

Operation Instructions

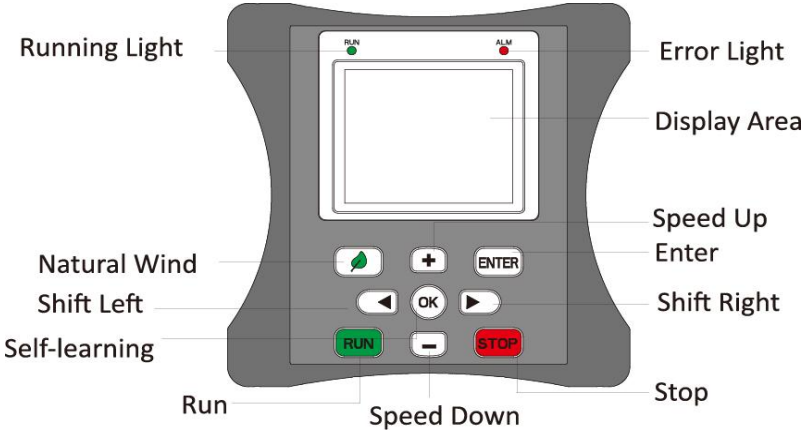
General
All figures herein are an exploded view in order to explain the installation and operation of the product. Please operate the product in strict accordance with this Operation Instructions.

- ▲Electric shock
Non-professionals are not allowed to repair, inspect or replace any part of the product in order to prevent electric shock.
- ▲Warning
Please make sure whether there is any obstacle in the air collector and whether the rotation direction is correct. The large mobile fan shall not operate in harsh environments, such as freezing, corrosive and explosive environments or environment with excessive dusty-gas concentration.
- ▲As most parts of the fan have been assembled in the factory, the user only needs to install the castor brackets and castors after receiving the product.
- ▲Operating Environment Requirements of SMCT PM VFD Large Mobile Fan
As the large mobile fan has a large air volume, the air inlet shall be as wide as possible; otherwise it may reduce the air volume.

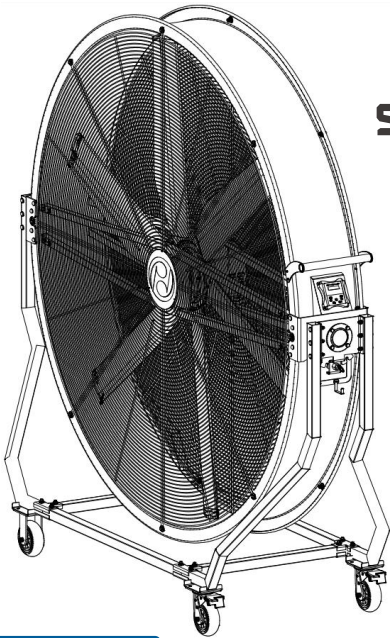
Parameters of SMCTPM VFD Large Mobile Fan

Model	Diameter (M)	Voltage Frequency (v/hz)	Power (W)	Rotating Speed (rpm)	Air Speed (m/s)	Airflow (m3/h)	Noise (dB)	Coverage Area (m2)
SMCT-2	2	120/ 60	1000	≤300	1-5. 5	80000	39	260
SMCT-1.5	1. 5	120/ 60	750	≤420	1-6. 5	55000	39	150

3. Operation of Control Panel



Attention: Do not touch the plug post within 15s after the power plug is removed. The inverter power needs to be discharged for 15s.



THE PM VFD
MOVABLE FAN

Product maintain
guarantee service card

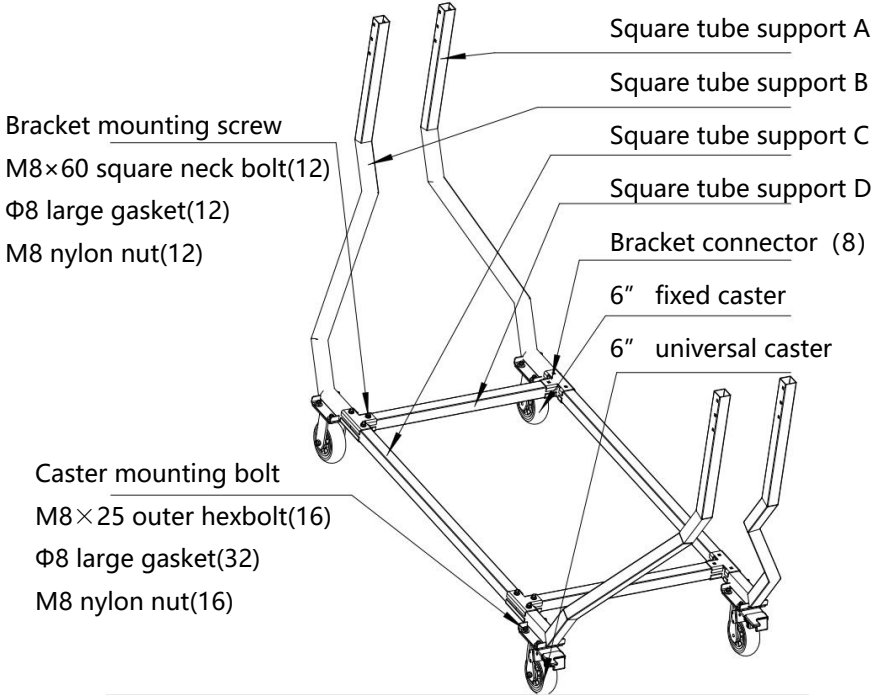
Product model		
Product No.	Date of leave factory	
User name	User phone	
User address		
User Comments		
Repair Record:		
Repaired by:		
Repair Date:		

1.Installation of Castor Bracket

List of Spare Parts

Name	Qty.	Name	Qty.
SquaretubesupportA(bent)	2	M8×60squareneckbolt	12
SquaretubesupportB(bent)	2	Φ8largegasket	44
SquaretubesupportC(1100)	2	M8nylonnut	28
SquaretubesupportD(700)	2	M8×25 outer hexbolt	16
6" universalcaster	2	Bracketconnector	8
6" fixedcaster	2		

As shown in the following figure, assemble the fan bracket properly without tightening the screws and fix the screws from bottom to top. The fixed casters must be parallel when to install the casters.

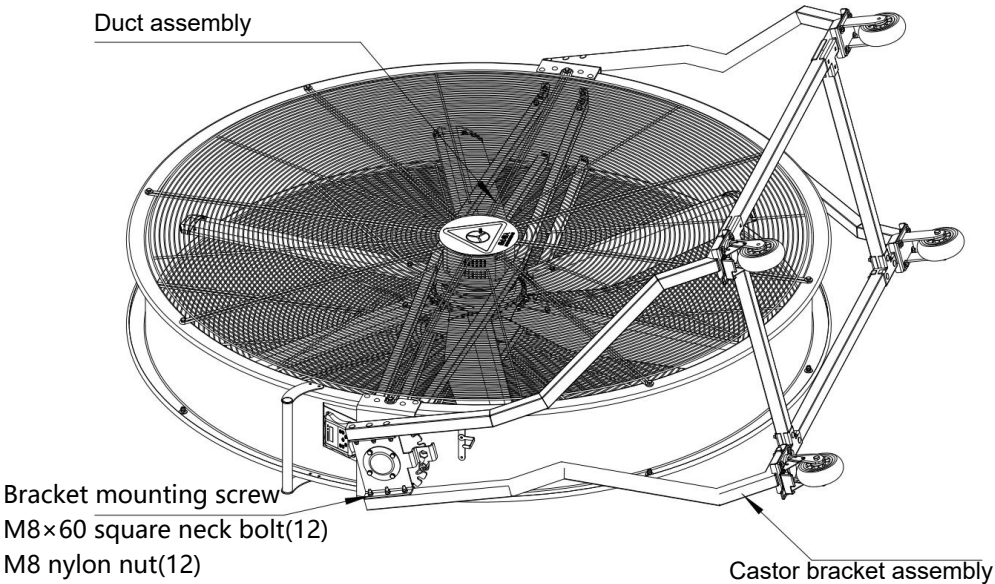


2.Installation of Castor Bracket Assembly

List of Spare Parts

Name	Qty.	Name	Qty.
M8×60squareneckbolt	12	M8nylonnut	12
Ductassemblycomponent	1	Castorbracketassembly	1

As shown in the following figure, place the air duct assembly flat, adjust the rotary seat at both ends to an angle of 15° upwards. Place the castor bracket assembly flat, insert it in the rotary seat at both ends. Install and tighten the bracket mounting screws, and meanwhile tighten the castor bracket assembly screws. After that, put the fan upright with the casters on the ground;



3.Adjust the angle by 45° front and rear (horizontal blowing angle 0°). There are total of 7 gears with 15° each gear.

