



GPE

Turbomachinery Specialist

GREEN POWER ENGINEERING CORPORATION

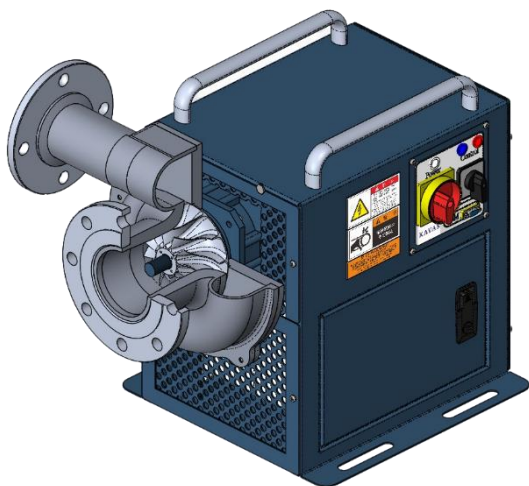
TURBO BLOWER

KAVAS
TURBO

(NEGATIVE & POSITIVE PRESSURE)

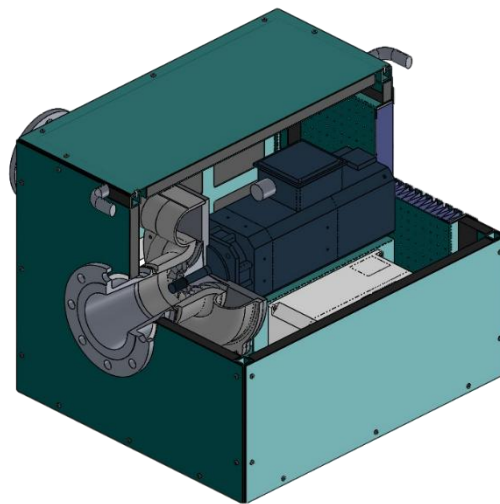
NEGATIVE PRESSURE

Equipment Application : Dust Collection, Air Filtration and Sterilization, Oil Mist Recovery



STANDARD

(L592 X W455 X H560 MM · 57.5KG)

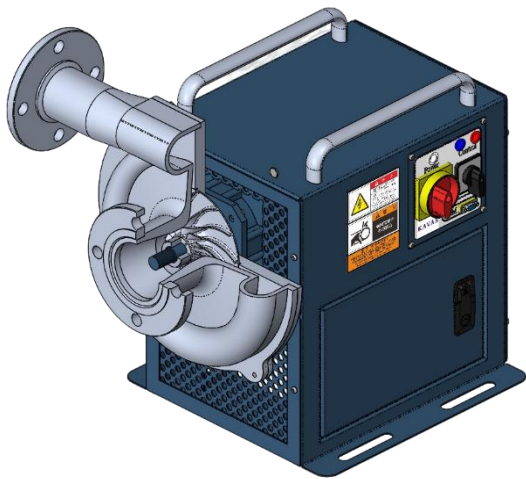


ADVANCED

(L820 X W700 X H570 MM · 127KG)

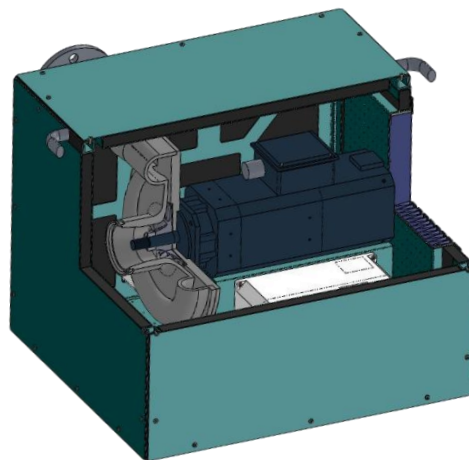
POSITIVE PRESSURE

Equipment Application : Powder Conveying, Oxygen Increasing, Air Knife, Gas Delivery, Aeration



STANDARD

(L592 X W455 X H560 MM · 57.5KG)



ADVANCED

(L820 X W700 X H570 MM · 127KG)



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(NEGATIVE & POSITIVE PRESSURE)

Equipment Advantages

- CE Certificate.
- Noise Certificate within 70dB(A).
- Low Vibration (below 1.2 mm/sec).
- Oil-free, High Efficiency, Low Temperature Rise.
- Long Service Life.
- Easy Maintenance and Repair.
- Low Start-up Electric Current.
- Compact and Stackable.
- Easy Installation and no need of Foundation.
- Adjustable Frequency by the Inventor for Flexible Operational Conditions.

Equipment Specification

※ NOMINAL VALUES ※

Model	Power	Voltage	Rotating Speed	Absolute Pressure	Air Flow	Total Efficiency
	kW	V	RPM	bar(a)	CMM	%
K005-110	3.7	3Φ220 3Φ380	21000	1.1 (Output)	14	73
K005-120	3.7	3Φ220 3Φ380	24000	1.2 (Output)	7.4	80
K005-130	3.7	3Φ220 3Φ380	24000	1.3 (Output)	5.2	76
K005-10H	3.7	3Φ220 3Φ380	21000	0.9 (Input)	10	57-61



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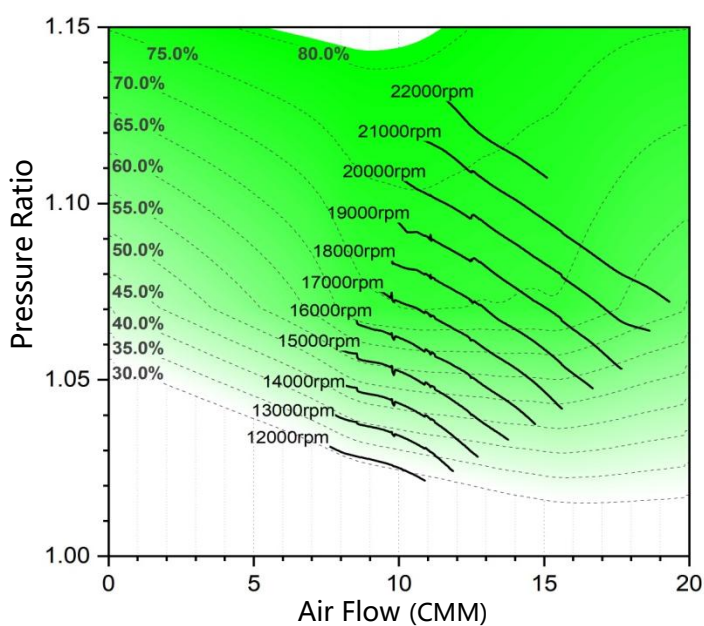
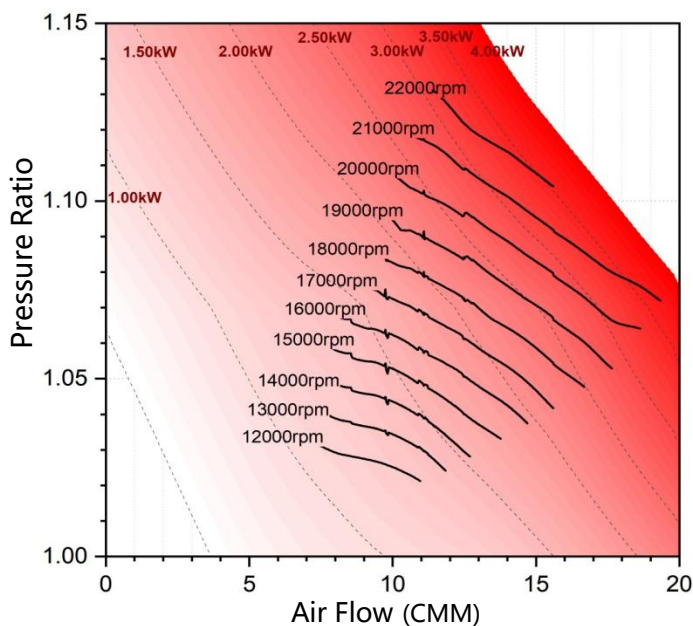
TURBO BLOWER

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POSITIVE PRESSURE_5HP

MODEL : K005-110

Item	Nominal value
MAX. POWER	3.7 kW
INPUT VOLTAGE	3Φ220 V
MAX. INPUT CURRENT	12 A
RATED WORKING SPEED	21,000 RPM
MAX. WORKING SPEED	22,000 RPM
INPUT PRESSURE	1.1 bar(a)
AIR VOLUME	14 CMM
TOTAL EFFICIENCY	73 %





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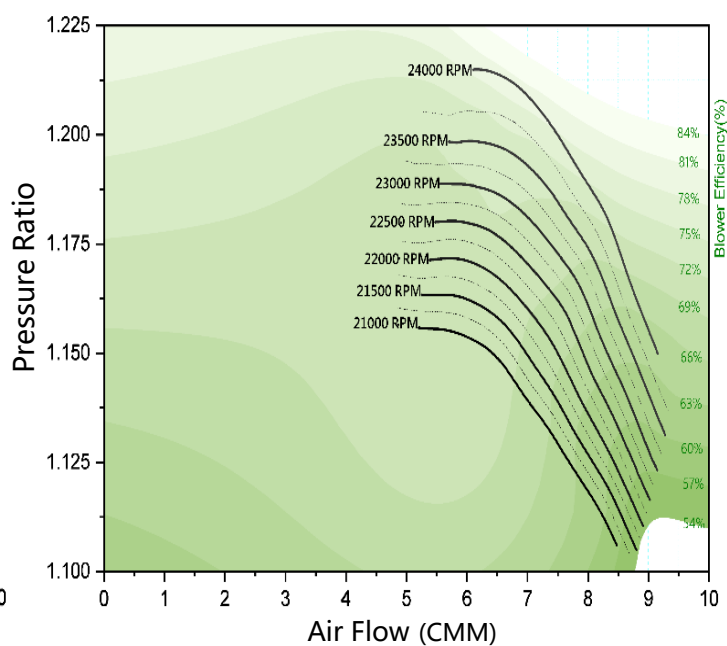
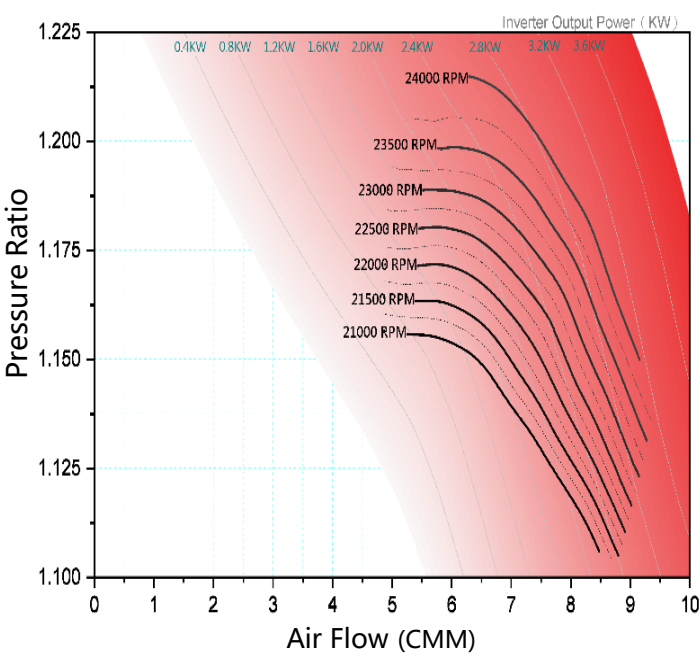
TURBO BLOWER

KAVAS
TURBO

POSITIVE PRESSURE_5HP

MODEL : K005-120

Item	Nominal value
MAX. POWER	3.7 kW
INPUT VOLTAGE	3Φ220 V
MAX. INPUT CURRENT	12 A
MAX. WORKING SPEED	24,000 RPM
OUTPUT PRESSURE	1.2 bar(a)
AIR VOLUME	7.4 CMM
TOTAL EFFICIENCY	80 %





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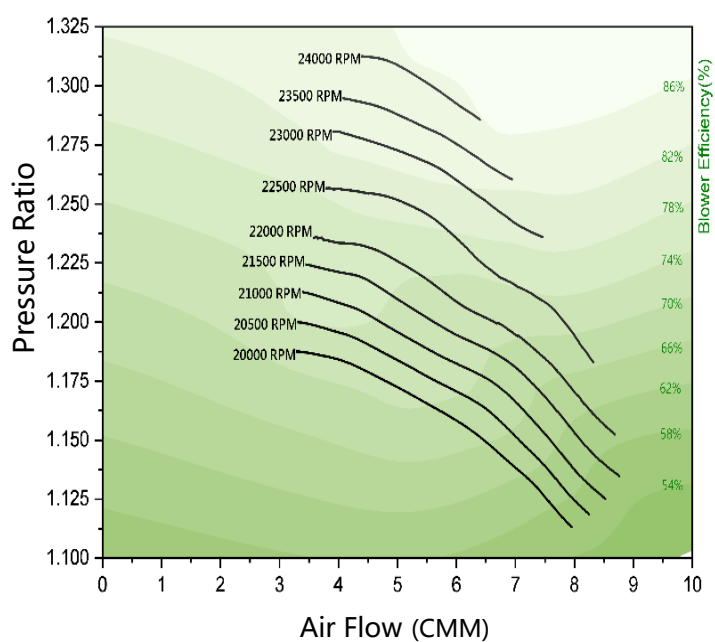
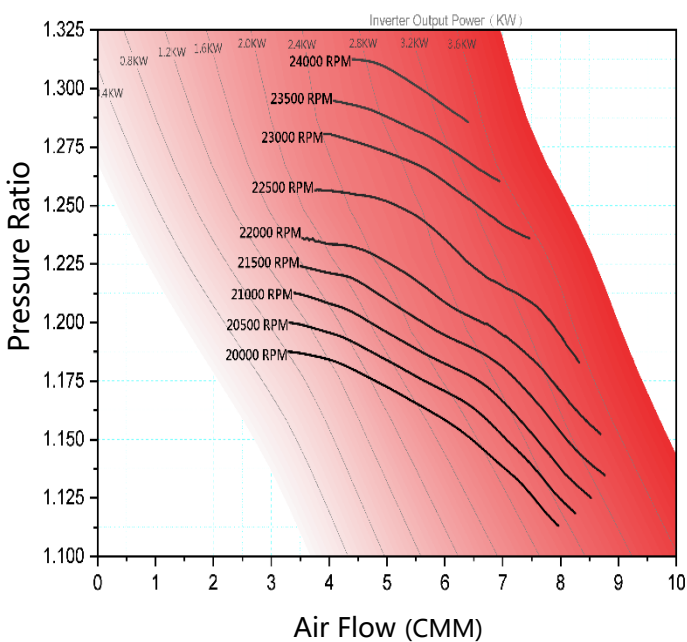
TURBO BLOWER

KAVAS
TURBO

POSITIVE PRESSURE_5HP

MODEL : K005-130

Item	Nominal value
MAX. POWER	3.7 kW
INPUT VOLTAGE	3Φ220 V
MAX. INPUT CURRENT	12 A
MAX. WORKING SPEED	24,000 RPM
OUTPUT PRESSURE	1.3 bar(a)
AIR VOLUME	5.2 CMM
TOTAL EFFICIENCY	76 %





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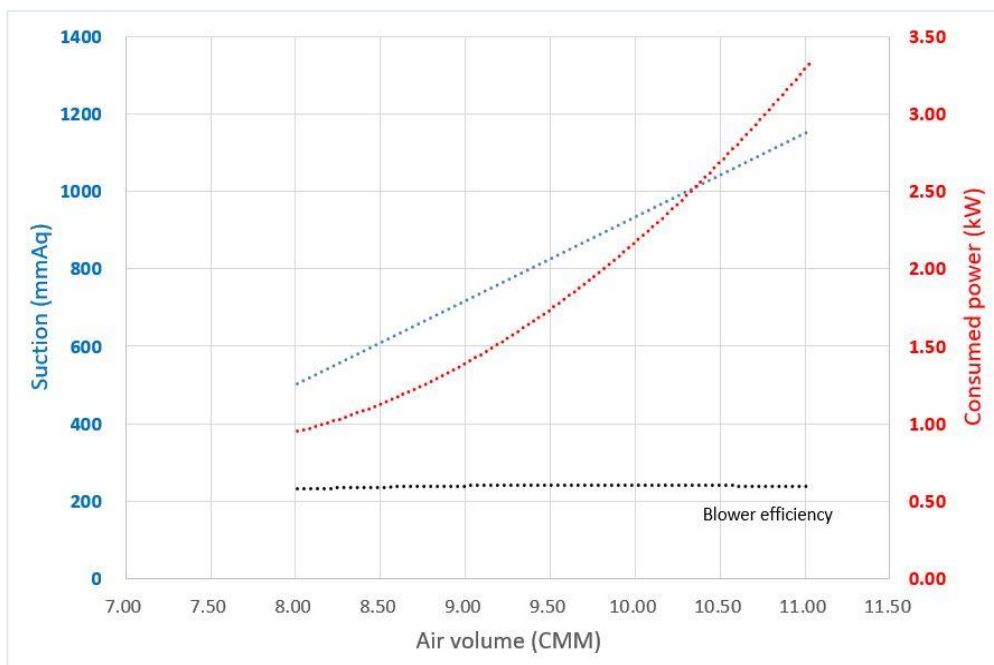
TURBO BLOWER

KAVAS
TURBO

NEGATIVE PRESSURE_5HP

MODEL : K005-10H

Item	Nominal value
MAX. POWER	3.7 kW
INPUT VOLTAGE	3Φ220 V
MAX. INPUT CURRENT	12 A
MAX. WORKING SPEED	21,000 RPM
INPUT PRESSURE	0.9 bar(a)
AIR VOLUME	10 CMM
TOTAL EFFICIENCY	57-61 %



**GPE****Turbomachinery Specialist****GREEN POWER ENGINEERING CORPORATION****TURBO BLOWER****(NEGATIVE & POSITIVE PRESSURE)****Customer Requirement Form****Equipment
Operational
Environment****Placement**

- ☐ Indoor ☐ Outdoor
☐ Hermetic Space ☐ Open Space
☐ Ceiling ☐ Floor / Wall
☐ Others : _____

Environmental conditions

- ☐ Normal Temperature and Pressure
☐ Radiation Control
☐ High Voltage Electricity
☐ Explosion-Proof Classification
☐ Noise Control
☐ High Altitude (more than 2 meters above the ground)
☐ Others : _____

**Special
Environment
Instructions****Biological Control**
(E.G. Clean Room)**Cleanliness Level**
(E.G. Clean Room)**Corrosive or Harmful Chemicals**
(Please Specify the Ingredients.)**Equipment
Operational
Requirements****Pressure value****Air Volume Value****Unit Allowable Noise Value****Unit Allowable Space / Weight****Filter Type**

- ☐ Coarse filter
☐ Filter Grade : _____
☐ Others : _____

Pipeline Configuration
(Inlet & Outlet)

Need to be connected to the pipeline.

☐ Inlet ☐ Outlet

Other Options

- ☐ Pressure Switch ☐ Unit control panel
☐ Vibration Detector
☐ Others : _____