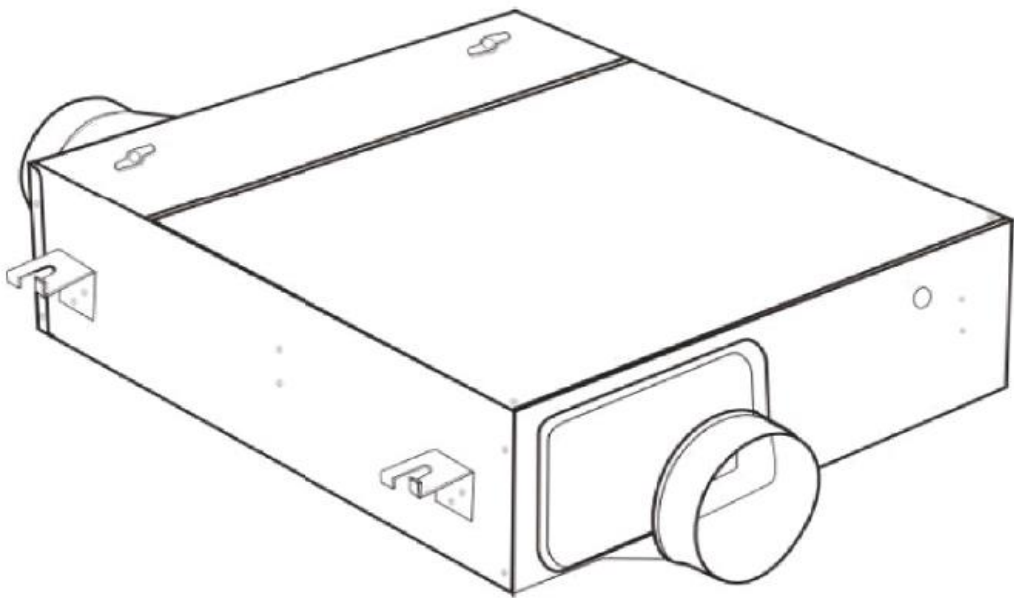




INSTRUCTION MANUAL

Fresh Air Supply Ventilator With UVC

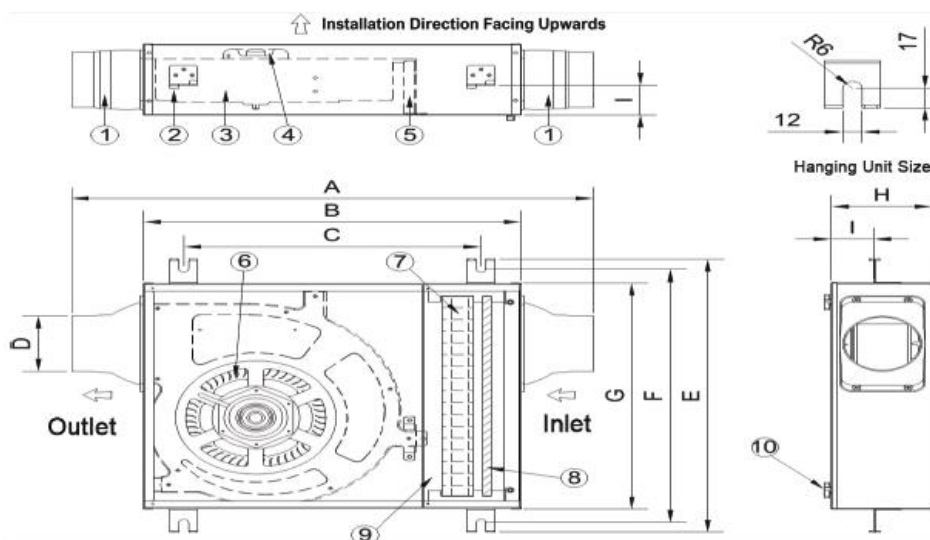


INTRODUCTION

Thank you for choosing this Fresh Air Supply Ventilator with UVC. Please read the instructions and warnings carefully before use to ensure safe and satisfactory operation of this product.

It is important to keep this instruction leaflet with the product for future reference. These warnings have been provided in the interest of safety. You **MUST** read them carefully before using the appliance. If you are unsure of the meanings of these warnings, contact supplier or the branch from which you have purchased the appliance.

VENTILATOR SCHEMATIC



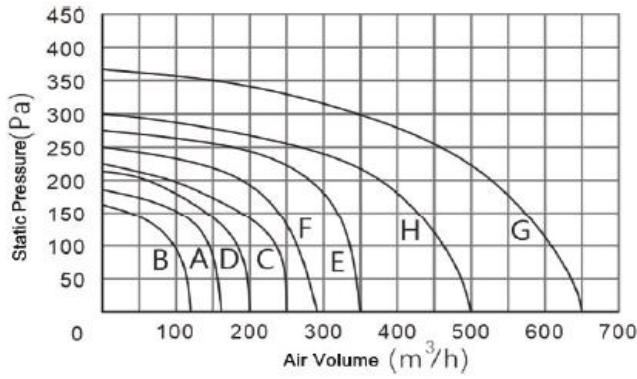
No.	Part Name	QTY.	No.	Part Name	QTY.
①	Inlet	2	⑥	Blade	1
②	Hook	4	⑦	HEPA Filter	1
③	Fan Housing	1	⑧	Pre-Filter	1
④	Motor	1	⑨	Cover	1
⑤	Bracket	1	⑩	M6 Screw	2

Model	A	B	C	D	E	F	G	H	I	Diameter (mm)
IN-180HFU	650	470	370	Ø98	482	447	400	126	53	Ø100
IN-450HFU	650	470	370	Ø145	482	447	400	200	100	Ø150
IN-750HFU	650	470	370	Ø195	482	447	400	251	140	Ø200

SPECIFICATIONS

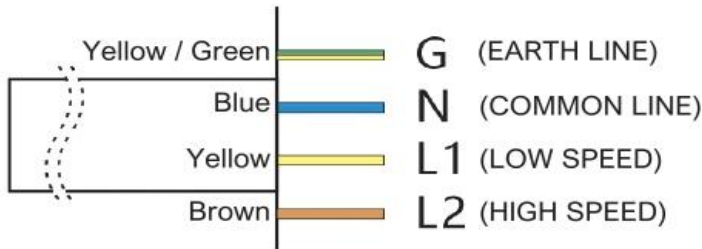
Model	Volt/Hz	Speed	Power (W)	Air Volume (m³/h)	Pressure (Pa)	Noise (dB)	Weight (kg)	Duct Diameter (Ømm)
IN-180HFU	230V~/50Hz	Hi	45	160	192	24	7.4	Ø100
		Lo	30	120	170	21		
IN-450HFU		Hi	75	350	270	35	9.5	Ø150
		Lo	55	290	250	28		
IN-750HFU		Hi	110	650	365	42	10.3	Ø200
		Lo	85	500	300	38		

*Remarks: The noise value recorded below is the noise value after taking over. The tolerance range is from +5dB to -7dB.



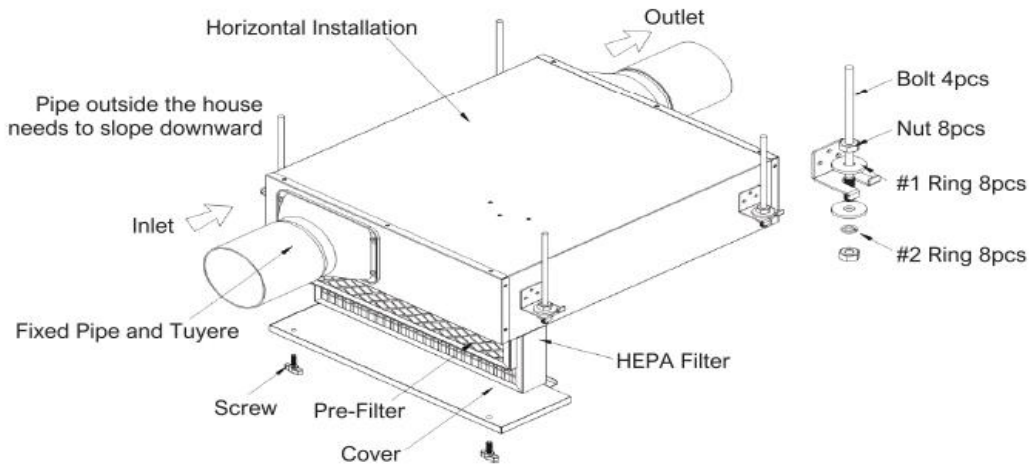
- A: DPT10-35J (Hi)
- B: DPT10-35J (Lo)
- C: DPT15-45J (Hi)
- D: DPT15-45J (Lo)
- E: DPT20-55J (Hi)
- F: DPT20-55J (Lo)

WIRING SCHEMATIC



Note: L1 and L2 cannot be connected parallel to each other.

INSTALLATION GUIDE OVERVIEW



Model	#1 & #2 Ring	Bolt & Nut
IN-180HFU	ø8.5 * ø25*1.5mm # 1 Ring / ø8.5 * ø1.56 #2Ring	M8
IN-450HFU		M8
IN-750HFU		M8

SAFETY PRACTICES

1. Make sure to choose the correct voltage before connecting to the power supply.
2. The wire must be as per the certified and approved specifications.
3. After connection, do not use your hands to adjust anything within the ventilation fan.
4. The ventilation fan not be installed in places exposed to any acids, alkaline, or explosive gases of any sort.
5. The yellow-green wire must be properly earthed.
6. The complete installation must only be carried out by a qualified electrician.
7. This appliance must not be used by people who possess any physical or mental weakness-es or disabilities. Children must also be kept away from this product.
8. The fuse outlet and ventilation fan isolators must be used as specified by local regulations. All wiring must be in accordance with the standards specified by local authorities.

MAINTENANCE

To reduce the risk of hazards such as fire, electrical shocks, or injury to persons, please observe the following:

1. Maintenance is to be performed only by qualified technicians in accordance with local codes and regulations.
2. Before servicing or cleaning the product, switch off the power at the service panel and lock the service panel to prevent the power from being switched on accidentally.
3. Routine maintenance is required to keep this product operating at peak performance and efficiency. Over time, the housing, air intake filter, blower wheels, and motor(s) will accumulate a buildup of dust, debris, and other residue.
4. Failure to keep these components clean will lower operational efficiency and performance, and also reduce the product's lifespan. The required time between cleanings depends on the product, location, and daily usage hours. On average, under normal usage conditions, the product should require a thorough cleaning every six (6) months.

CLEANING THE PRODUCT

To clean the product, follow the steps listed below:

1. Verify that the product has been disconnected from the power source.
2. Use a damp cloth, and a mild soap solution in warm water or a biodegradable degreaser, to wipe down the exterior components of the housing.
3. Remove the air intake duct(s) and the air intake filter(s) by removing the screws on the face of the air intake grille(s) or filter(s) in order to access the product's interior.
4. Thoroughly clean the air intake grille(s) or filter(s)
5. Thoroughly wipe down the motor, blower wheels, and blower wheel housings. Be careful to not spray the motor with a water hose.

6. The motor(s) require no additional lubrication. They are permanently lubricated and feature double sealed ball bearings.
7. To reinstall the product, reverse the procedures listed in the installation guide.
8. Reconnect the product to the power source.
9. Contact the supplier should there be any questions pertaining to the maintenance of the product.

inair