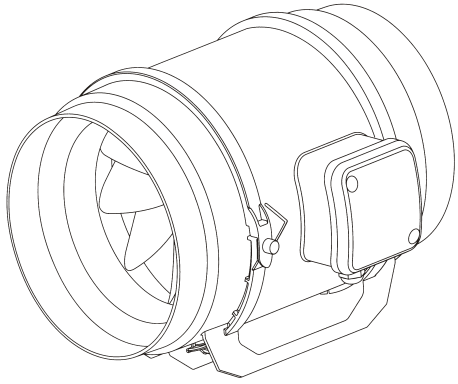


Maintenance

 When maintaining or cleaning this product, please turn off the power switch to prevent accidental electric shock.	 Never use chemicals to clean this product, as they may damage it.
 Remove dust from inside the unit using a brush or vacuum cleaner.	 Do not allow motors or other electrical components to come into contact with water, and avoid immersing plastic parts at 60° or more.

Note: If the power cord is damaged, it must be replaced by a qualified professional from the manufacturer or an authorized service department to avoid danger.

This product is not suitable for use or maintenance by individuals with physical, intellectual, or mental disabilities, or by those lacking experience or common sense (including children), unless under the supervision or guidance of a responsible guardian.



USER'S MANUAL

Inline Duct Fan

HX-0150-AV04

HX-0180-AV05

HX-0350-AV06

HX-0570-AV08

HX-1050-AV10

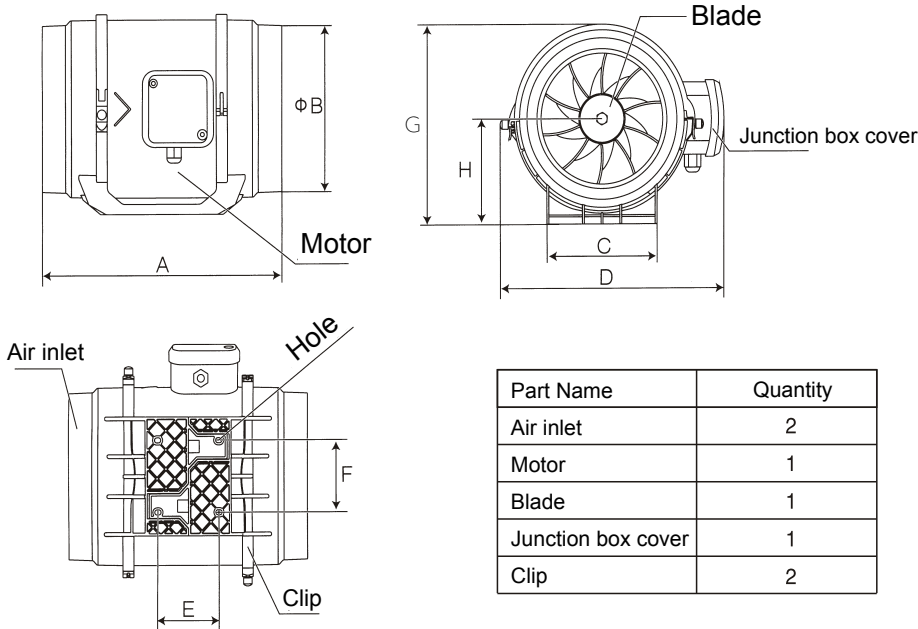
HX-1650-AV12

- Please read this manual carefully before use

Product overview

The inline duct fan features low noise, high air volume, and high static pressure, making it more suitable for most ventilation applications than axial or centrifugal fans. Its motor is easy to install, remove, and clean, and both the motor and fan blade can be disassembled without removing the entire fan or duct, allowing convenient maintenance in confined spaces. The fan can be installed at any end of the duct and at any angle, and multiple fans can be arranged in parallel to increase air volume or in series to increase pressure. It is widely used for ventilation in hotels, department stores, entertainment venues, and residential buildings.

Product parts name & size



Part Name	Quantity
Air inlet	2
Motor	1
Blade	1
Junction box cover	1
Clip	2

Model	Product Size (Unit: in)							
	A	φ B	C	D	E	F	G	H
HX-0150-AV04	11.81	3.94	3.94	8.43	2.44	2.36	7.17	3.74
HX-0180-AV05	11.81	4.92	3.74	8.43	3.15	2.36	7.48	3.74
HX-0350-AV06	11.54	5.91	4.72	9.33	2.83	2.76	8.31	4.33
HX-0570-AV08	11.97	7.87	5.51	10.16	3.07	3.35	9.25	4.88
HX-1050-AV10	15.08	9.84	7.09	11.73	4.69	3.62	11.46	5.98
HX-1650-AV12	16.26	12.40	8.66	14.33	5.00	5.51	14.30	7.44

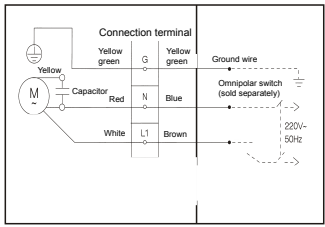
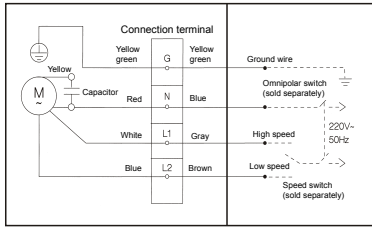
Note: If the design is changed, the data in the above table will be changed without prior notice. The exact size is subject to the actual product.

Specification

Model	Voltage	Airflow (CFM)	Rated Power (W)	Static pressure (WC)	Noise (dB)	Duct diameter φ (in)	N.W. (lbs)	Reference area (F ²)
HX-0150-AV04	115V~60Hz	106/169	36/42	0.72/0.88	25-30	3.94/0.98	8.75	86-172
HX-0180-AV05	115V~60Hz	147/235	36/42	0.76/0.96	27-32	4.92	9.72	86-194
HX-0350-AV06	115V~60Hz	218/353	69/72	1.00/1.20	30-35	5.91/6.3	10.69	194-388
HX-0570-AV08	115V~60Hz	325/573	76/100	1.12/1.41	45-50	7.87	15.06	366-819
HX-1050-AV10	115V~60Hz	664/1059	90/180	1.61/2.21	54-60	9.84	34.02	452-904
HX-1650-AV12	115V~60Hz	1174/1655	190/284	2.01/2.81	61-66	12.4	47.13	646-1292

Note: The performance value is the center value of the company's test results. The applicable area is calculated according to the number of necessary air changes per hour in the general living room of 5-10 times

Circuit drawing

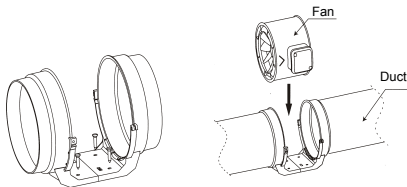


Note: Parallel connection of L1 and L2 is prohibited.

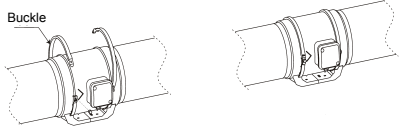
Installation

Fan body installation

1. Fix the base with screws
2. Connect the air duct and install the fan unit on the base



3. Fasten the buckle and fix the buckle with the screw by hand
4. Connect the power cord and turn on the power switch to confirm that the operation is not abnormal, and the installation is completed.



Installation Precautions

- Forbidden to install in high temperature places
 - Avoid installing in places with too much oil smoke or steam
 - Please set up ventilation and inspection ports
 - Installation height above 2.3 meters
 - Pipe connections are prohibited in the following situations
 - Must install tightly.
- Notice**
- Do not directly spray or clean the product with water or other liquids, otherwise it may cause short circuit or electric shock.
 - The product must not be installed outdoors, as this can lead to malfunction.
 - When connecting with the power supply, an omnipolar power switch with a contact gap of at least 1/8 inch must be installed, and all connections should comply with NEC (National Electrical Codes) or local electrical regulations.
 - Ensure that no gas can flow back into the room from open air passages or open flame equipment.
 - The product must be properly grounded to prevent electric shock in the event of a fault or leakage.