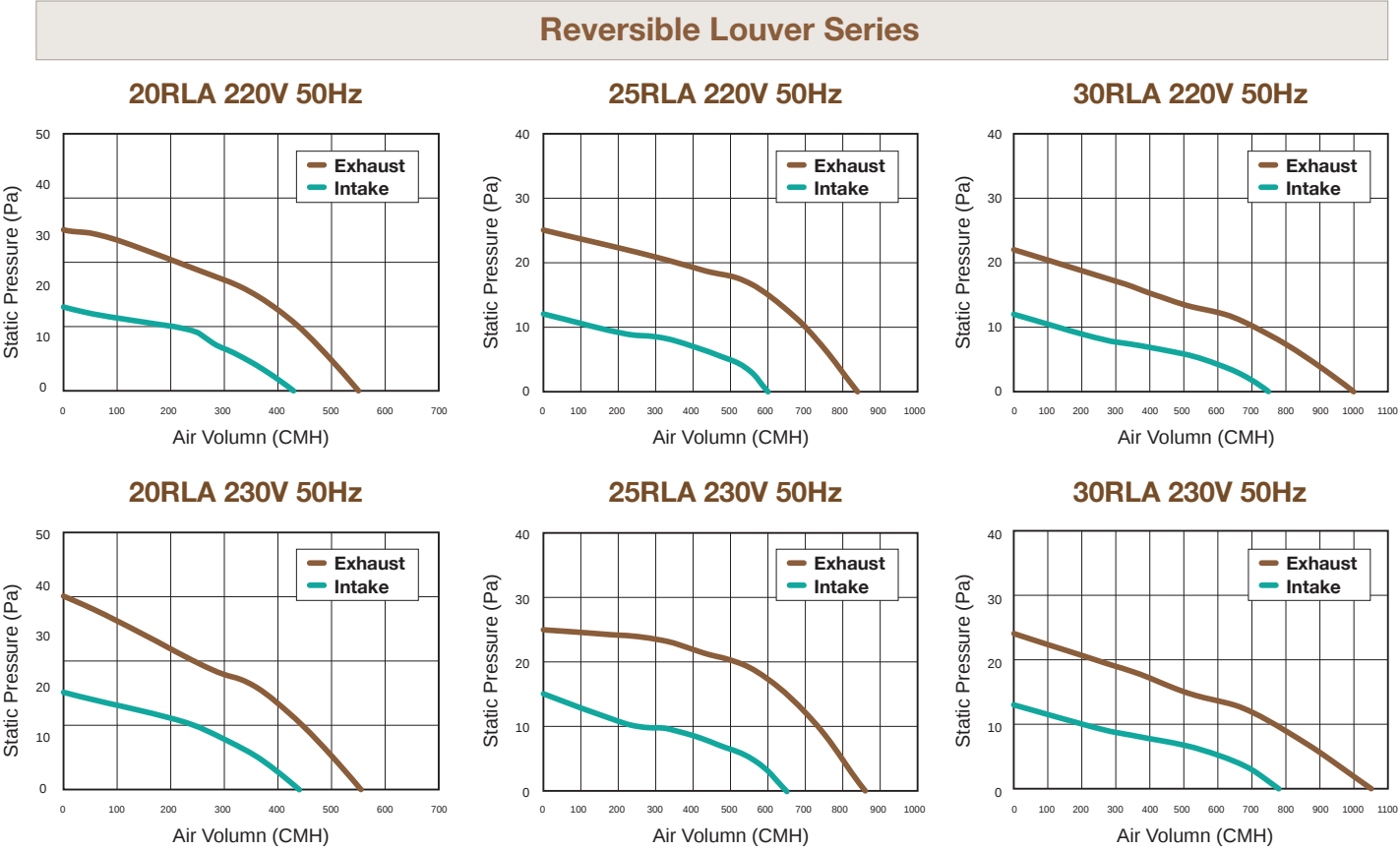
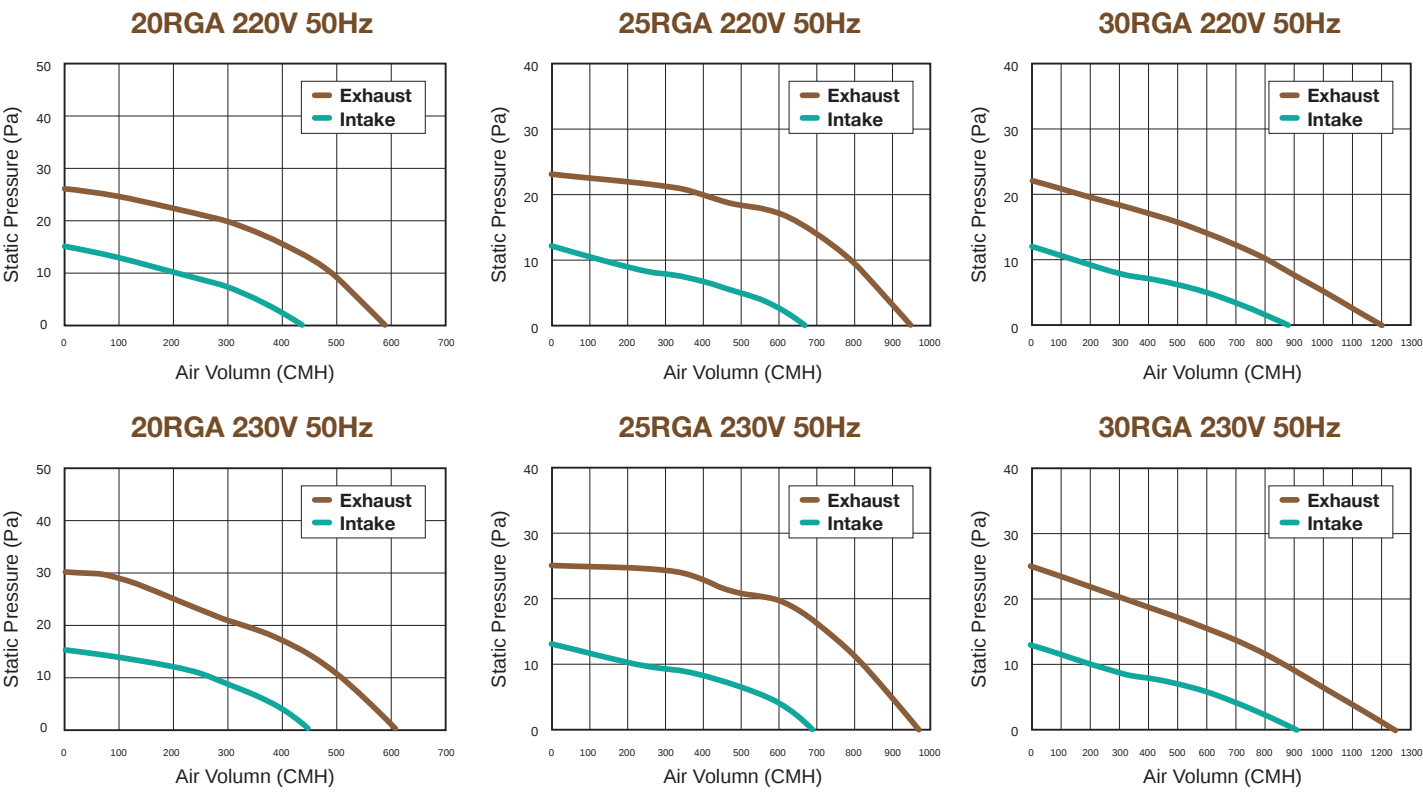


Performance

Reversible Series



KDK Company, Division of PES
4017, Takaki-cho, Kasugai, Aichi, Japan
<http://kdk.jp>

• Actual colors may vary slightly from those shown.
• Specifications are subject to change without prior notice.

CATALOG NO: K-AMCA008A1
February 2023



WALL-MOUNT TYPE
VENTILATING FAN

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.

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.



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

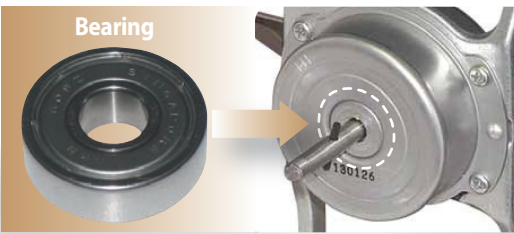
With a pulling string, the fan blade spinning direction can be reversed, which brings greater flexibility that the ventilating fan not only exhausts air, but also intakes air. (only applicable for Reversible Louver series and Reversible series)



Both air exhaust and intake are feasible



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



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

Metallic Series

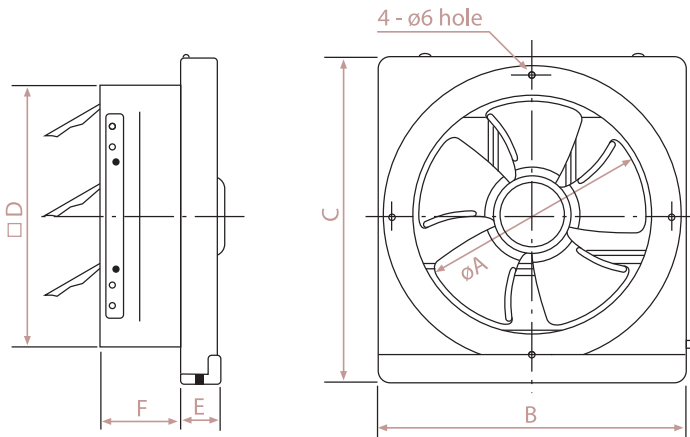
20ASB/20ASB 05/
25ASB/25ASB 05/
30ASB/30ASB 05



- Condenser motor with thermal cutoff
- Well lubricated bearing for long life operation
- High performance propeller fan adopted
- Automatic shutter
- Powder painted metallic orifice, blade and oil cup
- Detachable oil cup

Dimension

Unit: mm



Model	A	B	C	D	E	F
20ASB/20ASB 05	200	300	312	240	50	90
25ASB/25ASB 05	250	350	362	290	45	90
30ASB/30ASB 05	300	400	412	340	45	90



Panasonic Ecology Systems Guangdong Co., Ltd. certifies that the wall mount series models 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	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)				RPM	Watts*	
			inches of H ₂ O	0	0.025	0.05		FOR AMCA	FOR IEC
20ASB	220	60	CFM Sones	330 1.7	259 1.9	183 3.9	1,358	25.5	21.5
	240	50	CFM Sones	296 1.5	198 1.7	151 3.2	1,252	22.4	19.5
20ASB 05	240	50	CFM Sones	296 1.5	198 1.7	151 3.2	1,252	22.4	19.5
25ASB	220	60	CFM Sones	522 1.9	414 1.6	240 2.2	1,277	35.5	30.5
	240	50	CFM Sones	486 2.0	434 2.0	314 2.4	1,194	35.1	29.5
25ASB 05	240	50	CFM Sones	486 2.0	434 2.0	314 2.4	1,194	35.1	29.5
30ASB	220	60	CFM Sones	637 2.0	400 2.7	85 2.2	1,088	39.8	34.5
	240	50	CFM Sones	706 2.9	620 2.3	498 2.2	1,175	38.1	34
30ASB 05	240	50	CFM Sones	706 2.9	620 2.3	498 2.2	1,175	38.1	34

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of a backdraft damper. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H₂O. 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 static pressure of 0 inch of H₂O.
**the Watts rating is only for IEC test method and the AMCA Certified Ratings Seal does not apply to IEC test method watts.

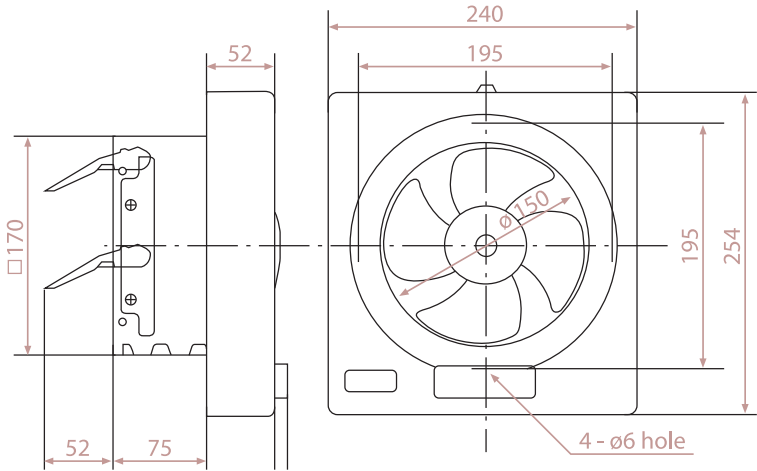
Automatic Shutter Series

15AAQ1



Dimension

Unit: mm



- Condenser motor with thermal cutoff
- Lubricated sintered bush for long life operation
- High performance propeller fan adopted
- Automatic shutter with plastic cushions
- Orifice equipped with oil cup



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Specifications

Model	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)				RPM	Watts*	
			inches of H ₂ O	0	0.025	0.05		FOR AMCA	FOR IEC
15AAQ1	220	60	CFM Sones	157 2.5	122 1.9	65 2.3	1,533	20.6	19
	240	50	CFM Sones	154 1.7	120 1.4	63 2.1	1,453	20.1	19

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of a backdraft shutter. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H₂O. 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 only for AMCA test method and it is at the static pressure of 0 inch of H₂O.
**the Watts rating only for ICE test method and the AMCA Certified Ratings Seal does not apply to IEC test method watts.

Automatic Shutter Series

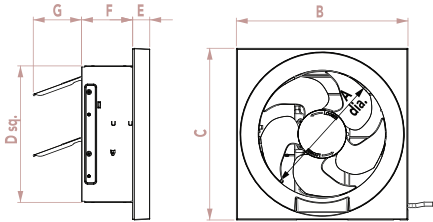
20AUA / 25AUA / 30AUA

Dimension

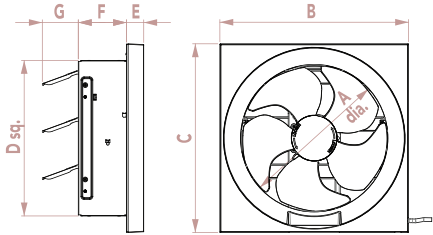
Unit: mm



20AUA



25AUA / 30AUA



- 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



Model	A	B	C	D	E	F	G
20AUA	223	302	302	240	30	90	85
25AUA	273	352	352	290	32	90	67
30AUA	317	402	402	340	32	90	83



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	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)					Speed [RPM]	Watts*	
			inches of H ₂ O	0	0.02	0.04	0.06		FOR AMCA	FOR IEC
20AUA	220	60	CFM Sones	370 2.1	328 2.1	274 2.2	227 2.5	1,430	23.5	22
	240	50	CFM Sones	339 2.0	295 2.1	257 2.0	200 4.5	1,303	23	21.5
25AUA	220	60	CFM Sones	542 2.4	504 2.3	460 1.9	361 2.5	1,387	33.2	31
	240	50	CFM Sones	542 3.6	493 3.2	443 3.0	394 3.1	1,252	31	29
30AUA	220	60	CFM Sones	655 2.0	567 1.6	456 1.9	242 2.4	938	35.3	33
	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 H₂O. 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 static pressure of 0 inch of H₂O.
**the Watts rating is only for IEC test method.

Automatic Shutter Series

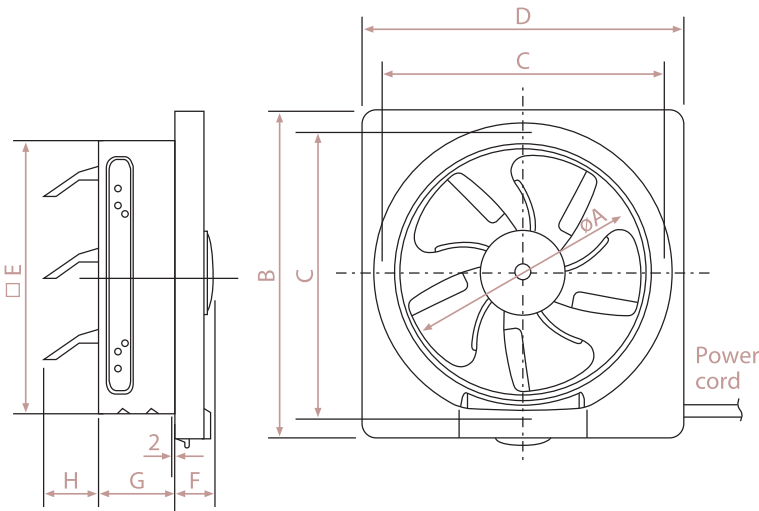
20AUH/25AUH/
30AUH 11



- HP condenser motor with thermal cutoff
- Well lubricated bearing for long life operation
- Propeller fan incorporated with advanced blade design (except 30AUH 11)
- Automatic shutter
- Single speed

Dimension

Unit: mm



Model	A	B	C	D	E	F	G	H
20AUH	200	306	260	302	240	52	90	80
25AUH	250	356	310	352	290	38	90	63
30AUH 11	300	406	360	402	340	38	90	78



Panasonic Ecology Systems Guangdong Co., Ltd. certifies that the wall mount series models 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	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)				RPM	Watts*	
			inches of H ₂ O	0	0.025	0.05		FOR AMCA	FOR IEC
20AUH	220	60	CFM Sones	355 2.5	314 2.5	196 1.7	1,410	32.4	28.5
25AUH	220	60	CFM Sones	514 1.8	426 1.5	290 1.8	1,200	37.8	33
30AUH 11	220	60	CFM Sones	572 1.0	453 1.7	235 2.6	856	37.0	33

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of a backdraft damper. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H₂O. 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 static pressure of 0 inch of H₂O.
**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 Series

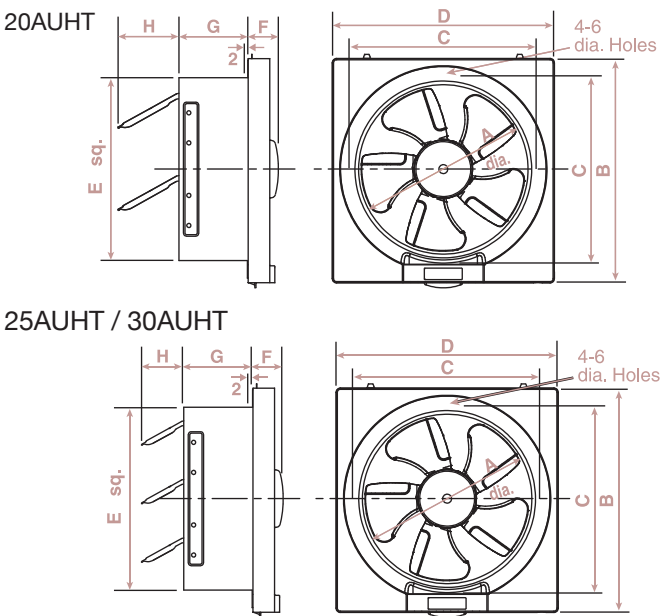
20AUHT/25AUHT/
30AUHT



- HP condenser motor with thermal cutoff
- Well lubricated bearing for long life operation
- Propeller fan incorporated with advanced blade design (except 30AUHT)
- Automatic shutter
- Single speed

Dimension

Unit: mm



Model	A	B	C	D	E	F	G	H
20AUHT	200	306	260	302	240	52	90	80
25AUHT	250	356	310	352	290	38	90	63
30AUHT	300	406	360	402	340	38	90	78



Panasonic Ecology Systems (Thailand) Co., Ltd. certifies that the wall mount series models 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	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)					RPM	Watts*	
			inches of H ₂ O	0	0.02	0.04	0.06		FOR AMCA	FOR IEC
20AUHT	220	60	CFM Sones	356 2.3	315 2.4	271 1.8	227 2.8	1,343	24.5	22
	240	50	CFM Sones	338 2.1	294 2.4	253 2	171 3.5	1,234	23.5	21.5
25AUHT	220	60	CFM Sones	515 2.5	421 2.3	330 1.9	227 3	1,113	34.3	31
	240	50	CFM Sones	527 5.8	465 5.6	400 5.2	347 4.8	1,143	35.2	32
30AUHT	220	60	CFM Sones	586 2.2	486 2.2	335 4.1	174 2.4	874	40.4	38
	240	50	CFM Sones	624 3.7	565 3.6	491 3.6	312 4.1	935	41.5	39

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of a backdraft damper. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H₂O. 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 static pressure of 0 inch of H₂O.
** 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

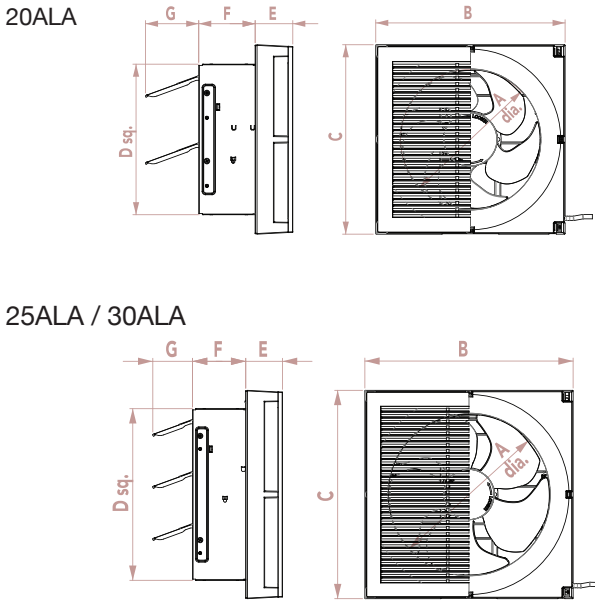


- Louver for protection
- Slim louver design
- Silent stream fan
- HP condenser motor with thermal cut-off
- Well-lubricated bearing for long life operation
- Automatic shutter
- Single speed
- Motor insulation Class B



Dimension

Unit: mm



Model	A	B	C	D	E	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



Panasonic Electric Works Vietnam Co., Ltd. certifies that the Wall Mount Series models ALA 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	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)				Speed [RPM]	Watts*	
			inches of H ₂ O	0	0.02	0.04		FOR AMCA	FOR IEC
20ALA	220	60	CFM Sones	334 2.8	296 2.7	256 3.1	1,398 3.9	23.5	22
	240	50	CFM Sones	301 2.5	274 2.5	234 2.7	1,278 2.8	23	21.5
25ALA	220	60	CFM Sones	471 3.4	411 3.2	350 2.9	250 3.0	33.2	31
	240	50	CFM Sones	482 4.2	438 4.1	389 3.8	328 3.8	32.1	30
30ALA	220	60	CFM Sones	510 2.5	446 2.0	372 3.0	219 2.1	35.3	33
	240	50	CFM Sones	571 3.1	494 2.6	411 2.5	263 3.3	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 H₂O. 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 H₂O.
**the Watts rating is only for IEC test method.

Automatic Shutter Louver Series

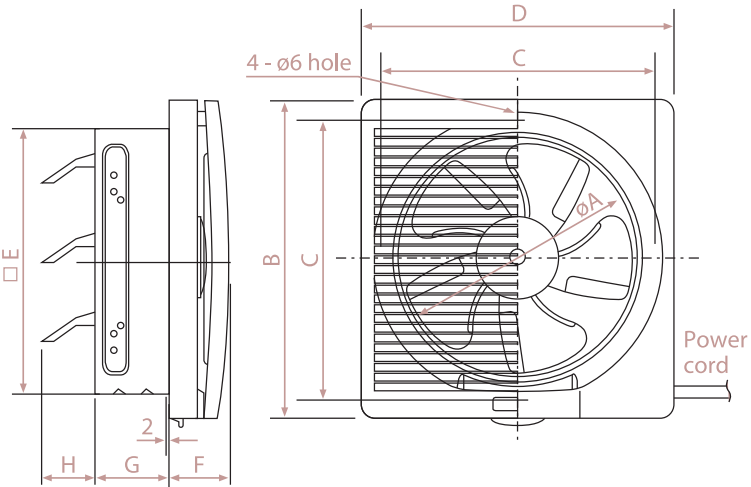
20ALH/25ALH/30ALF 11



- HP condenser motor with thermal cutoff
- Well lubricated bearing for long life operation
- Propeller fan incorporated with advanced blade design (except 30ALF 11)
- Automatic shutter
- Single speed

Dimension

Unit: mm



Model	A	B	C	D	E	F	G	H
20ALH	200	306	260	302	240	68	90	80
25ALH	250	356	310	352	290	63	90	63
30ALF 11	300	406	360	402	340	63	90	78



Panasonic Ecology Systems Guangdong Co., Ltd. certifies that the wall mount series models 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	Voltage [V]	Frequency [Hz]	CFM/SONE AT STATIC Pressure (ps-inches of H ₂ O)				RPM	Watts*	
			inches of H ₂ O	0	0.025	0.05		FOR AMCA	FOR IEC
20ALH	220	60	CFM Sones	328 3.5	280 3.2	170 3.4	1,385	32.8	28.5
25ALH	220	60	CFM Sones	420 2.7	372 2.7	232 4.6	1,097	37.5	33
30ALF 11	220	60	CFM Sones	447 2.0	288 2.7	154 2.2	746	37.1	33

Performance certified is for installation type A: Free inlet, Free outlet. Performance ratings include the effects of an inlet grill and backdraft damper. The speed (RPM) and Watts rating shown are at the static pressure of 0 inch of H₂O. 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 static pressure of 0 inch of H₂O.
**the Watts rating is only for IEC test method and the AMCA Certified Ratings Seal does not apply to IEC test method watts.