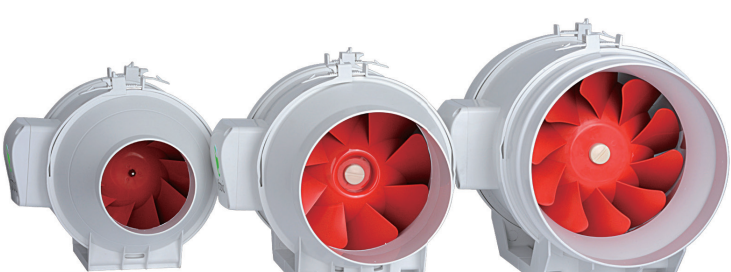
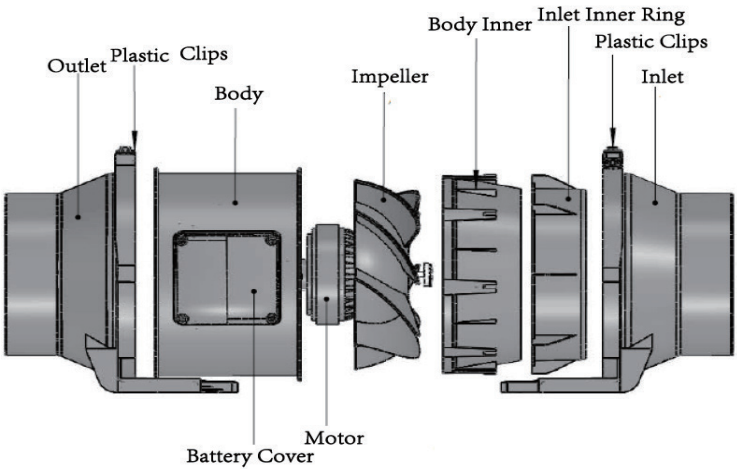
ENER-J

MIXED FLOW 3-SPEED IN-LINE DUCT EXHAUST FAN INSTRUCTION



Structure Chart



Model	Speed	Voltage Frequency	Current (Amps)	Power (W)	Speed (RPM)	Airflow (m^3/h)	Air pressure (Pa)	Diameter (mm)	Net Weight (kgs)
VF1013	H	230V/50Hz	0.130A	30W	2450RPM	280m^3/H	205Pa	98MM	1.7KG
	M	230V/50Hz	0.125A	27W	2050RPM	235m^3/H	144Pa	98MM	1.7KG
	L	230V/50Hz	0.120A	25W	1650RPM	188m^3/H	93Pa	98MM	1.7KG
VF1013	H	230V/50Hz	0.280A	51W	2600RPM	550m^3/H	340Pa	148MM	2.5KG
	M	230V/50Hz	0.200A	46W	2050RPM	440m^3/H	260Pa	148MM	2.5KG
	L	230V/50Hz	0.190A	42W	1650RPM	340m^3/H	230Pa	148MM	2.5KG
VF1013	H	230V/50Hz	0.590A	131W	2450RPM	850m^3/H	370Pa	198MM	4.1KG
	M	230V/50Hz	0.495A	114W	2050RPM	710m^3/H	259Pa	198MM	4.1KG
	L	230V/50Hz	0.440A	101W	1650RPM	572m^3/H	167Pa	198MM	4.1KG

Dismounting diagram



Apply to W100/150/200-01
Remove the left Clamping buckle



Apply to W100/150/200-01
Remove the right Clamping buckle



Apply to W100/150/200-01
Demolition Clamping buckle



Apply to W100/150/200-01
Remove the fan body

Unique card buckle design, make the center box stick to motor and impeller, without having to remove the pipe.The system can be carried out on the fan installation earrings disassembly

Easy to mount



Fix the support



Place the fan body



Carry the connections out

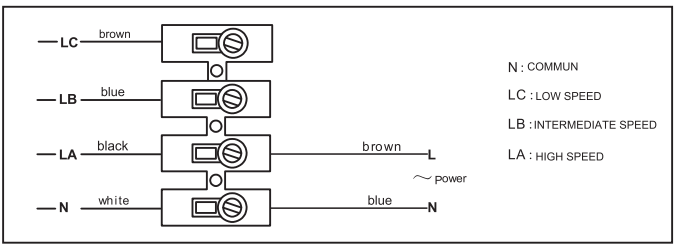


Couple the ducts

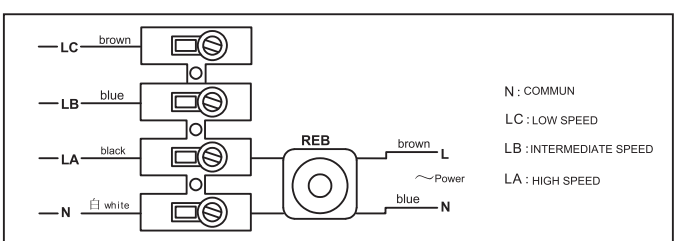
The low profile design of the range makes them the most effective Solution for installations where space is restricted .such as false ceilings.

Wiring Instrucion

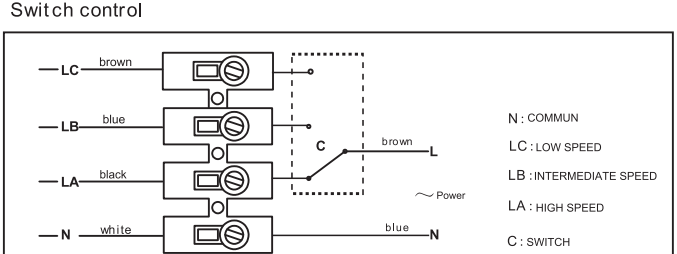
wiring diagram



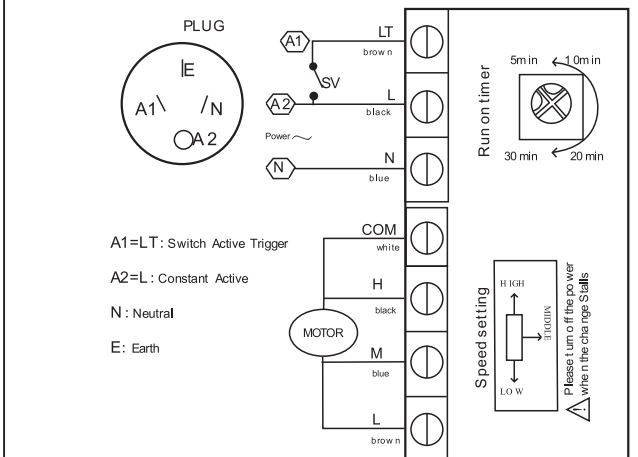
Wiring with REB soeed control



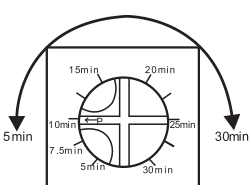
Switch control



Wiring with delay-time model



Run on timer Instruction



Run on timer

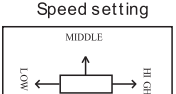
Control model Description:

1） Run on time com esp reset for 10min.

2） Can adjust delay-time between 5 min and 30min.

3） Arrow Point to the delay-time.

Speeder Instruction



Please turn off the power
when the change Stalls

Instructions Manual

Thank you for your purchase of the products of the company products. It has been manufactured following current technical safety regulations and in compliance with EC standard.
Please read this instructions booklet carefully before installing or starting up the product. It contains important information on personal and user safety measures to be followed while installing, using and carrying out maintenance work on the equipment.
Once the product has been installed, please hand in this booklet to the end user.
Check that the apparatus is in perfect condition while unpacking. Any fault or damage caused in origin is covered by the our company guarantee. Please make sure that the apparatus coincides with the product you have ordered and that the details on the instructions plate fulfill your necessities.

Transport and manipulation

The packaging user for this apparatus has been designed to support normal transporting conditions. The apparatus must always be transported in its original packaging as not doing so could deform or damage the product.
The product should be stored in a dry place in its original packaging, protected from dust and dirt until it is installed in its final location. Do not accept delivery if the apparatus is not in its original packaging or shows clear signs of having been manipulated in any way.
Do not place heavy weights on the packed product and avoid knocking or dropping it.

Important information for the safety of installers and user.

Installation must only be carried out by qualified persons.
Make sure that the installation complies with each country's current mechanical and electrical norms.
Once ready to use, the apparatus must fulfill the following standard:
Standard for LOW Pressure Installments 2014/35 EU
Standard for Electromagnetic Compatibility 2014/30 EU
Ventilators, or apparatus that include them, have been designed to move the air in the area stipulated on their characteristics plate.
This apparatus mist not be used in explosive or corrosive atmospheres.
If a ventilator is going to be installed to extract air from premises where a boiler or other combustion apparatus are installed, make sure that the building has sufficient air intakes to assure adequate combustion. The extractor outlet must not be connected a duct used exhaust smoke or fumes from any appliance that uses gas or any other type of fuel.
This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.

Safety during installation.

Make sure there are no loose elements near the ventilator, as they could run the risk of being sucked up by it. If it is going to be installed in a duct, check that it is clean of any element that could be sucked up by the ventilator.
When installing an apparatus, make sure that all the fittings are in place and that the structure which supports it is resistant enough to bear its weight at full function ng power.
Before manipulating the apparatus, make sure the mains supply is disconnected, even if the machine is switched off.

Check that the mains supply voltage and frequency values coincide with the stipulations on the characteristics plate.
The electrical installation must include a double pole switch with a contact clearance of at least 3 mm,correctly sized and in accordance with the electrical standards of the country of installation.
Please follow the connections diagram for the electrical connections.
If an earth connection is necessary, check that it correctly connected and that adequate thermal and overloading protection has been connected and adjusted to the corresponding limits.
If a ventilator is installed in a duct, the duct must be exclusively for the ventilation system.

Starting up.

Before starting up the machine,make sure that:
The apparatus is well secured and the electrical connections have been carried out correctly.
The safety devices have been adequately connected.
No loose material or fitting remains can be sucked up by the ventilator, If the ventilator has been mounted in a duct, make sure it is clear of loose material.
The earth fittings are adequately connected.
The electrical safety devices are correctly connected, adjusted and ready for use.
The wire and electrical connections inputs are correctly sealed and water-tight.
When starting up the machine, make sure that:
The propeller turns in the correct direction.
There are no abnormal vibrations.
If any of the electrical safety devices blow, the apparatus must be quickly disconnected from the mains supply. The whole installation should be carefully checked before trying to start up the machine again.

Maintenance.

Before manipulating the ventilator, make sure it is disconnected from the mains supply even if it has previously been switched off. Prevent the possibility of anyone else connecting it while it is being manipulated.
The apparatus must be regularly inspected. These inspections should be carried out bearing in mind the machine's working conditions, in order to avoid dirt or dust accumulating on the propeller, turbine, motor or grids. This could be dangerous and perceptible shorten the working life of the ventilator unit.
While cleaning, great care should be taken not to unstable the propeller or turbine.
All maintenance and repair work should be carried out in strict compliance with each country's current safety regulations.

Recycling.

EEC Standards, together with the responsibility we should assume with future generations in mind, oblige us to recycle all the materials we can. Therefore, please deposit all left-over material and packaging in their corresponding recycling containers and hand in the replaced machines to the nearest handler of this type of waste product.
If you have any queries about the products, please contact our after-sales service or your local dealer.

Prashant Sakhrani

Address : 6 Blackrod Close, Hayes,

London(UK),UB3 4QJ,UK .

Phone : 44 (0) 2085812555