

TECHNICAL SPECIFICATION

EXHAUST FAN

ecoair®



DURABILITY



USER FRIENDLY



ENERGY EFFICIENT

FEATURES & ADVANTAGES

1. Direct drive fan without belt for maintenance free operation and long life
2. Aluminum die cast impeller for high strength
3. Larger air flow, low noise & energy saving
4. Built in louvers to prevent dust ingress
5. Easy installation

BEST SUITED FOR APPLICATION

1. For ventilation and ensuring air changes as per statutory requirements in :
 1. Shop floors
 2. Warehouses and assembly lines
 3. Garment factories and food processing center's
 4. Poultry farm and spaces where large volume of air is need to be exhausted.
2. Ideal replacement for roof / turbo ventilators
3. Used to ventilate non-flammable , low corrosive gases with temp. Less than 50°C, relative humidity no greater than 80%, quantity of dust & solid impurities $\leq 100 \text{ mg/m}^3$

NOTE:

1. Air flow rate is based on max speed of the fan under standard test condition.

MODEL NO : EAEX1300

TYPE OF FAN	EXHAUST FAN
M. O. C. of BODY	GI
BLADE MATERIAL	SS
NO. OF BLADE	6
IMPELLER	ALUMINIUM DIE CASTING
MOTOR TYPE	INDUCTION MOTOR
MOTOR MAKE	ECOAIR
POWER (KW)	1.1
POWER LINE/VOLTAGE (V)	3 ϕ – 415 V
FREQUENCY (HZ)	50
PROTECTION RATING	IP55
INSULATION CLASS	F
DUTY	S1
SPEED (RPM)	460
AIR FLOW (CMH)	44500
STATIC PRESSURE (MMWG)	10
WEIGHT (KG)	66
SOUND LEVEL @ 1m (dB)	< 65
DIMENSIONS	1380 X 400 X 1380

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MODEL NO : EAEX1200

TYPE OF FAN	EXHAUST FAN
M. O. C. of BODY	GI
BLADE MATERIAL	SS
NO. OF BLADE	6
IMPELLER	ALUMINIUM DIE CASTING
MOTOR TYPE	INDUCTION MOTOR
MOTOR MAKE	ECOAIR
POWER (KW)	0.75
POWER LINE/VOLTAGE (V)	3 ϕ – 415 V
FREQUENCY (HZ)	50
PROTECTION RATING	IP55
INSULATION CLASS	F
DUTY	S1
SPEED (RPM)	460
AIR FLOW (CMH)	37000
STATIC PRESSURE (MMWG)	10
WEIGHT (KG)	54
SOUND LEVEL @ 1m (dB)	< 65
DIMENSIONS	1220 X 400 X 1220

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4. Built in louvers to prevent dust ingress
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2. Ideal replacement for roof / turbo ventilators
3. Used to ventilate non-flammable , low corrosive gases with temp. Less than 50°C, relative humidity no greater than 80%, quantity of dust & solid impurities $\leq 100 \text{ mg/m}^3$

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MODEL NO : EAEX1000

TYPE OF FAN	EXHAUST FAN
M. O. C. of BODY	GI
BLADE MATERIAL	SS
NO. OF BLADE	6
IMPELLER	ALUMINIUM DIE CASTING
MOTOR TYPE	INDUCTION MOTOR
MOTOR MAKE	ECOAIR
POWER (KW)	0.55
POWER LINE/VOLTAGE (V)	3 ϕ – 415 V
FREQUENCY (HZ)	50
PROTECTION RATING	IP55
INSULATION CLASS	F
DUTY	S1
SPEED (RPM)	560
AIR FLOW (CMH)	32000
STATIC PRESSURE (MMWG)	10
WEIGHT (KG)	44
SOUND LEVEL @ 1m (dB)	< 65
DIMENSIONS	1060 X 400 X 1060

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3. Larger air flow, low noise & energy saving
4. Built in louvers to prevent dust ingress
5. Easy installation

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1. For ventilation and ensuring air changes as per statutory requirements in :
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 4. Poultry farm and spaces where large volume of air is need to be exhausted.
2. Ideal replacement for roof / turbo ventilators
3. Used to ventilate non-flammable , low corrosive gases with temp. Less than 50°C, relative humidity no greater than 80%, quantity of dust & solid impurities $\leq 100 \text{ mg/m}^3$

NOTE:

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MODEL NO : EAEX 800

TYPE OF FAN	EXHAUST FAN
M. O. C. of BODY	GI
BLADE MATERIAL	SS
NO. OF BLADE	6
IMPELLER	ALUMINIUM DIE CASTING
MOTOR TYPE	INDUCTION MOTOR
MOTOR MAKE	ECOAIR
POWER (KW)	0.45
POWER LINE/VOLTAGE (V)	3 ϕ – 415 V
FREQUENCY (HZ)	50
PROTECTION RATING	IP55
INSULATION CLASS	F
DUTY	S1
SPEED (RPM)	560
AIR FLOW (CMH)	23000
STATIC PRESSURE (MMWG)	10
WEIGHT (KG)	37
SOUND LEVEL @ 1m (dB)	< 65
DIMENSIONS	900 X 400 X 900

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MODEL NO : EAEX 600

TYPE OF FAN	EXHAUST FAN
M. O. C. of BODY	GI
BLADE MATERIAL	SS
NO. OF BLADE	6
IMPELLER	ALUMINIUM DIE CASTING
MOTOR TYPE	INDUCTION MOTOR
MOTOR MAKE	ECOAIR
POWER (KW)	0.37
POWER LINE/VOLTAGE (V)	3 ϕ – 415 V
FREQUENCY (HZ)	50
PROTECTION RATING	IP55
INSULATION CLASS	F
DUTY	S1
SPEED (RPM)	700
AIR FLOW (CMH)	17000
STATIC PRESSURE (MMWG)	10
WEIGHT (KG)	30
SOUND LEVEL @ 1m (dB)	< 65
DIMENSIONS	800 X 400 X 800

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