

WI-DOMESTIC EXHAUST



WOLF INTERNATIONAL



Multi Mount Exhaust Fan – HCE Series

HCE Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HCE Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Various installation methods – window/wall/ceiling mounting.
- Installed with silent ball bearing and high quality ABS material
- Simple and easy maintenance design
- Excellence performance motor with professional ball bearing, enclosed casing and built-in thermal protection, efficient starting, durable, safe and table operation.
- Vibration proof cushion between motor and fan body to ensure stable and low noise operatoin
- Motor heat release device – Radiator is included.
- – Protection 5 design : insects proof, sand proof, dust proof, water apray proof, protecting indoor privacy – satisfy all seasons ventilating needs.

SPECIFICATION

Model No.	Dimension (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m³/h)
HCE150	230 x 220 x 230	220V~50Hz	21	44	1425	240
HCE225	300 x 196 x 300	220V~50Hz	33	54	1220	630



Wall / Ceiling Mount Exhaust Fan – Diamond Series (F4 Louver)

HAE302 and 301 – Diamond Series exhaust fans are specially designed for maintaining best indoor ventilation and air circulation of domestic and commercial premises, e.g. bathroom, and lavatory, living room, meeting room, bedroom, etc.

DESCRIPTION

HAE302 and 301 – Diamond Series exhaust fans are specially designed for maintaining best indoor ventilation and air circulation of domestic and commercial premises, e.g. bathroom, and lavatory, living room, meeting room, bedroom, etc.

1. Motor

- ▣ Durable and reliable motor with high performance
- ▣ Ball bearing motor for vertical / horizontal application
- ▣ Quite and smooth operation

2. Mixed flow impeller

- ▣ Boost high air pressure with stronger air extract

3. Fully opening and closing shutters to improve insulation

4. IP24 rated for F4 grille; IP44 rated for F5 grille

5. Suitable for wall and ceiling mounted.

6. Back draught shutter available for 100mm/4" and 150mm/6" fan, optional electrical shutter available for 150mm/6" fan

7. Optional delay timer, humidity sensor, etc.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /h)	Air Pressure (Pa)
HAE302-10-F4	158.2 x 100.8 x 15.2	100	220V~50Hz	12.5	40 ± 3	2400	100	60



Wall / Ceiling Mount Exhaust Fan – Diamond Series (F5 Louver)

HAE302 and 301 – Diamond Series exhaust fans are specially designed for maintaining best indoor ventilation and air circulation of domestic and commercial premises, e.g. bathroom, and lavatory, living room, meeting room, bedroom, etc.

DESCRIPTION

HAE302 and 301 – Diamond Series exhaust fans are specially designed for maintaining best indoor ventilation and air circulation of domestic and commercial premises, e.g. bathroom, and lavatory, living room, meeting room, bedroom, etc.

1. Motor

- ☐ Durable and reliable motor with high performance
- ☐ Ball bearing motor for vertical / horizontal application
- ☐ Quite and smooth operation

2. Mixed flow impeller

- ☐ Boost high air pressure with stronger air extract

3. Fully opening and closing shutters to improve insulation

4. IP24 rated for F4 grille; IP44 rated for F5 grille

5. Suitable for wall and ceiling mounted.

6. Back draught shutter available for 100mm/4" and 150mm/6" fan, optional electrical shutter available for 150mm/6" fan

7. Optional delay timer, humidity sensor, etc.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /h)	Air Pressure (Pa)
HAE302-10-F5	158.2 x 115.2 x 158.2	100	220V~50Hz	12.5	40 ± 3	2400	96	18
HAE301-15-F5	211.8 x 148 x 211.8	150	220V~50Hz	24	40 ± 3	2300	204	39



Wall / Window Mount Exhaust Fan – HAE09 Series

HAE09 series Electrical Shutter Series Exhaust Fan is specially designed for maintaining best indoor ventilation and air circulation of domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.

DESCRIPTION

HAE09 series Electrical Shutter Series Exhaust Fan is specially designed for maintaining best indoor ventilation and air circulation of domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.

1. Motor – durable and reliable motor with high performance.
2. High Quality ball bearing – durable and smooth operation
3. Convenient installation clips – enable easy and safe indoor installation.
4. Design Front Louver – safety feature with elegant and aesthetically pleasing design
5. Spherical outdoor cover – prevent intrusion of strong wind and heavy rain, protect indoor privacy
6. Electrical Shutter Mechanism
 - stable opening of shutter plates by electrical control ensures best air exhaust volume
 - light landing of shutter plates by electrical control prevents noise from sudden shutting of shutter plates by overhead wind, blocks outdoor dust and insects, and maintain indoor temperature

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /h)
HAE09-15B2	224 x 168 x 224	150	Ø187±1	220V-50Hz	18	45	1420	175
HAE09-20B2	290 x 177 x 290	200	Ø249±1	220V-50Hz	28	48	1300	430



Wall Mount Exhaust Fan – HAE11 Series

HAE11 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE11 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Capacitor Run Induction Motor with high performance is adopted.
- Safety Blade Holding Cap for tightening blade position. Detachable for convenience of blade cleaning.
- Detachable Oil Retainer is available
- Optional Pullcord shutter is available
- Full plastic HAE18-series is available

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE11-15B2	239 x 125 x 239	150	200 x 200	220V~50Hz	24	40	1350	4.3
HAE11-20B2	296 x 125 x 296	200	250 x 250	220V~50Hz	28	40	1250	8.1
HAE11-25B2	342 x 128 x 342	250	300 x 300	220V~50Hz	30	42	1200	12
HAE11-30B2	400 x 140 x 400	300	350 x 350	220V~50Hz	40	44	1050	18



Wall Mount Exhaust Fan – HAE12 Series

HAE12 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE11 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Capacitor Run Induction Motor with high performance is adopted.
- Safety Blade Holding Cap for tightening blade position. Detachable for convenience of blade cleaning.
- Detachable Oil Retainer is available
- Elegant and aesthetically design Front Louver is available. Detachable for easy cleaning. Safety protection from accidental touching of fan blades by fingers and outside objects.
- Optional Pullcord shutter is available

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE12-15B2	239 x 125 x 239	150	200 x 200	220V-50Hz	24	39	1350	4.3
HAE12-20B2	296 x 125 x 296	200	250 x 250	220V-50Hz	28	40	1250	8.1
HAE12-25B2	342 x 128 x 342	250	300 x 300	220V-50Hz	38	42	1200	12
HAE12-30B2	400 x 140 x 400	300	350 x 350	220V-50Hz	46	44	1050	18



Wall Mount Exhaust Fan - HAE18 Series

HAE18 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE11 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Full plastic design
- Durable and reliable Capacitor Run Induction Motor with high performance is adopted.
- Safety Blade Holding Cap for tightening blade position. Detachable for convenience of blade cleaning.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE18-15B2	230 x 130 x 230	150	200 x 200	220V~50Hz	24	39	1450	4.3
HAE18-20B2	290 x 129 x 290	200	250 x 250	220V~50Hz	28	40	1250	8
HAE18-25B2	333 x 140 x 333	250	300 x 300	220V~50Hz	38	42	1200	12
HAE18-30B2	385 x 134 x 385	300	350 x 350	220V~50Hz	46	44	1050	18



Wall Mount Exhaust Fan – REA11 Series

REA11 Series is designed for direct air exhaust and direct air intake to / from outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

REA11 Series is designed for direct air exhaust and direct air intake to / from outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Capacitor Run Induction Motor with high performance is adopted.
- Safety Blade Holding Cap for tightening blade position. Detachable for convenience of blade cleaning.
- Detachable Oil Retainer is available.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
REA11-20B2	296 x 125 x 296	200	250 x 250	220V~50Hz	28	40 / 40	1250 / 1300	8.1 / 6.0
REA11-25B2	342 x 128 x 342	250	300 x 300	220V~50Hz	38	43 / 45	1200 / 1280	12 / 10
REA11-30B2	400 x 140 x 400	300	350 x 350	220V~50Hz	46	46 / 57	1050 / 1000	18 / 14



Wall Mount Exhaust Fan - REA12 Series

REA12 Series is designed for direct air exhaust and direct air intake to / from outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

REA12 Series is designed for direct air exhaust and direct air intake to / from outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Capacitor Run Induction Motor with high performance is adopted.
- Safety Blade Holding Cap for tightening blade position. Detachable for convenience of blade cleaning.
- Detachable Oil Retainer is available.
- Elegant and aesthetically design Front Louver is available. Detachable for easy cleaning. Safety protection from accidental touching of fan blades by fingers and outside objects.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
REA12-20B2	296 x 162 x 296	200	250 x 250	220V~50Hz	28	40 / 40	1250 / 1300	8.1 / 6.0
REA12-25B2	342 x 169 x 342	250	300 x 300	220V~50Hz	38	43 / 45	1200 / 1280	12 / 10
REA12-30B2	400 x 176 x 400	300	350 x 350	220V~50Hz	46	46 / 57	1050 / 1000	18 / 14



Window Mount Exhaust Fan - Front Shutter Type - HAE35 Series

HAE35 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE35 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.

- Durable and reliable Shaded Pole Motor is adopted.

- Magnetic Shutter System is applied for

(1) Stable opening of shutter plates by electrical control ensures the best air exhaust volume

(2) Light landing of shutter plates by electrical control prevents noise from sudden shutting of shutter plates from overhead wind, blocks outdoor dust and insects, and maintains indoor temperature.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE35-10E	160 x 52 x 160	100	Ø116	220V-50Hz	13	44	2000	1.3
HAE35-15E	206 x 62 x 206	150	Ø164	220V-50Hz	16	44	1340	3.2



Window Mount Exhaust Fan - HAE32 Series

HAE32 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE32 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Shaded Pole Motor is adopted.
- Elegant and aesthetically pleasing design.
- Reliable Pullcord Shutter & Switch

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE32-10C	157 x 80 x 157	100	Ø112	220V~50Hz	11	40	1900	1.08
HAE32-15C	200 x 97 x 200	150	Ø153	220V~50Hz	14	43	1820	2.8
HAE32-20C	252 x 112 x 252	200	Ø184	220V~50Hz	17	49	1320	4.2



Window Mount Exhaust Fan - HAE38 Series

HAE38 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE38 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Shaded Pole Motor is adopted.
- Spigot is designed for safely fixing the fan with window pane from indoor.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE38-10C	139 x 108 x 139	100	Ø102	220V~50Hz	12	40	2500	1.5
HAE38-15C	208 x 110 x 208	150	Ø153	220V~50Hz	18	40	1700	3



Window Mount Round Type Exhaust Fan – HAE2 Series

HAE2 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

DESCRIPTION

HAE2 Series is designed for direct exhaust to outdoor to maintain the best indoor ventilation and air circulation.

- The fans are recommended for domestic and commercial premises, e.g. bathroom, bedroom, living room, kitchen, lavatory, meeting room, office, computer room, restaurant, classroom, hospital ward, etc.
- Durable and reliable Shaded Pole Motor is adopted.
- Safety Blade Holding Cap for tightening blade position. Detachable for convenience of blade cleaning.
- Reliable Pullcord Shutter & Switch ensure the best contact between the switch and the back cover : (HAE2-15C, HAE2-20C : pillar switch / HAE3-15C, HAE3-20C : terminal switch)
- Pullcord Cabinet is designed for tidy storage of pullcord (HAE3-15C, HAE3-20C)
- Vibration Proof Cushion is included.

SPECIFICATION

Model No.	Dimension (mm)	Blade Size (mm)	Installation Space (mm)	Voltage	Input Power (W)	Sound Level (dB(A))	Speed (R.P.M)	Air Volume (m ³ /min)
HAE2-15C	206 x 100 x 206	Ø150	Ø186-188	220V~50Hz	10	36	1740	3.3
HAE2-20C	272 x 115 x 272	Ø200	Ø247-250	220V~50Hz	24	43	1920	6.3



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