AB	0.0468	0.49
Asahi	100.00	W	Ice Cooling Fan	Ice Cooling Fan	IC 010	0.1028	1.07
3D	36.00	inches	Ceiling Fan	Electric Ceiling Fan	CF36AM III	0.0530	0.55
3D	56.00	inches	Ceiling Fan	Ceiling Fan	CF56AB	0.0703	0.73
3D	57.00	inches	Ceiling Fan	Electric Ceiling Fan	CF56AM III	0.0783	0.82
3D	18.00	inches	Stand Fan	Electric Industrial Stand Fan	CHS-18	0.1168	1.22
3D	16.00	inches	Wall Fan	Wall Fan	CHW-16	0.0591	0.62
3D	16.00	inches	Desk Fan	Electric Desk Fan	DF40CW	0.0654	0.68
3D	8.00	inches	Exhaust Fan	Exhaust Fan	E-20SH3	0.0268	0.28
3D	10.00	inches	Exhaust Fan	Exhaust Fan	E-25SH3	0.0349	0.36
3D	12.00	inches	Exhaust Fan	Exhaust Fan	E-30SH3	0.0420	0.44
3D	16.00	inches	Exhaust Fan	Electric Ventilator Fan	FA-40L	0.0862	0.90
3D	18.00	inches	Orbit Fan	Electric Industrial Cycle Fan	ICF-45AM	0.0567	0.59
3D	18.00	inches	Stand Fan	Electric Industrial Stand Fan	IFTP45	0.1526	1.59
3D	18.00	inches	Stand Fan	Electric Industrial Stand Fan	ISF-45	0.0548	0.57
3D	16.00	inches	Ventilating Fan	Ventilating Fan	IVF-16GR	0.1043	1.09



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Brand	Capacity / Size	Unit of Measure	Product	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost To Operate (Php)
3D	16.00	inches	Ventilating Fan	Ventilating Fan	IVF-16SH	0.1224	1.28
3D	16.00	inches	Stand Fan	Electric Stand Fan	LF40WO	0.0529	0.55
3D	16.00	inches	Orbit Fan	Electric Orbit Fan	RF-40A3	0.0652	0.68
3D	8.00	inches	Exhaust Fan	Electric Ventilator Fan	RV-20G	0.0302	0.32
3D	10.00	inches	Exhaust Fan	Electric Ventilator Fan	RV-25G	0.0336	0.35
3D	16.00	inches	Stand Fan	Electric Stand Fan	SF40BS	0.0720	0.75
3D	16.00	inches	Stand Fan	Electric Stand Fan	SF40F	0.0647	0.68
3D	16.00	inches	Stand Fan	Electric Stand Fan	SF40JS	0.0665	0.69
3D	16.00	inches	Stand Fan	Electric Stand Fan	SF40SW	0.0438	0.46
3D	18.00	inches	Stand Fan	Electric Stand Fan	SF45BS	0.0858	0.90
3D	18.00	inches	Stand Fan	Electric Stand Fan	SF45JS	0.0854	0.89
3D	40.00	W	Tower Fan	Electric Tower Fan	TF10GX	0.0437	0.46
3D	45.00	W	Tower Fan	Electric Tower Fan	TF10SM	0.0450	0.47
3D	45.00	W	Tower Fan	Electric Tower Fan	TF10SS	0.0449	0.47
3D	45.00	W	Tower Fan	Electric Tower Fan	TF10TT	0.0439	0.46
3D	40.00	W	Tower Fan	Electric Tower Fan	TF10US	0.0377	0.39
3D	10.00	inches	Ventilating Fan	Ventilating Fan	VF-10SW	0.0377	0.39
3D	12.00	inches	Ventilating Fan	Ventilating Fan	VF-12SW	0.0528	0.55
3D	6.00	inches	Ventilating Fan	Ventilating Fan	VF-6SW	0.0259	0.27
3D	8.00	inches	Ventilating Fan	Ventilating Fan	VF-8SW	0.0339	0.35
3D	16.00	inches	Wall Fan	Wall Fan	WF-40DL	0.0591	0.62
3D	16.00	inches	Stand Fan	Electric Wall Fan	WF40S	0.0650	0.68
Firefly	-	-	Rechargeable Fan	12" ACDC Fan with night light	FEL6112	0.0492	0.51
Firefly	-	-	Rechargeable Fan	8" Oscillating 2-speed Fan with 18LED Desk Lamp, Torch Light & USB Mobile Phone Charger	FEL625	0.0698	0.73
Firefly	-	-	Rechargeable Fan	16inch fan with digital LED display	FEL633	0.0840	0.88
Firefly	-	-	Rechargeable Fan	10inch mist fan with digital LED display	FEL645	0.0864	0.90
Firefly	-	-	Rechargeable Fan	12" 3-Speed Fan with Night Light	FEL653	0.0091	0.10
Firefly	-	-	Rechargeable Fan	7" Rechargeable Table Fan with Night Light	FEL654	0.0569	0.59
Firefly	25.00	W	Air Circulator Fan	Air Circulator Fan	FHF201	0.0143	0.15
Firefly	65.00	W	Stand Fan	Circulator Stand Fan 3D Stereoscopic Oscillation	FHF202	0.0608	0.64
Firefly	60.00	W	Tower Fan	Intelligent with Multi-Angle Oscillation	FHF302	0.0517	0.54
Firefly	65.00	W	Tower Fan	Intelligent with Multi-Angle Oscillation	FHF401	0.0678	0.71
Hanabishi	-	-	Air Cooler	Air Cooler	HAC-600M	0.0890	0.93
Hanabishi	18.00	inches	Stand Fan	Electric Stand Fan	WINDMILL 18SF	0.0620	0.65
Sharp	16.00	inches	Stand Fan	Electric Stand Fan	PJ-S160M	0.0584	0.61
Sharp	16.00	inches	Wall Fan	Wall Fan	PJ-W160M	0.0584	0.61
Firefly	35.00	sq.m	Air Cooler	Home personal	FHF101	0.053	0.55
Firefly	75.00	sq.m	Air Cooler	Portable Air Cooler	FHF103	0.1894	1.98
Firefly	255.00	sq.m	Air Cooler	Turbo Air Cooler	FHF104	0.274	2.86
Firefly	22.00	sq.m	Air Cooler	Home Tower	FHF102	0.0296	0.31