



Leading the Future of Industrial Environmental Solutions

SGS

CE



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Advanced Industrial Environmental Purification Solutions

Harnessing Next-Generation Technology

- Eco-Friendly Solutions
- Continuous Recycling for a Greener Future

Oil Mist Recycling Systems

Protecting the Environment, Maximizing Efficiency

Our mission is to protect the environment; our pursuit is efficiency.

Your Challenges, Our Solutions
Excellence in Every Detail

1 External



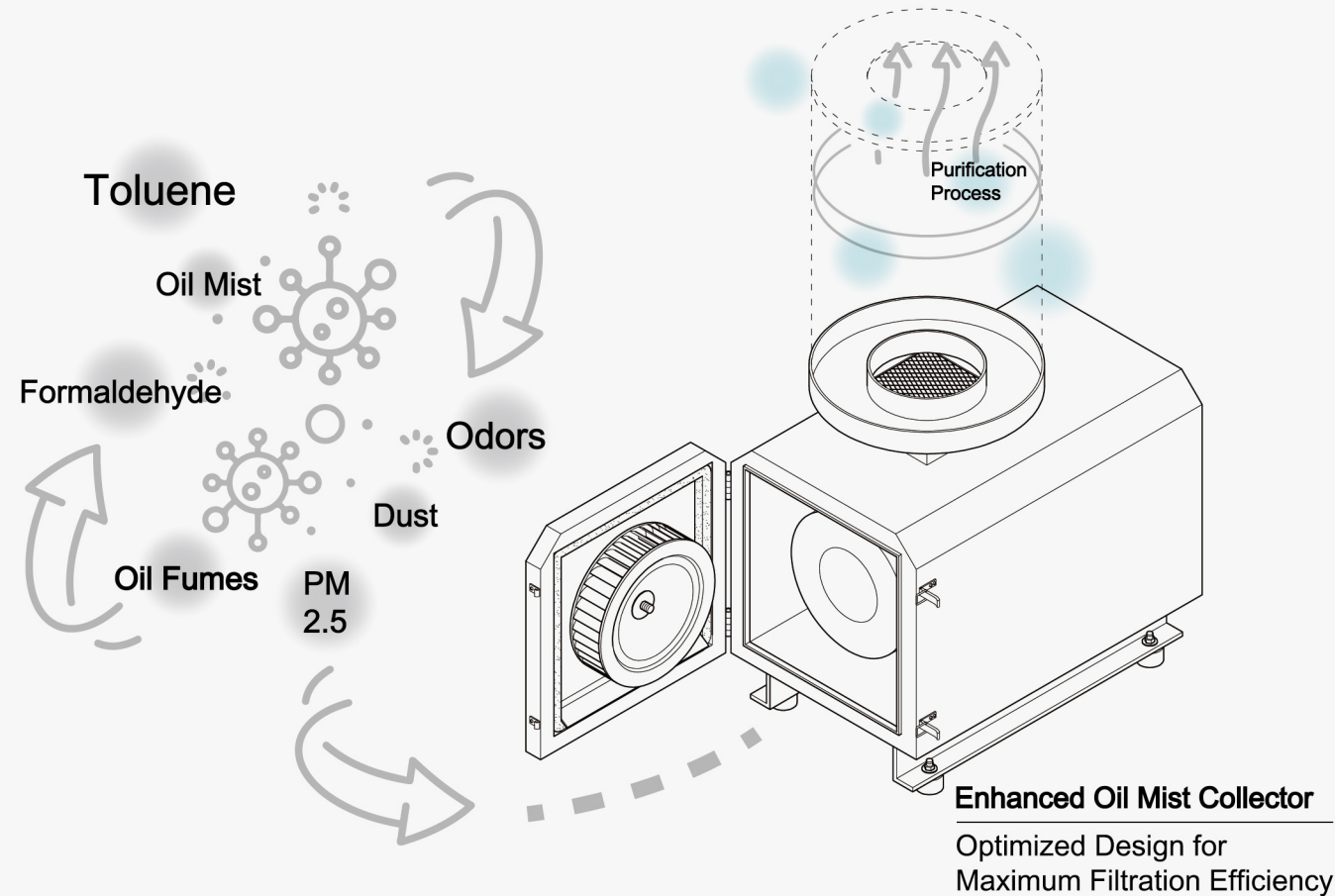
Eco-Friendly Protection

2 Internal



Breathe Easy, Stay Safe

- Is your production site facing issues with oil mist, smoke, or fumes?
- Struggling with oil mist and fumes in workshops and looking to create a cleaner, healthier workspace?
- Concerned about reduced component lifespan and potential safety hazards from short circuits due to particulate exposure?
- Want to meet global ESG requirements while maintaining efficient operation?



Compact Design

LC

LC1000
LC2000

Large Airflow

Energy Efficient

LS

LS1000
LS2000



SPECIFICATIONS

Model	LC-1000	LC-2000	LS-1000	LS-2000
Power (HP)	1/4HP(0.18KW)	1/4HP(0.18KW)	0.5HP(0.37KW)	1HP(0.75KW)
Suction Volume (m³/min)	13/15	18/22	24/29	33/41
Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Voltage (V)	1Φ 220V	3Φ 220V / 380V	3Φ 220V / 380V	3Φ 220V / 380V
Inlet Diameter (mm)	150	150	150	200
Noise Level (dB)	58	60 / 64	64 / 68	64 / 69
Weight (kg)	17	24	45	54
Dimensions (mm)	510Lx340Wx440H	630Lx300Wx470H	710Lx375Wx520H	750Lx420Wx575H

Dimensions do not include optional accessories

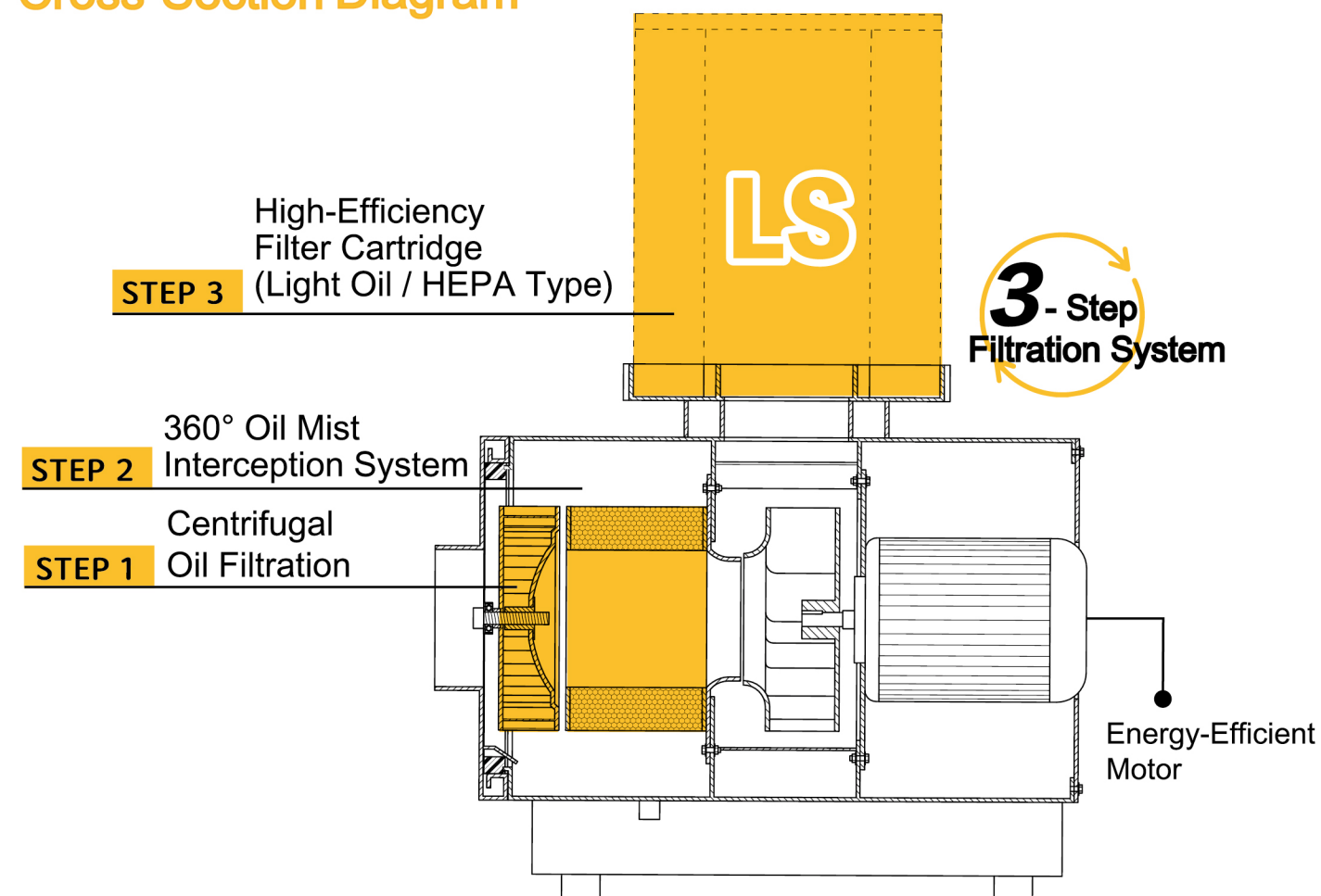


Vertical Purification Filter

Suitable for water-based, oil-based cutting applications

Series	L Series	S Series	H Series
Filtration Level	Light oil mist, water mist Filters down to 10 µm	Smoke, dense mist Filters down to 1 µm	Oil mist, full oil machining Filters down to 0.3 µm
Application Features	Light cutting Suitable for water mist and minimal oil mist environments	Heavy cutting Suitable for dense smoke and mist environments	Full oil machining, air-conditioned plants. Suitable for environments with strict air quality requirements. Hepa H13 grade, 99.97% efficiency.

LS Cross-Section Diagram



LS Series

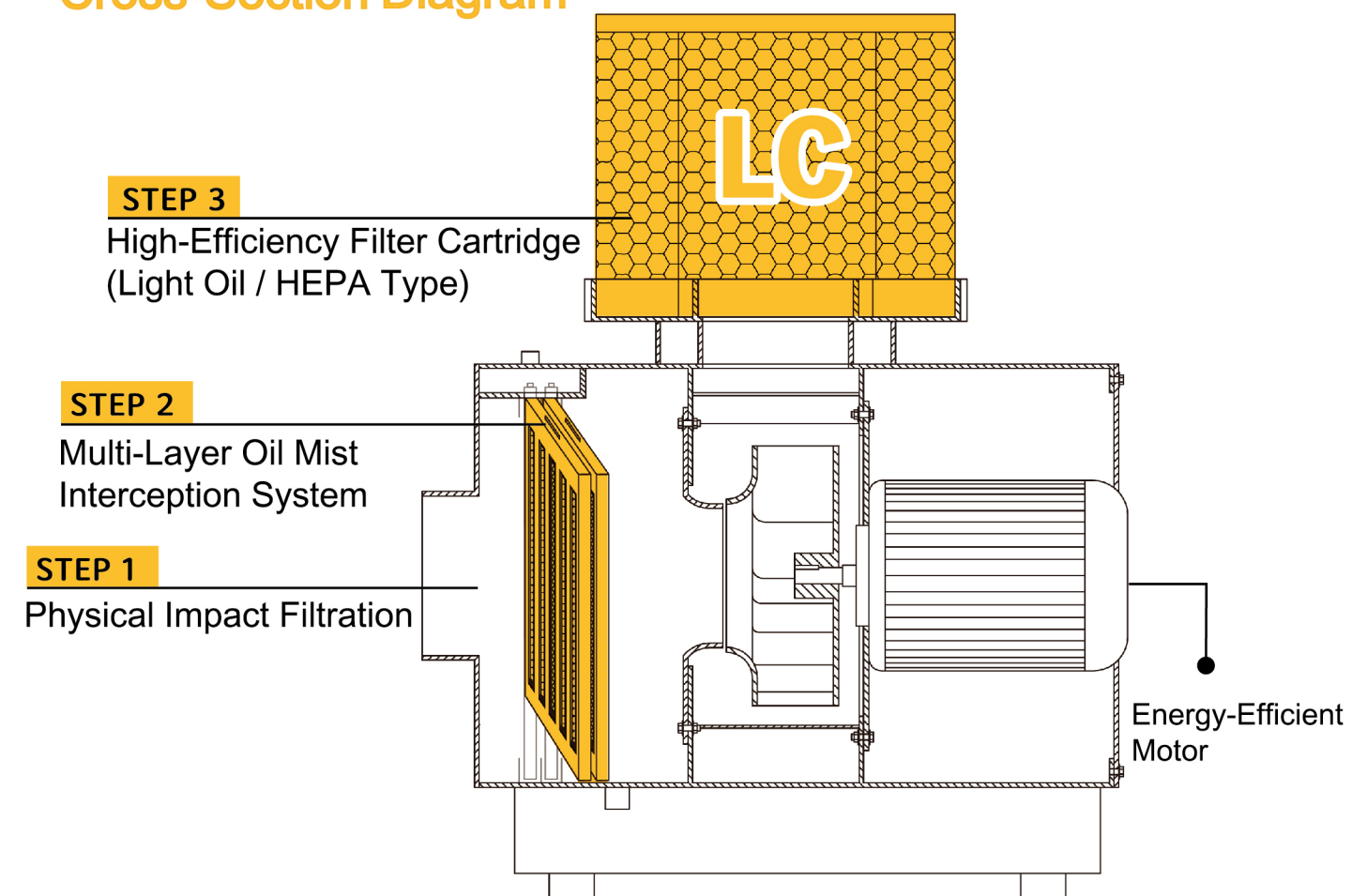
Features

- High airflow with low power consumption
- Centrifugal impact design
- Optimized efficiency
- Extended maintenance intervals
- Energy-saving with reduced carbon emissions

Aligned with ESG principles for sustainable environmental management



LC Cross-Section Diagram



LC Series

Features

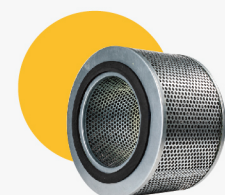
- Inertial impact principle
- Simple and convenient maintenance
- S-type patented filtration
- Energy-saving with low carbon emissions

Aligned with ESG principles for sustainable environmental management

Filtration Accessories



Stainless Steel Functional Filter Mesh



360° Stainless Steel Cylindrical Filter Core

Optional Accessories



Fixed Steel Stand



Mobile Steel Stand



Chip / Sludge Filter

Applications

To filter and remove metal chips and sludge that settle in the coolant tank during machining processes, increasing tank capacity and preventing blockages or deterioration.

Key Features

- ▶ Patented pressure stabilizer prevents splashing
- ▶ Exclusive vacuum test for superior suction
- ▶ Protects pump, extends lifespan
- ▶ Operator-friendly, easy, and time-saving
- ▶ Enlarged filter tank capacity



SPECIFICATIONS

Model	LG-F160	LG-F400
Weight (kg)	45	65
Max. Flow Rate (L/Min)	42gpm(159L/Min)	100gpm(378.5L/Min)
Filter Capacity	12L	19L
Filtration Accuracy	Standard 1mm Optional 0.38mm (40 mesh) 0.25mm (60 mesh)	
Inlet Pipe Diameter	32mm	
Coolant Return Device	Patented Coolant Pressure Stabilizer	
Dimensions (mm)	680Lx390Wx850H	750Lx410Wx900H

Customizable based on specific needs

Dimensions do not include optional accessories.

Oil-Water Separator

Applications

Separates cutting oil and lubricants from the machine's coolant tank. Waste oil is discharged, and purified coolant is recirculated.

Key Features

- ▶ No leveling needed, ready for immediate use
- ▶ Built-in dual-layer oil skimming system
- ▶ Easy installation, simple operation
- ▶ Prolongs cutting fluid lifespan
- ▶ Enhanced safety with pneumatic drive
- ▶ Zero consumables, eco-friendly



SPECIFICATIONS

Model	LW-S20	LW-M15	LW-M30
Max. Flow Rate (L/Min)	32L/Min	32L/Min	32L/Min
Coolant Tank Capacity	13L	9L	6L
Pneumatic Air Pressure	0.4-5Kg	0.4-5Kg	0.4-5Kg
Structural Design	Enhanced four-layer separation efficiency	Three-layer separation	
Installation	Base with wheels and handle, no leveling needed	One-to-one use, pre-drilled mounting interface	One-to-one stand-alone design
Suction Unit	Floating design with adjustable water level and magnetic base for securing pipe position		
Filtration Unit	Pressure regulator with manual speed control and automatic drainage		
Oil Discharge Level	Adjustable oil discharge level. Reduces water content		
Water Level	Adjustable water level and density ratio		
Dimensions (mm)	450Lx300Wx810H	450Lx320Wx335H	425Lx235Wx510H
Weight (kg)	30	20	16.2

Dimensions do not include optional accessories.

Your Top Choice for
Industrial Environmental
Protection

Cleanroom and Production
Line Purification Experts

LOB & LOD Series High-Performance Centralized Dust Collection and Purification System



Advanced Purification Technology



Innovative washable
filter design extends
cartridge life. Regular
maintenance maximizes
efficiency and supports
zero-carbon purification goals.



Applicable Industries

- 01 Electric Vehicles
 - 02 Semiconductors
 - 03 Machine Tools
 - 04 Aerospace
 - 05 Specialized Piping Engineering
- (Customizable for all industry sectors)

Eliminating oil,
smoke, mist, and dust
from manufacturing
processes to create
the optimal working
environment for you.



Product Highlights

- 1 Compatible with all machine tools
- 2 Built for large machine tools and heavy oil mist environments
- 3 Flexible line-up: one-to-one or one-to-multiple
- 4 Works with wet and dry machining conditions
- 5 Powerful suction, low noise, minimal vibration
- 6 Patented multi-stage filtration technology

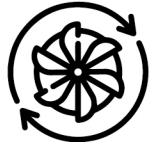
Top-Tier Service

- 1 Expert consultation and full air purification planning
- 2 Tailored solutions to meet customer needs

Industrial-Strength Air Purifier



Powerful Suction
Boosts air exchange and ensures continuous purification.



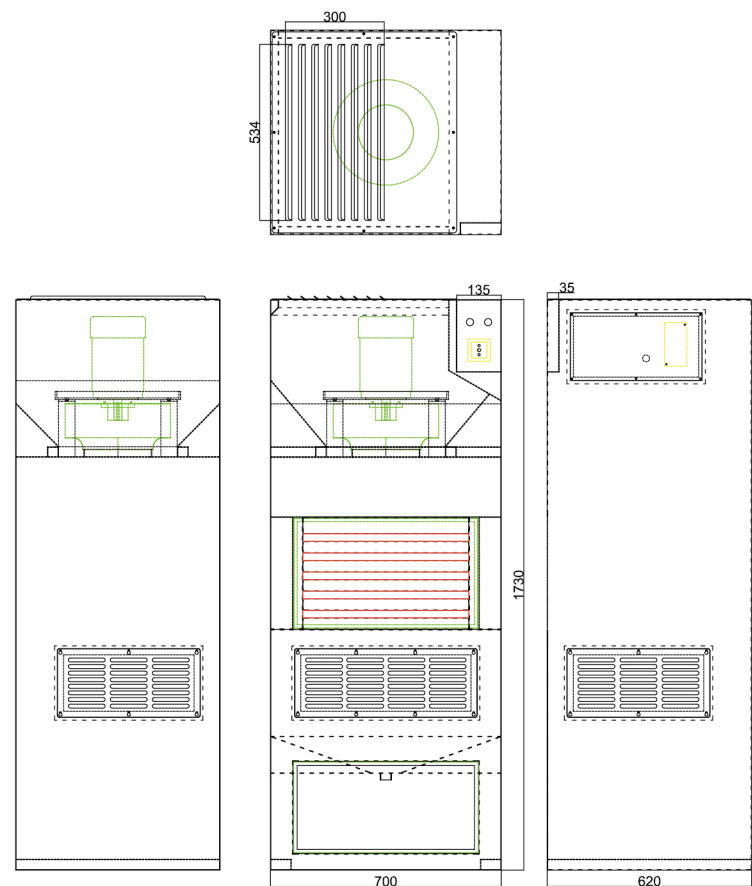
Precision Filtration
Efficiently captures oil mist, metal fumes, and PM2.5, with 99% filtration.



Extended Maintenance Cycle
Washable filters cut costs and simplify cleaning.



Eco-Friendly
Optimizes performance, cuts energy use, and lowers carbon footprint.



Air Purifier
Cross-Section Diagram

SPECIFICATIONS

Model	LA-2000
Power (HP)	2HP(1.5W)
Frequency (Hz)	60 / 50
Voltage (V)	3Φ 220V / 380V
Airflow (m³/h)	2400
Dimensions (mm)	700L x 620W x 1730H

Customizable according to specific needs

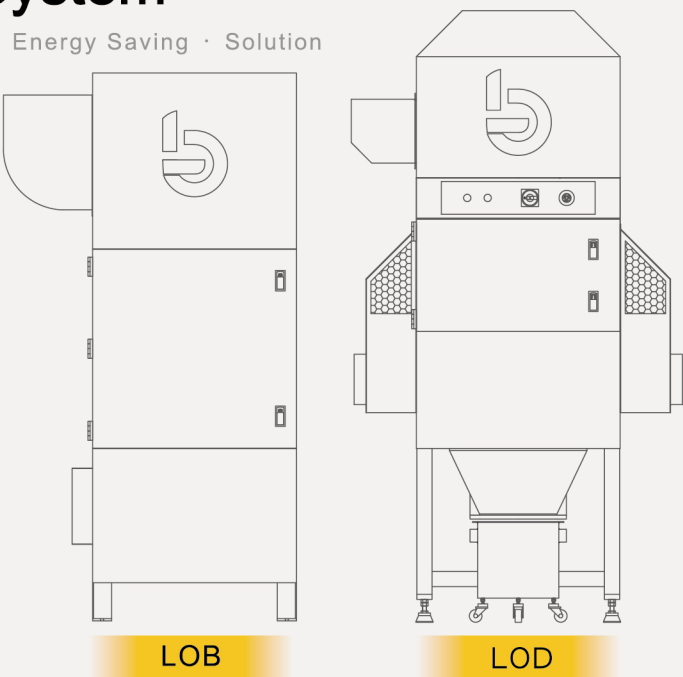
Dimensions do not include optional accessories

Versatile Centralized Dust Collection & Purification System

Leadership · Eco Purification · Energy Saving · Solution

All-in-One Dust Collection and Air Purification

(Featuring LOB & LOD Series)



Oil Mist Recovery System - LOB Series Specifications

Model	LOB-45	LOB-80	LOB-120
Power (HP)	2HP(1.5KW)	3HP(2.25KW)	4.5HP(3.375KW)
Suction Volume (m³/min)	80	130	200
Frequency (Hz)	50/60	50/60	50/60
Voltage (V)	3Φ 220V	3Φ 220V	3Φ 220V
Inlet Diameter (mm)	300x1 PCS	300x2 PCS	300x3 PCS
Noise Level (dB)	75	75	75
Weight (kg)	290	550	730
Dimensions (mm)	800Lx800Wx2150H	1100Lx1300Wx2700H	1150Lx1800Wx2700H

Fume Recovery System - LOD Series Specifications

Model	LOD-45	LOD-80	LOD-120
Power (HP)	2HP(1.5KW)	3HP(2.25KW)	4.5HP(3.375KW)
Frequency (Hz)	50/60	50/60	50/60
Voltage (V)	3Φ 220V	3Φ 220V	3Φ 220V
Inlet Diameter (mm)	200x2 PCS	200x2 PCS	200x2 PCS
Speed (R.P.M)	1750	1750	1750
Noise Level (dB)	75	75	75
Dimensions (mm)	800Lx900Wx2375H	1100Lx1300Wx2550H	1150Lx1800Wx2700H

※ 1HP = 0.75KW ※ Voltage can be customized