



ITALIAN **VACUUM COMPRESSORS**



SOFFIANTI
A CANALE
BLOWERS



SOFFIATORI
A LOBI
COMPRESSORS



DIFFUSORI
DIFFUSERS



VENTILATORI
INDUSTRIALI
INDUSTRIAL FANS



POMPE AD
ANELLO LIQUIDO
VACUUM PUMPS



POMPE A UNCINO
CLAW PUMPS



POMPE A PALETTE
A SECCO
DRY ROTARY VANE



POMPE A PALETTE
LUBRIFICATE
OIL ROTARY VANE



TURBO SOFFIANTI
TURBO BLOWERS

Applications

Air Knife Cleaning and Drying System

Ultrasonic Washing & Cleaning & Drying Equipment

Fridge Board drying; Auto Part Drying

Electroplating Parts Drying; Plastic Sheet Drying

Plating Drying and Cleaning System

PCB & PCBA Cleaning and Drying Equipment

Vacuum Filling Equipment; Bottling Drying System

Vacuum Package Machine;

Material Handling and Conveying

Food Processing and Drying System

Pneumatic Conveying system

Dust-Free Plant;

Water Treatment & Sewage Treatment

Tank Aeration; Aquaculture; Shrimp & Fish Farm

Spa Pool & Swimming Pool Equipment; Jacuzzi Spas

Air Coating System; Spraying System

Biogas Transportation & Pressurization; Biogas Power Generation

Sand Blasting Machine

CNC Table

Etc.



Soft Drinks Drying



Beverages Drying



Glass Cleaning



Electroplated Parts Drying



Liqueur Drying



Plastic Sheets Drying



Biogas Application



Beer Drying & Labeling



Mineral Water Drying



Plastic Box Washing & Drying

Features

TECHNICAL FEATURES

- Compact design
- IEC approved engines
- Energy efficiency
- Quiet operation
- Extended life
- IE2 / IE3 ABB standard motor
- Impeller speed reaches 13000-28400r/min
- Teflon painted outside, qualified for acid and corrosive application
- Use SKF and NSK bearing
- Save 60% electricity

Each centrifugai turbo-blower is constructed with the utmost attention to detail using the highest quality parts, held to strict tolerances.

Each rotating component and the sub-assembly is balanced before, during and after assembly.

The entire unit is then subjected to a rigorous testing phase far vibration, noise to ensure overall performance.

No turbo-fan leaves the factory without meeting our high standards of control.

OPERATIONS

- Oil-free, non pollution and stable capacity
- Automatic Tensioning (change the drive belt 1 minute - no tools required)
- Low maintenance far continuous duty

CLASSIC APPLICATIONS

- Drying with air tmives
- Canning industry
- Drying bottling and packaging applications far food.
- Drying Air & Gas Handling
- Tiles Drying
- Plastic Drying



ITB 1200



ITB 1400



ITB 2000



ITB 2600



ITB 3800



ITB 4800

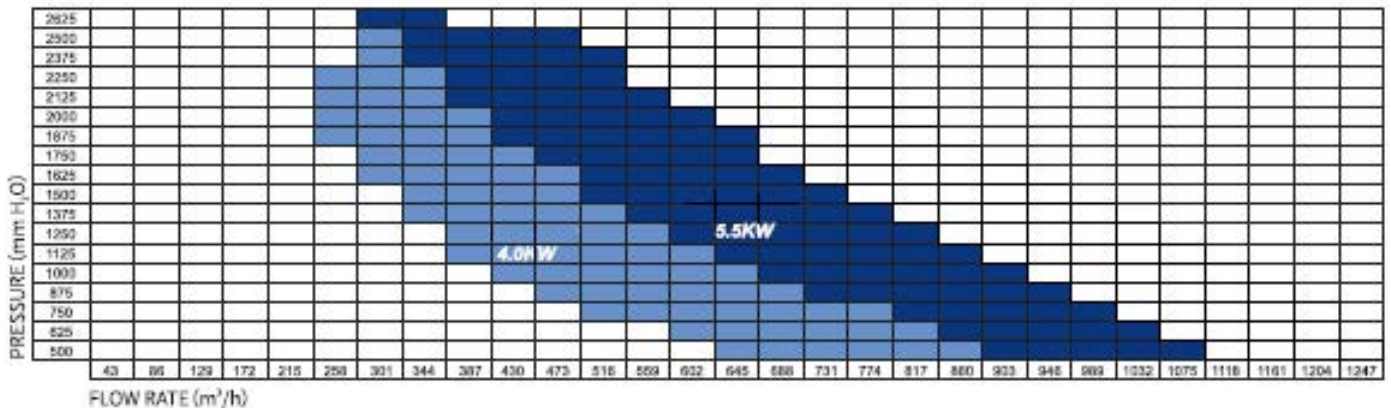
ITB 1200

Specifications

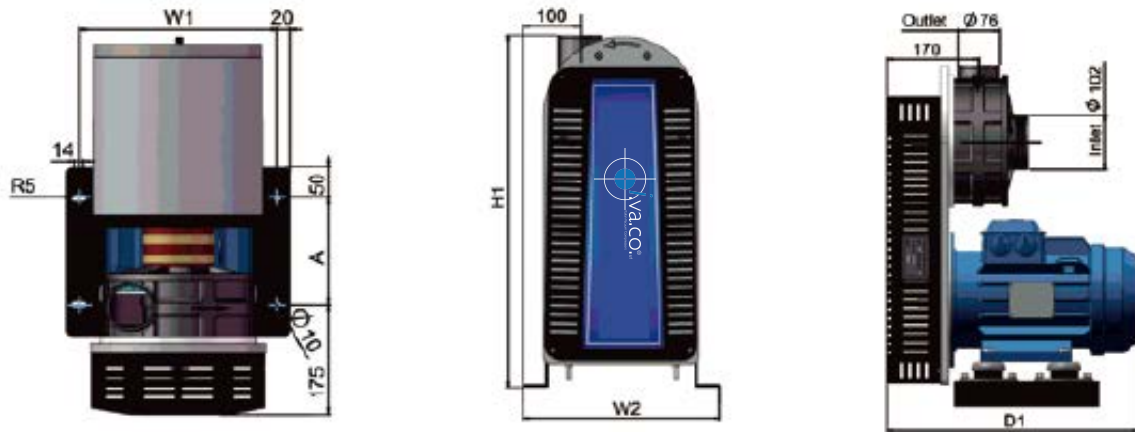


- **Technical Standard** IEC / NEMA
- **Power** 4.0KW-5.5KW
- **Air Flow** 120-1200m³/h
- **Pressure** 180mbar (18.0KPa)
- **Vacuum** 160mbar (16.0KPa)
- **Weight** 66-96Kg
- **Ambient Temperature** -12°C -40°C
- **Air Temperature Range** < 52°C (Water Cooling Type < 150°C)
- **Design Patterns** SinglePump Head

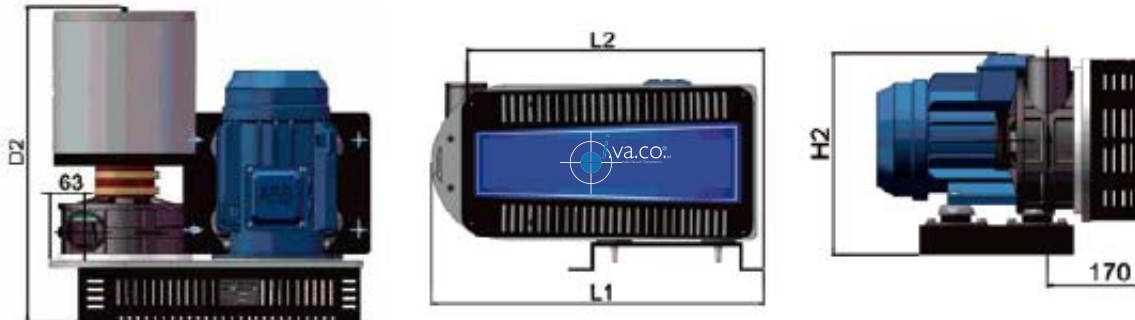
Selection Diagram



VERTICAL INSTALLATION SIZE



HORIZONTAL INSTALLATION SIZE



Model	ITB 1200	
Motor	4.0KW	5.5KW
W1	314mm	340mm
W2	354mm	380mm
D1	470mm	520mm
D2	595mm	600mm
H1	635mm	663mm
H2	345mm	387mm
L1	605mm	665mm
L2	504mm	590mm
A	168mm	168mm

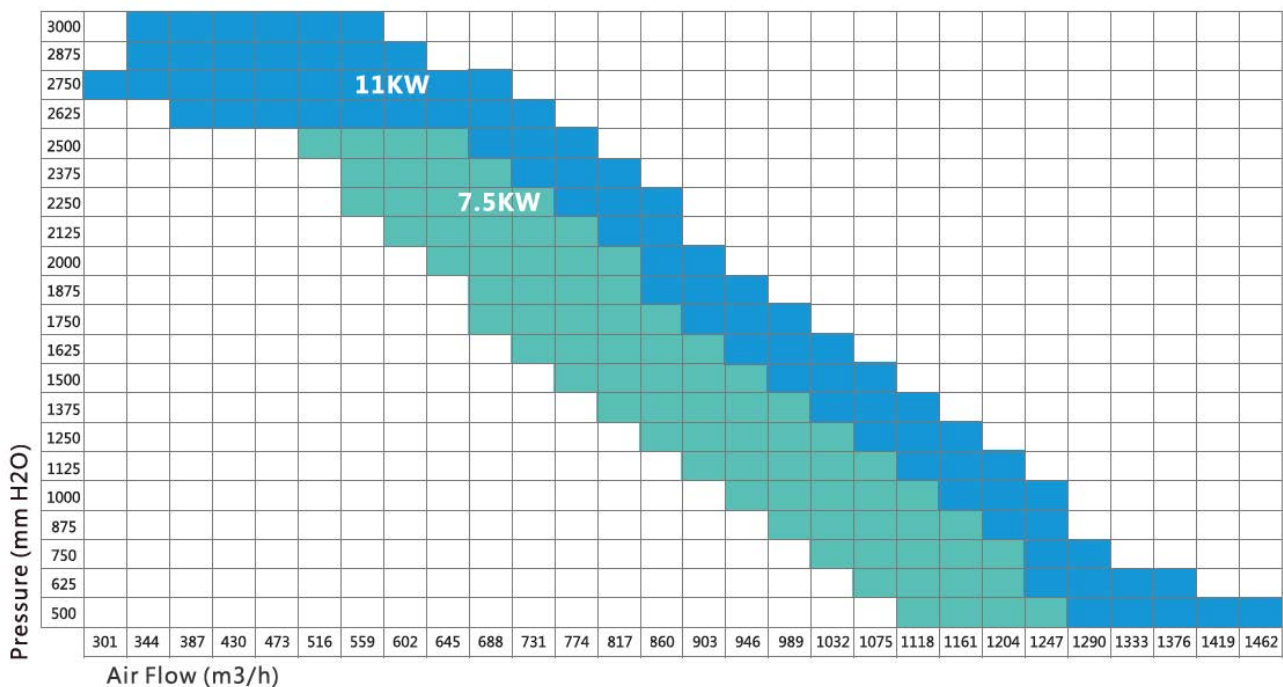
ITB 1400

Specifications

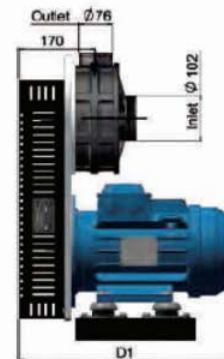
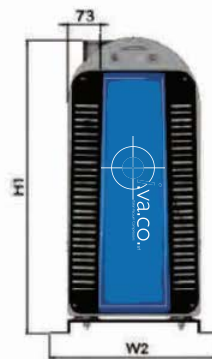
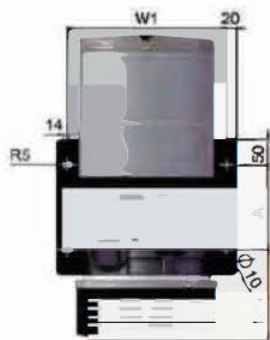


- Technical Standard IEC / NEMA
- Power 7.5KW-11.0KW
- Air Flow 144-1462m3/h
- Pressure 259mbar (25.9KPa)
- Vacuum 224mbar (22.4KPa)
- Weight 75-135Kg
- Ambient Temperature -12°C -40°C
- Air Temperature Range $< 52^{\circ}\text{C}$ (Water Cooling Type $< 150^{\circ}\text{C}$)
- Design Patterns Single Pump Head

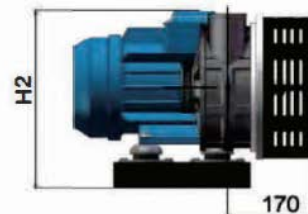
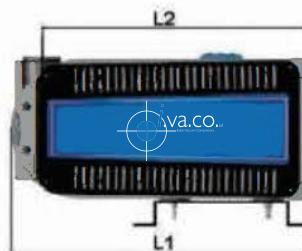
Selection Diagram



Vertical Dimension

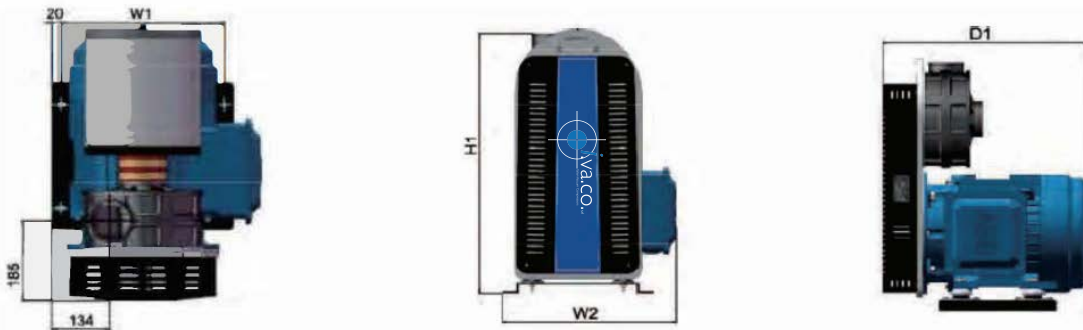


Horizontal Dimension

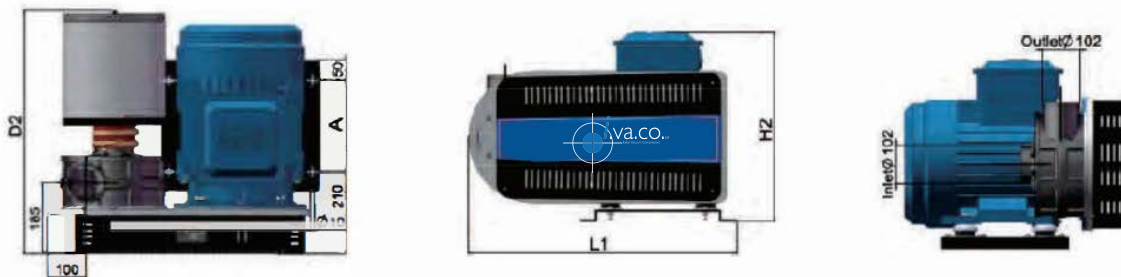


Model	ITB 1400	
Motor	7.5KW	11.0KW
W1	340mm	378mm
W2	380mm	482mm
D1	560mm	596mm
D2	600mm	635mm
H1	663mm	718mm
H2	387mm	495mm
L1	665mm	715mm
L2	590mm	615mm
A	168mm	238mm

Vertical Dimension



Horizontal Dimension



Model	ITB 2000	
Motor	11.0KW	15.0KW
W1	378mm	378mm
W2	482mm	482mm
D1	596mm	596mm
D2	635mm	635mm
H1	718mm	718mm
H2	495mm	495mm
L1	715mm	715mm
L2	615mm	615mm
A	238mm	238mm

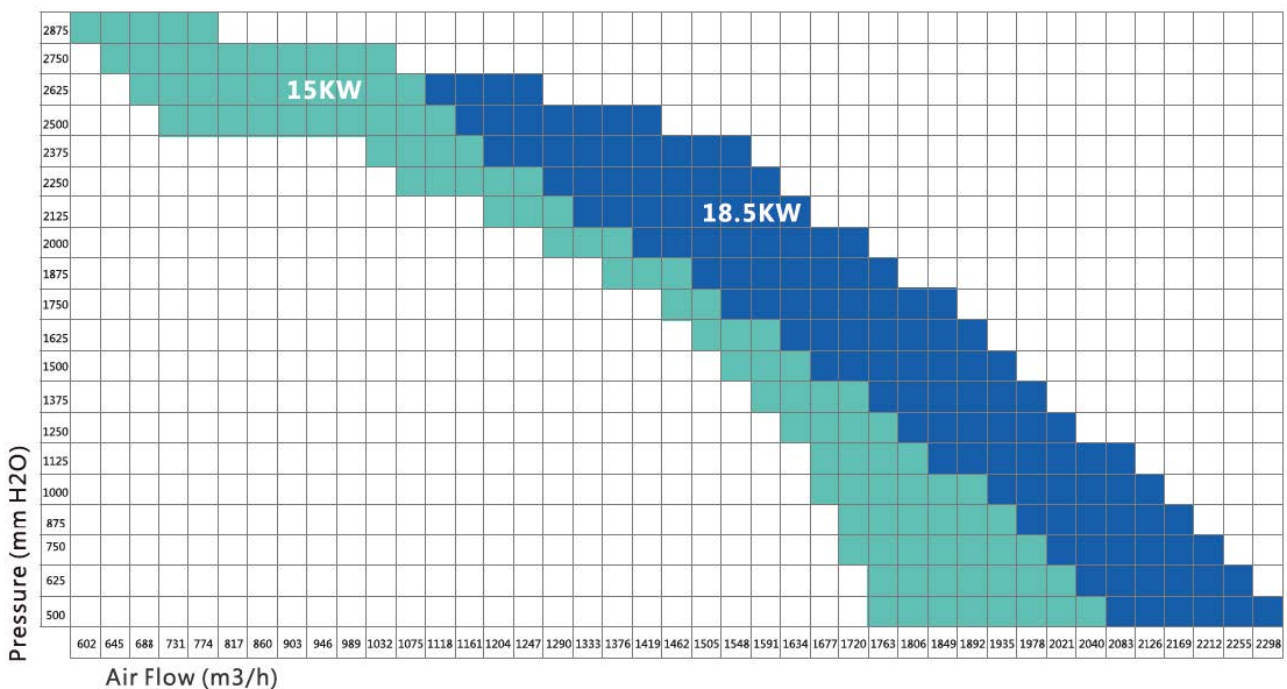
ITB 2600

Specifications

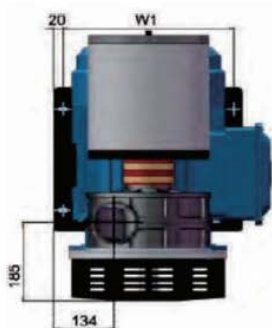


- Technical Standard IEC / NEMA
- Power 15.0KW-18.5KW
- Air Flow 225-2298m3/h
- Pressure 290mbar (29.0KPa)
- Vacuum 270mbar (27.0KPa)
- Weight 95-185Kg
- Ambient Temperature -12°C -40°C
- Air Temperature Range < 52°C (Water Cooling Type < 150°C)
- Design Patterns Single Pump Head

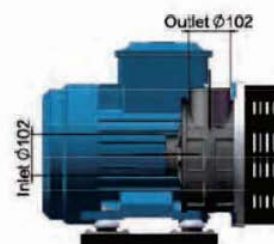
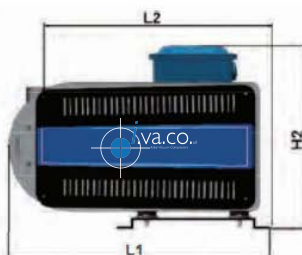
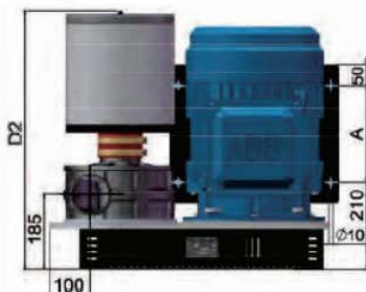
Selection Diagram



Vertical Dimension



Horizontal Dimension



Model	ITB 2600	
Motor	15.0KW	18.5KW
W1	378mm	378mm
W2	482mm	482mm
D1	596mm	596mm
D2	635mm	635mm
H1	718mm	718mm
H2	495mm	495mm
L1	715mm	715mm
L2	615mm	615mm
A	238mm	238mm

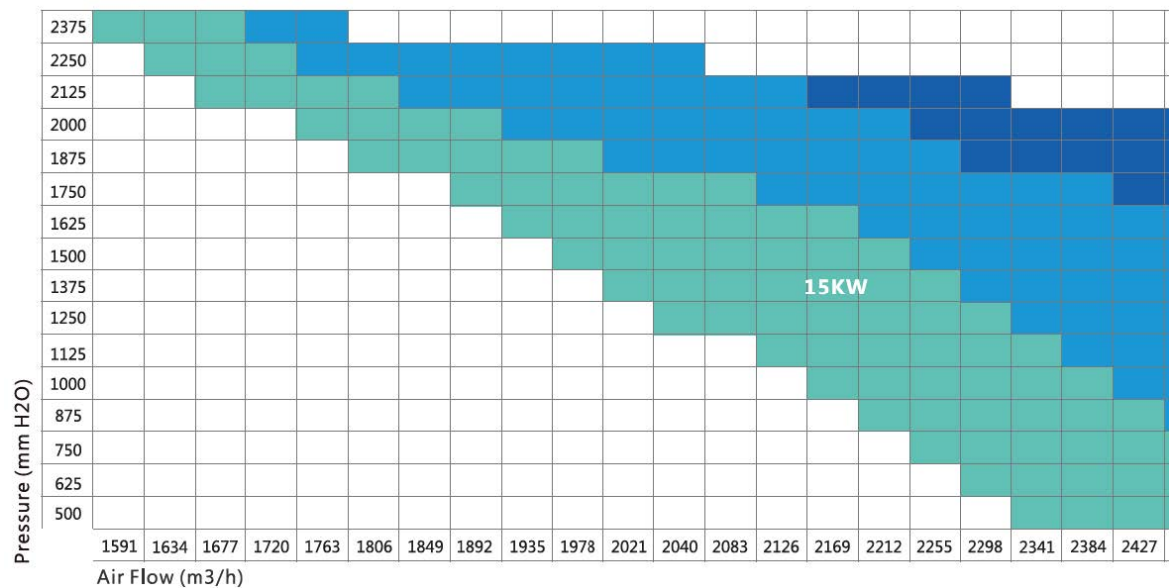
ITB 3800

Specifications

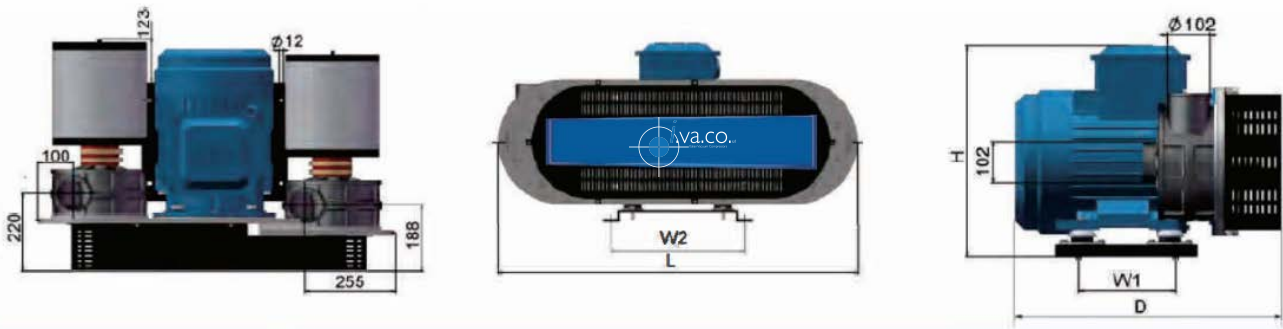


- Technical Standard IEC / NEMA
- Power 15.0KW-30.0KW
- Air Flow 340-3416m3/h
- Pressure 241mbar (24.1KPa)
- Vacuum 224mbar (22.4KPa)
- Weight 138-198Kg
- Ambient Temperature -12°C -40°C
- Air Temperature Range < 52°C (Water Cooling Type < 150°C)
- Design Patterns Double Pump Head

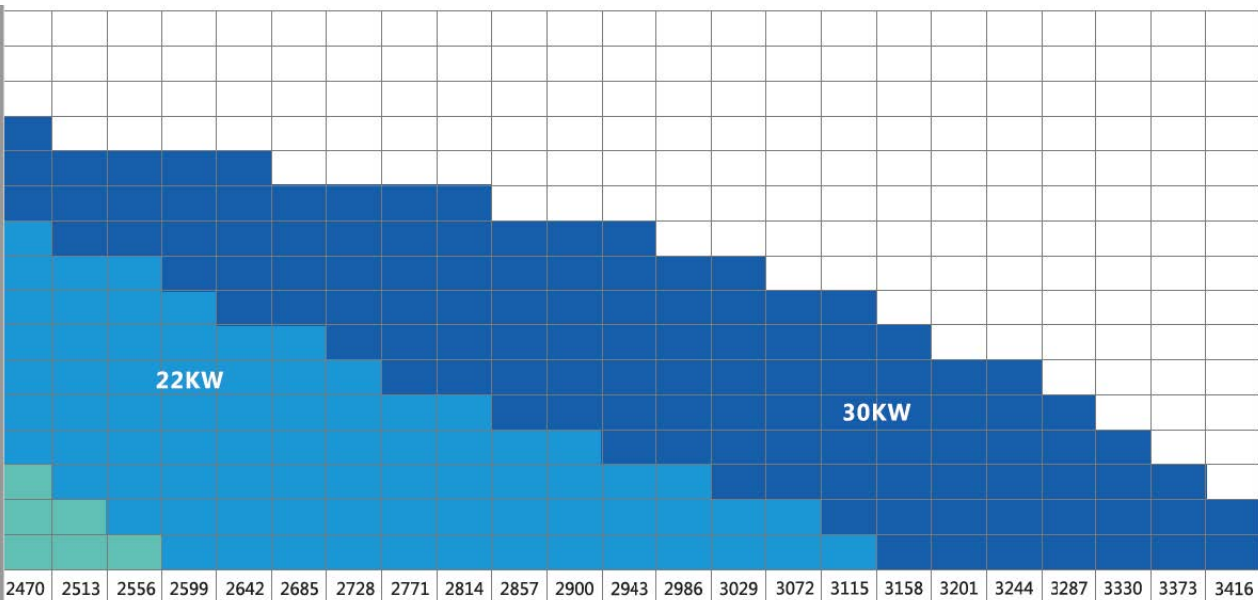
Selection Diagram



Dimension

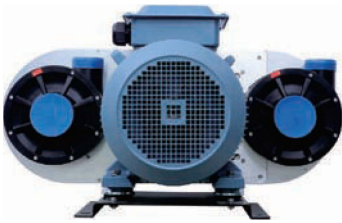


Model	ITB 3800		
Motor	15.0KW	22.0KW	30.0KW
W1	282mm	282mm	390mm
W2	378mm	403mm	491mm
D	660mm	660mm	768mm
H	495mm	515mm	555mm
L	1012mm	1012mm	1089mm



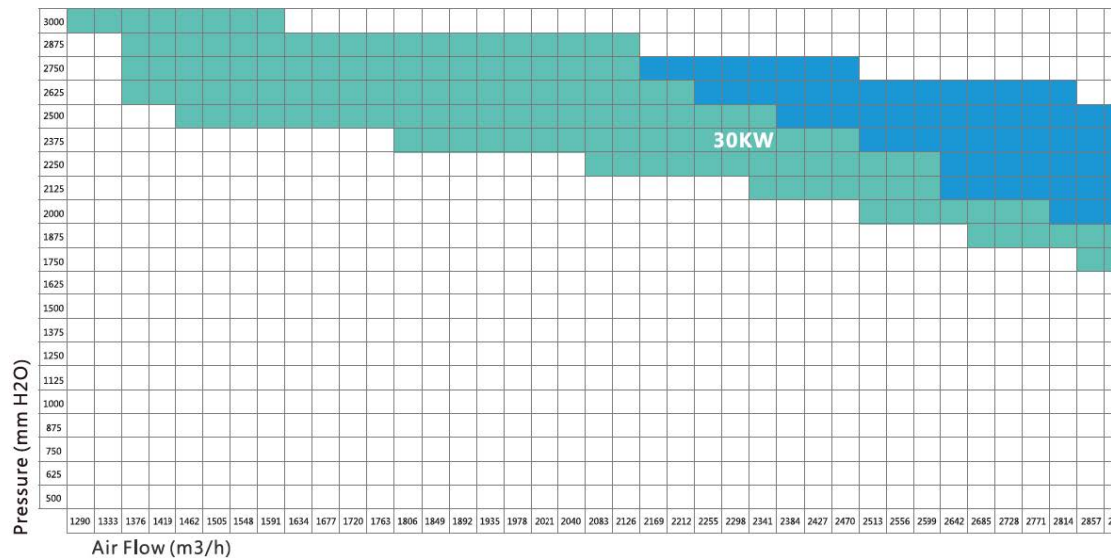
ITB 4800

Specifications

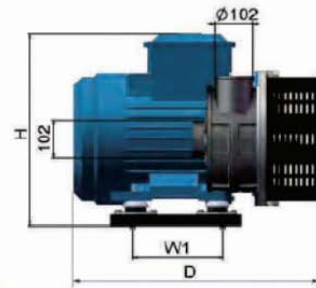
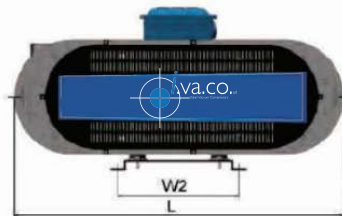
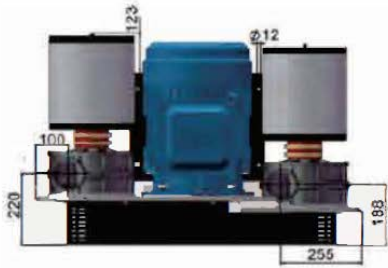


- Technical Standard IEC / NEMA
- Power 30.0KW-37.0KW
- Air Flow 510-4596m3/h
- Pressure 290mbar (29.0KPa)
- Vacuum 270mbar (27.0KPa)
- Weight 145-223Kg
- Ambient Temperature -12°C -40°C
- Air Temperature Range < 52°C (Water Cooling Type < 150°C)
- Design Patterns Double Pump Head

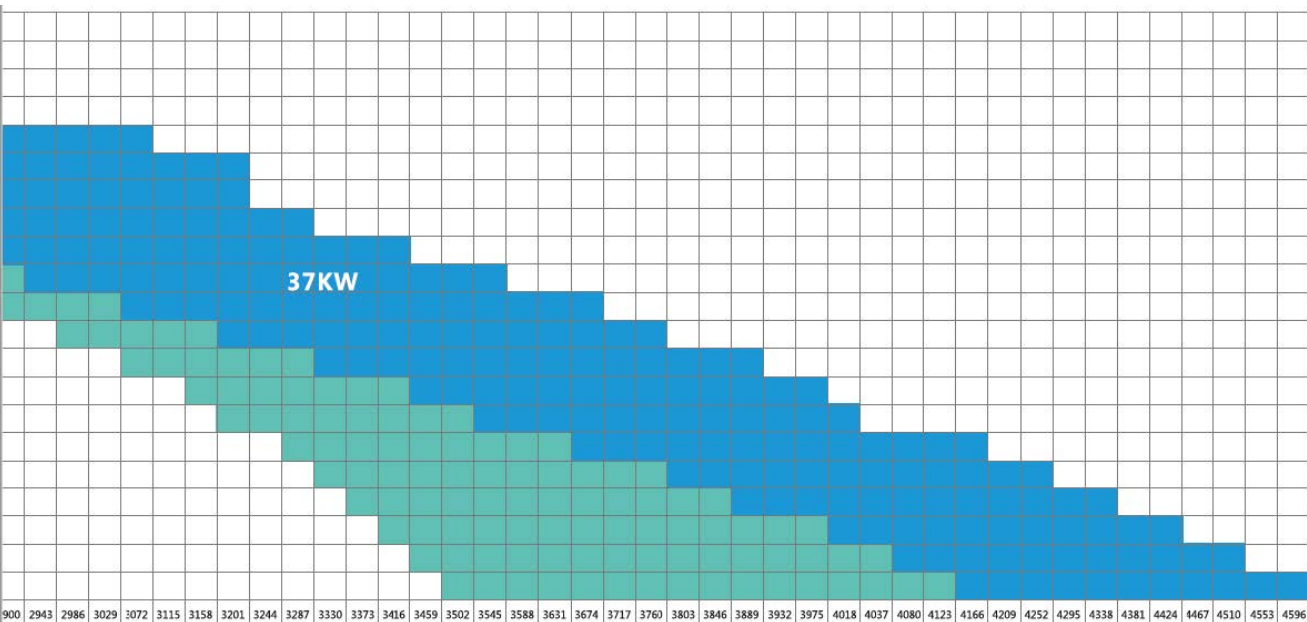
Selection Diagram



Dimension



Model	ITB 4800	
Motor	30.0KW	37.0KW
W1	390mm	390mm
W2	491mm	491mm
D	768mm	768mm
H	555mm	555mm
L	1089mm	1089mm





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