



# FEATURES

#### SMART DESIGN

Adapted the new flat design, it creates a feeling of floating on the wall upon installation. Even for the louver series, the louver design is slim. The minimalistic design allows the ventilating fan assimilate into the space easily.

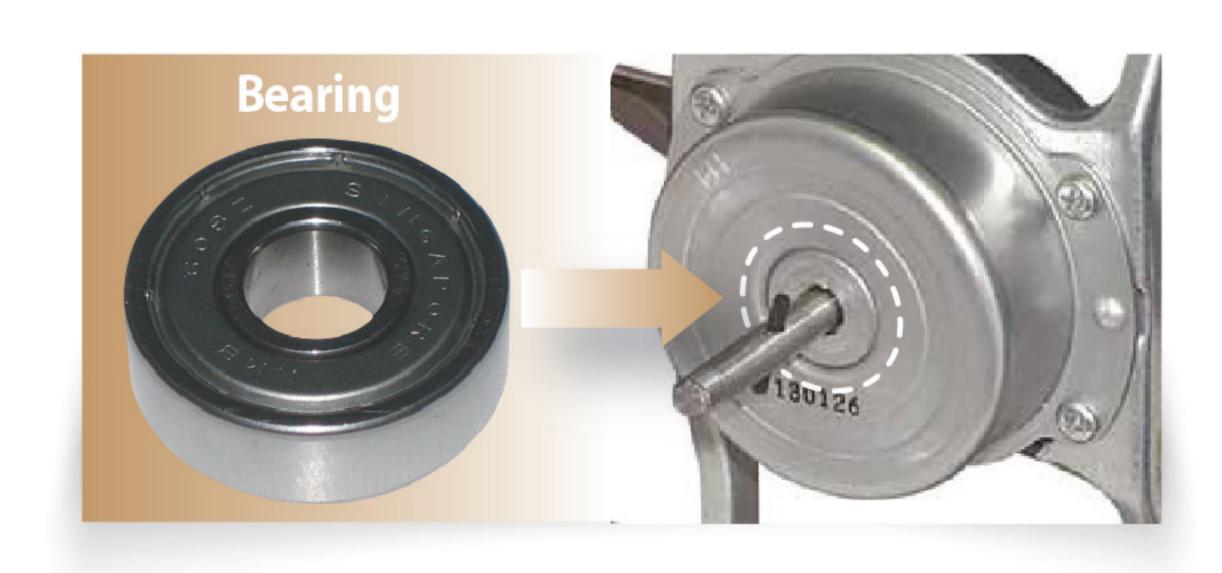




Only applicable for model: 20AUA/25AUA/30AUA 20ALA/25ALA/30ALA 20RGA/25RGA/30RGA 20RLA/25RLA/30RLA

### HALF PITCH MOTOR & BEARING

All models adopt half pitch capacitor induction motor and long life bearing that prolongs the product durability, with average 30,000 hours life. They also enable energy saving by reducing power consumption down to average 13%.



### THERMAL FUSE EQUIPPED

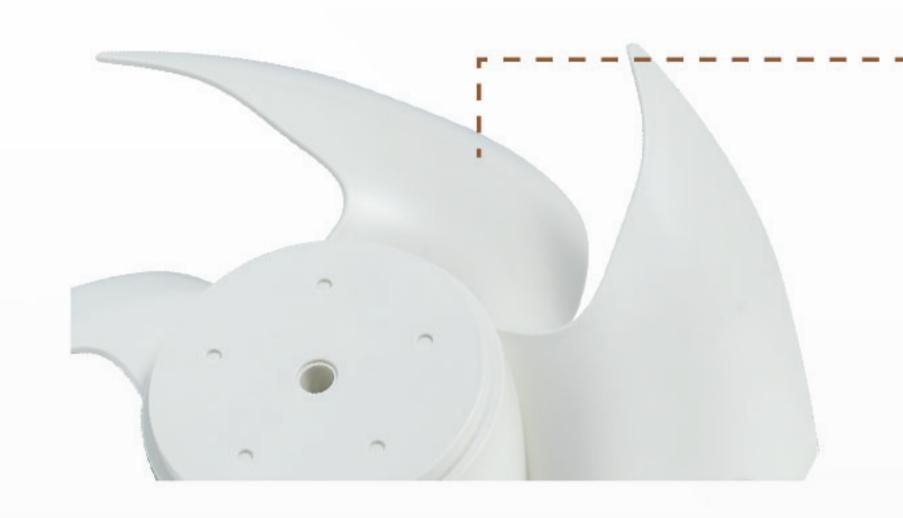
All motors are equipped with thermal fuses which stop the operation of the fans when they are overheated. It can prevent further temperature rise and reduce the risk of potential fire hazard of the motors.

#### SILENT STREAM FAN

New Blade design applies advanced aerodynamic principle that optimizes the design of blade shape.



Only applicable for model: 20AUA/25AUA/30AUA 20ALA/25ALA/30ALA 20RGA/25RGA/30RGA 20RLA/25RLA/30RLA



#### 3D Sickle Blade

New Blade design adopts an increased blade size and airfoil curve optimization. It can increase the air volume by adjusting the blade shape to match the airflow. Also, it can lower the noise by even airflow velocity from the silent wing.

#### REVERSIBLE FUNCTION

With a pulling string, the fan blade spinning direction can be reversed, which brings greater flexibility that the ventilating fan not only exhausts air, but also intakes air. (only applicable for Reversible Louver series and Reversible series)



Both air exhaust and intake are feasible

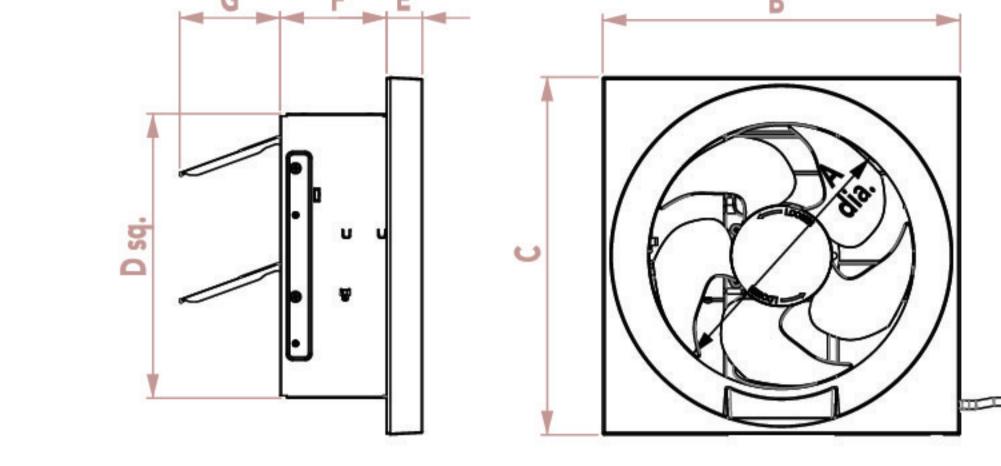
# **Automatic Shutter Series**

# 20AUA / 25AUA / 30AUA

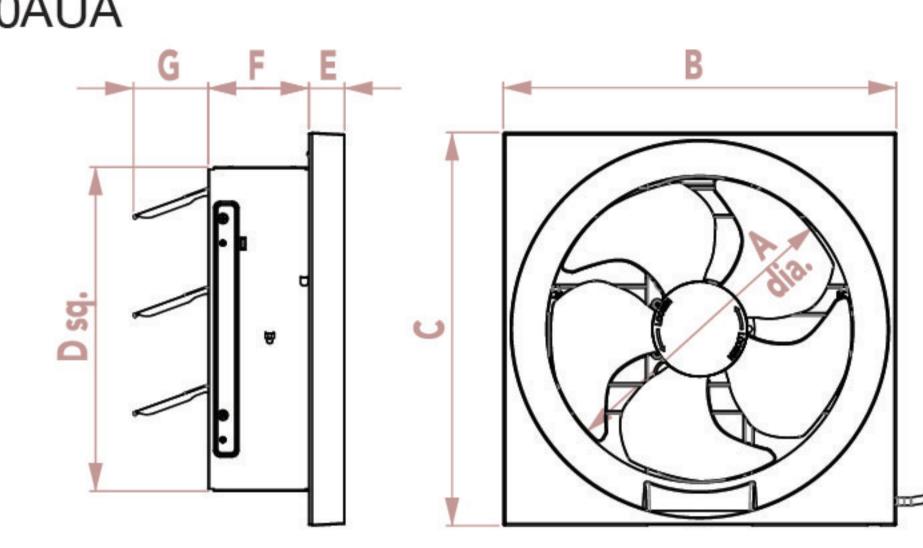
#### Dimension

#### Unit: mm





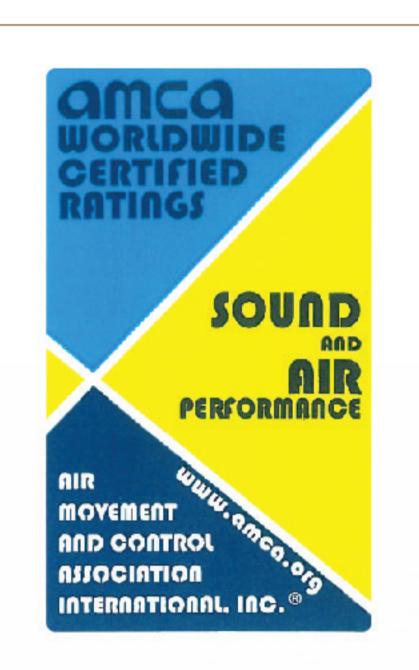




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- Flat surface design
- Silent stream fan
- HP condenser motor with thermal cut-off
- Well-lubricated bearing for long life operation
- Automatic shutter
- Single speed
- Motor insulation Class B

D Sq.	₩						
Model	Α	В	С	D	Е	F	
20AUA	223	302	302	240	30	90	



25AUA

30AUA

Panasonic Electric Works Vietnam Co., Ltd. certifies that the Wall Mount Series models AUA shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

## Specifications

Model	Model Voltage	Frequency	CFM/SONE	AT STATIC	Speed	Watts*	Watts**			
[V]	[Hz]	inches of H <sub>2</sub> O	0	0.02	0.04	0.06	[RPM]	FOR AMCA	FOR IEC	
20 41 14	220	60	CFM Sones	370 2.1	328 2.1	274 2.2	227 2.5	1,430	23.5	22
20AUA	240	50	CFM Sones	339 2.0	295 2.1	257 2.0	200 4.5	1,303	23	21.5
05 1114	220	60	CFM Sones	542 2.4	504 2.3	460 1.9	361 2.5	1,387	33.2	31
25AUA	240	50	CFM Sones	542 3.6	493 3.2	443 3.0	394 3.1	1,252	31	29
20 1111	220	60	CFM Sones	655 2.0	567 1.6	456 1.9	242 2.4	938	35.3	33
30AUA	240 50	CFM Sones	696 2.0	580 1.8	491 1.6	340 2.2	964	34.8	32.5	

Performance certified is for installation type A: Free inlet, Free outlet with partition. Performance ratings include the effects of a backdraft shutter for Model AUA. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H<sub>2</sub>O. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation type A: Free inlet hemispherical sone levels. \*the Watts rating is only for AMCA test method and it is at the statistic pressure of 0 inch of H<sub>2</sub>O.

<sup>\*\*</sup>the Watts rating is only for IEC test method and the AMCA Certified Ratings Seal does not apply to IEC test method watts.

# **Automatic Shutter Louver Series**

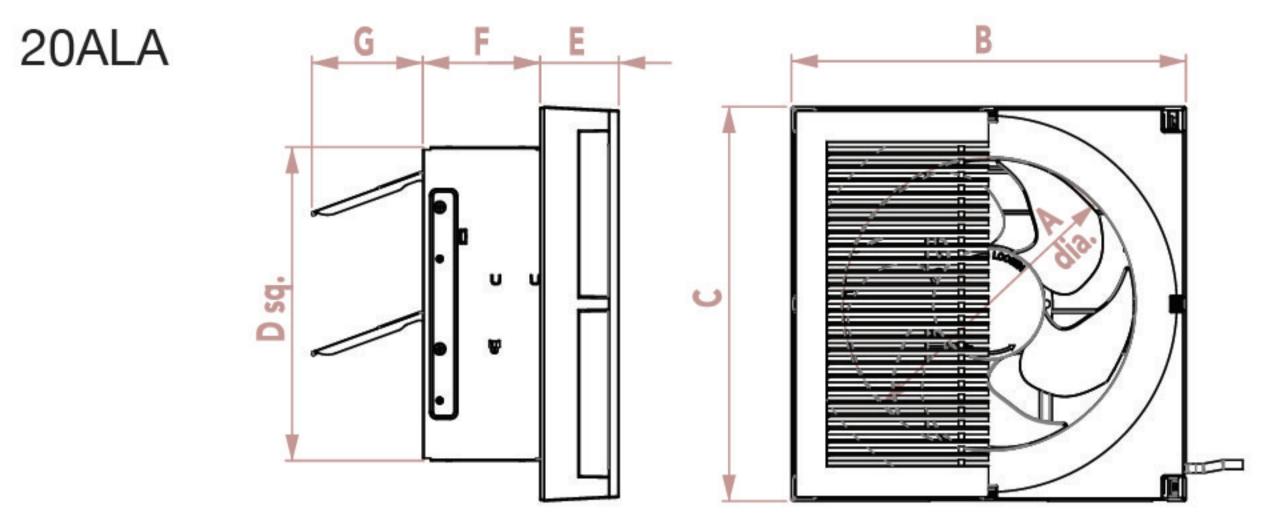
# 20ALA/25ALA/30ALA

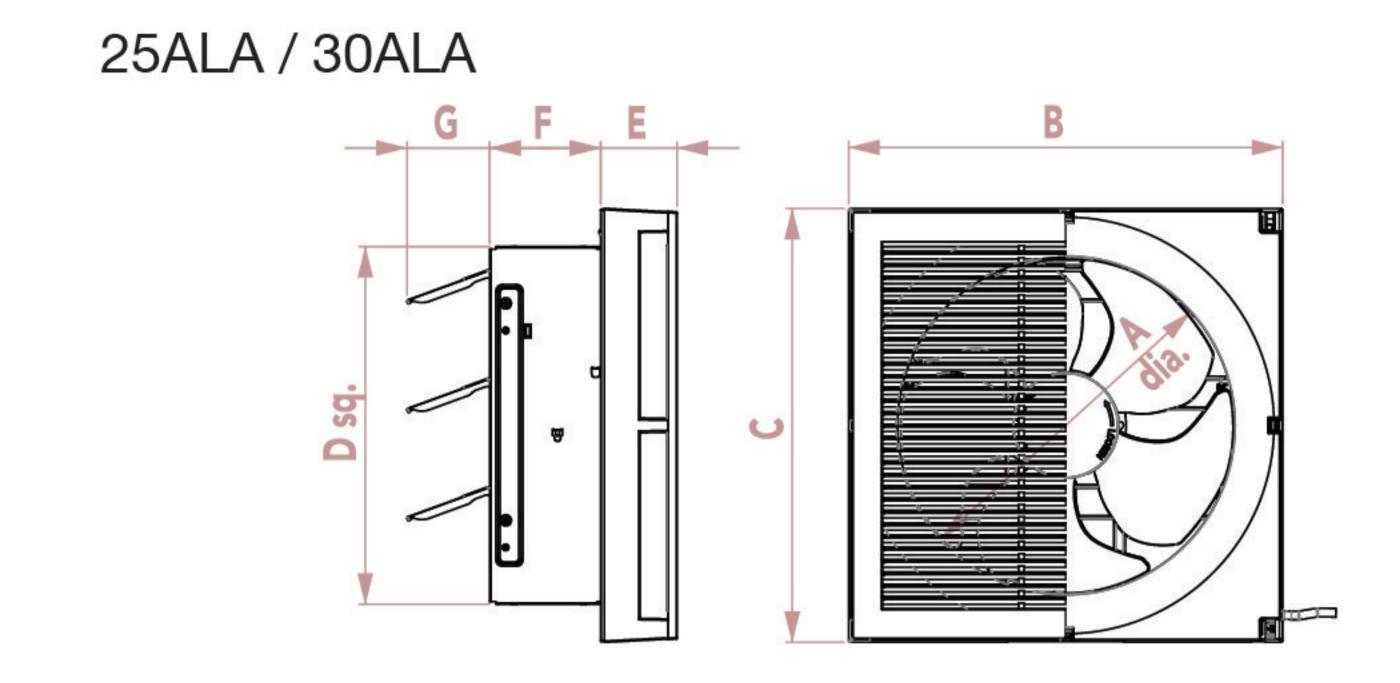


- Louver for protection
- Slim louver design
- Silent stream fan
- HP condenser motor with thermal cut-off
- Well-lubricated bearing for long life operation
- Automatic shutter
- Single speed
- Motor insulation Class B

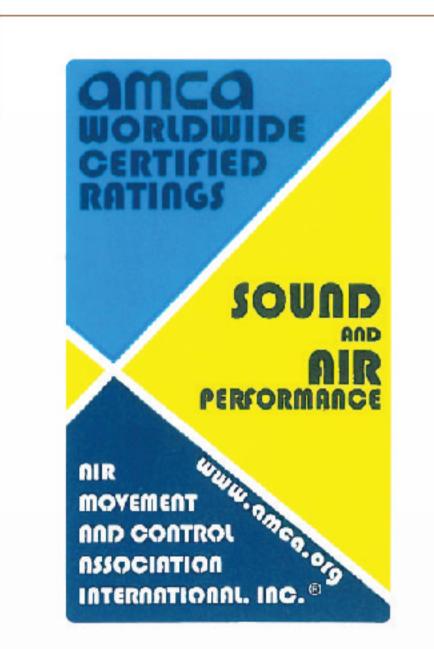
#### Dimension







Model	Α	В	С	D	Е	F	G
20ALA	223	302	302	240	60	90	85
25ALA	273	352	352	290	62	90	67
30ALA	317	402	402	340	62	90	83



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# Specifications

Model	Wodel Voltage Frequer		CFM/SONE	AT STATIC	Pressure (	Speed	Watts*	Watts**		
	[V]	[Hz]	inches of H <sub>2</sub> O	0	0.02	0.04	0.06	[RPM]	FOR AMCA	FOR IEC
	220	60	CFM	334	296	256	197	1,398	23.5	22
2011	220	60	Sones	2.8	2.7	3.1	3.9	.,000	20.0	
20ALA	240	50	CFM	301	274	234	175	1,278	23	21.5
	240		Sones	2.5	2.5	2.7	2.8			
	000	00	CFM	471	411	350	250	1,224	33.2	31
2511	220	60	Sones	3.4	3.2	2.9	3.0			
25ALA	240	50	CFM	482	438	389	328	1,217	20.1	30
	240	50	Sones	4.2	4.1	3.8	3.8	1,217	32.1	
	220	000	CFM	510	446	372	219	867	25.2	22
30ALA 220	60	Sones	2.5	2.0	3.0	2.1	007	35.3	33	
JUALA	240	50	CFM	571	494	411	263	206	05.0	00 =
	240	240 50	Sones	3.1	2.6	2.5	3.3	896	35.3	32.5

Performance certified is for installation type A: Free inlet, Free outlet with partition. Performance ratings include the effects of inlet grille and backdraft shutter for Model ALA. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H<sub>2</sub>O. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation type A: Free inlet hemispherical sone

\*the Watts rating is only for AMCA test method and it is at the statistic pressure of 0 inch of H<sub>2</sub>O.

# Specifications

Series	Model	Voltage	Frequency	CFM/SONE	AT STATIC	Pressure	(ps-inches	of H <sub>2</sub> O)	Speed	Watts*	Watts**
Jones Infoat	Wiodei	[V]	[Hz]	inches of H <sub>2</sub> O	0	0.02	0.04	0.06	[RPM]	FOR AMCA	FOR IEC
20.4	20AUA	220	60	CFM Sones	370 2.1	328 2.1	274 2.2	227 2.5	1,430	23.5	22
	20707	240	50	CFM Sones	339 2.0	295 2.1	257 2.0	200 4.5	1,303	23	21.5
Automatic	25AUA	220	60	CFM Sones	542 2.4	504 2.3	460 1.9	361 2.5	1,387	33.2	31
Shutter 25AUA 30AUA	240	50	CFM Sones	542 3.6	493 3.2	443 3.0	394 3.1	1,252	31	29	
	304114	200	60	CFM Sones	655 2.0	567 1.6	456 1.9	242 2.4	938	35.3	33
	30707	240	50	CFM Sones	696 2.0	580 1.8	491 1.6	340 2.2	964	34.8	32.5
	20ALA	220	60	CFM Sones	334 2.8	296 2.7	256 3.1	197 3.9	1,398	23.5	22
	ZUALA	240	50	CFM Sones	301 2.5	274 2.5	234 2.7	175 2.8	1,278	23	21.5
Automatic Shutter	25ALA	220	60	CFM Sones	471 3.4	411 3.2	350 2.9	250 3.0	1,224	33.2	31
Louver	ZUALA	240	50	CFM Sones	482 4.2	438 4.1	389 3.8	328 3.8	1,217	32.1	30
	30ALA	220	60	CFM Sones	510 2.5	446 2.0	372 3.0	219 2.1	867	35.3	33
	JUALA	240	50	CFM Sones	571 3.1	494 2.6	411 2.5	263 3.3	896	35.3	32.5

Performance certified is for installation type A: Free inlet, Free outlet with partition. Performance ratings include the effects of backdraft shutter for Model AUA. Performance ratings include the effects of inlet grille and backdraft shutter for Model ALA. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H<sub>2</sub>O. The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA International Standard 301. Values shown are for installation type A: Free inlet hemispherical sone levels.

<sup>\*\*</sup>the Watts rating only for IEC test method and the AMCA Certified Ratings Seal does not apply to IEC test method watts.

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