

USER MANUAL

DreamScreen CineVent Wall 180

Suitable Model

CV-W-180



Dear User

Thank you for choosing DREAMSCREEN products. Please read all the tips in this manual carefully before installing this product, in order to ensure the safety using, and prevent the unnecessary accidental injury or equipment damaged, please be sure to abide by it.

As the product specifications shown in this manual do not include the general manufacturing tolerances, the actual product may not be exactly what is listed.

Furthermore, this product is tested and measured under a strict controlled environment. There will be slight differences in performance if environmental conditions change.

Attention

Without prior written permission, it is strictly prohibited any form of reproduction, adaptation, or translation.

The information contained herein is subject to change without notice.

Warranty statements accompanying such products and services are clearly defined in the DREAMSCREEN's product and service warranties. Nothing herein shall be deemed to constitute an additional warranty. DREAMSCREEN shall not be liable for technical or editorial errors or omissions contained herein.

Without the express consent of DREAMSCREEN's and unauthorized alterations or modifications to the product, the user may lose the right to use this equipment.

DREAMSCREEN will be not responsible for any direct, indirect, incidental, secondary, or other damages caused by the provision or use of this information.

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Safety Precautions <must obey>

To avoid the unnecessary accidental injury and property damage, please must observe the following.

■ Following identification is to distinguish between the damage and the extent of the damage happened when ignoring the labeling content or operating wrongly.



Alert

The content of this column is Imagine a situation that could result in death or serious injury



Attention

The content of this column is Imagine a situation where injury or material loss may occur

■The content that need to observe is distinguished by the following pattern. (The following is an example of the pattern)









This pattern indicates | Prohibit | content.



This pattern shows \[\text{must be implemented} \] content.



Warning



Can't use for the open-burning appliances(heating)'s ventilation.

Special ventilation equipment is necessary when gas or oil heating furnace is used in the room.





Cannot switch off/on power with wet hand. Easily cause electric shock.

For maintenance other than the filter, please

contact the sales shop or specialist company.

It is easy to cause fire, electric shock or injury.

Prohibit



Prohibit

Self-modification, disassembly or repair is



prohibited. Easily cause a fire, electric shock or injury. Maintenance, removal and repair, blease contact the sales office, installation shop or the address written on this manual.



Please cut off the circuit breaker in the power box before maintenance.

Easily cause electric shock or injury.





Warning

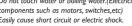
Do not insert the fingers or sticks into the Fan, or

Prohibit

its air supply and air outlet. Easily cause injury due to the internal rotor high speed.



Do not touch water or boiling water.(Electrical components such as motors, switches,etc) Easily cause short circuit or electric shock.







In order to prevent danger, qualified person is required to carry out the replacement work when the power cord is damaged.

Please contact the sales agent or installation shop.



explosion.

Please do not switch on/off the equipment when the flammable gas leaking. The spark of the switch is easy to cause gas

Prohibit



In case of falling, please remove after use. Easy to be left.

Warning

The machine did not take those users with low athletic ability, low sensibility, low intelligence, and insufficient experience or knowledge (including children) into consideration, so when the above people using this machine, their guardian must accompany and give the correct guidance. Take care of the children, do not let them play with the machine. Easily cause electric shock or injury.



Attention



Determine whether the machine is securely installed. Falling easily causes injury.





Parts are securely installed. Falling easily causes injury.

blowout or inhaled.





Should stop immediately when abnormal (sound,



vibration, sticky smell) happens, and waiting for repair. Easily lead to unexpected accidents.



Electrical appliances, piping, and equipment installation, please entrust professional personnel to carry out.

Warning

Improper installation can easily lead to unexpected accidents.



Animals and plants should not be placed on the

Will have adverse effects on plants and animals.

Prohibit



Prohibit

Do not place the burner on the air outlet. Easily lead to the insufficient burning.

Do not place obstructions near the air outlets

and return air inlet.Easy to cause injury when

Prohibit



Clean the filter regularly. The much dirt and dust attached on the filter easy to cause indoor oxygen deficit.

Prohibit



Please wear gloves when cleaning the filter. Vulnerable to injury.



Warning

Can not operate without the filter.
The dirt and blocked dust on the Heat Recovery
Exchanger will cause performance degradation,
and easy to enter the eye while dirt or dust enter
the room.



The drip of the internal water is easy to wet the house items.

Please contact the sales shop or repair shop.

Prohibit



Pay attention to the falling dirt, dust and insects when doing maintenance (remove the overhaul banel)

May enter the eyes.



Do not use flammable spray near the machine. It's easy to cause a fire.

Prohibit



Please confirm if for special use. It may result in deterioration of quality if under the following special conditions, food, plants and animals, precision instruments and the preservation of art.

Warning



Prohibit

Do not place containers of water on top of the unit.

When leaking, the inside of the unit will be flooded, and the electrical insulation will be damaged, easily cause electric shock.



Do not use volatile oil and metal brushes when cleaning antibacterial filter.

May cause the filter's damage, which is easy to make the dirt and dust to enter the room and eyes.



Turn off the circuit breaker for safety when not in use for a long time.

Easy to cause a fire if more dust accumulated.

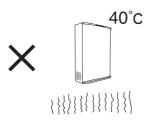
Warning

Safety Precautions <must obey>

- Do not use it in the following places
- The place with high temperature or very close to the flame.

Wall-mounted Multiple Filtered Heat Recovery Exchanger should be installed in the place where the surrounding temperature does not exceed 40 °C.

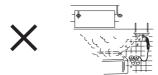
If under high temperature, it's easy to cause the deformation of the filter and heat exchanger or burn out the motor.



The place where the humidity is high.

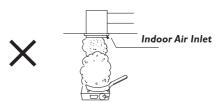
Please do not install in places with high humidity like bathroom or where the high-humidity steam is generated.

The dew appeared in the machine, easily leads to electric shock or short circuit and other electrical accidents, and also will cause dew dripping.



• The place where full of cooking oil fumes, such as Kitchen.

The filter or heat recovery exchanger can not be used if the oil is attached on it, and also easily cause a fire.



Please do not install this product and the indoor air vents nearby the Machinery Factory, Chemical plant, and research facilities, where easy to produce harmful gases, such as acid, alkali, organic solvents, organic solvents, and paints, as well as the corrosive gas.
(Gas poisoning, internal corrosion and deterioration, easy to cause a fire.)

Precautions for use

Prevent insects intrusion

Wall-mounted multiple filtered heat recovery exchanger is the machine that inhales the outdoor fresh air into the room. Therefore, it's possible to draw insects from the outside rain cover into the inside of the machine if there are insects in outdoor environment.

The rain cover with a protective mesh is recommended when in environments where there are many insects or there are lights around the exhaust vents because the insect problem is influenced by the natural environment.

Traits

■ Energy saving and ventilation

Effectively recover the lost heat generated by ventilation, and also can save the fees of using air-condition.

■ Energy-saving equipment

This product can greatly help to reduce the load of fresh air, so part of the heat energy can be recycled, and air conditioning equipment can be miniaturized.

■ Function of humidification

When refrigerating, the humidity of outside air will be reduced, so that the humidity of air sent into the room is close to the indoor humidity.

When heating, the humidity of outside air will be increased, so that the humidity of air sent into the room is close to the indoor humidity.

■ Ventilate stably

The change of indoor temperature is small when ventilating. Due to that the exhaust air and supply air is happening at the same time, so the air can be changed stably in a high-sealing room.

■ Effect of sound insulation

The air duct and heat recovery exchanger can insulate the sound effectively, so that prevent the outdoor noise from entering the room, or prevent the indoor sounds from transmitting to the outside. This will not disturb the office or store.

Precautions for use

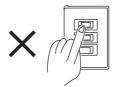
Filters is necessary

If there's no filter, the Heat recovery Exchanger will be filled with dirt and dust, and the performance will be degraded, even can not be used.



■ The switch conversing must be exact.

It will not only cause the wrong operation, but also bring adverse effect on the switch and internal relays when the switch is changed quickly.

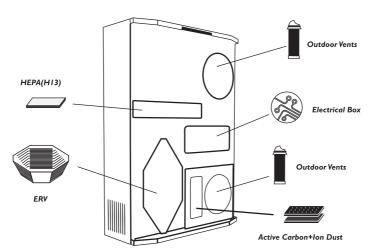


■ "Normal Ventilation" is prohibited, because it will cause dew condensation at the fuselage or indoor air outlets if "Normal Ventilation" is set for indoor heating in Winter.



Name of each part and usage

■ Name of each part



■ Usage

■ Heat Recovery Exchanger Ventilation

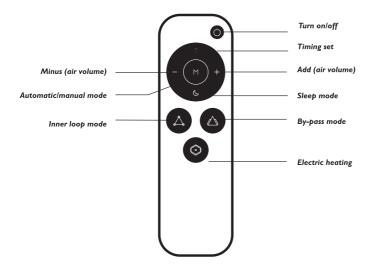
Exchange the out air with the indoor air by heat, so that can make the temperature and humidity close to the indoor, and then supply air into the room.

Normal Ventilation

Increase the amount of exhaust, and then discharge the indoor polluted air when there's air pollution in the room.

*Note: As the air displacement increases, the negative pressure will be generated in the room, and the outdoor air may enter the room directly from the gaps like door and window. Please do not start this function if you don't want outdoor air to enter the room directly from the gap.

■ Remote control instruction



Minus (air volume):

Press once, the air volume of both two fans will decrease by I. This action will have no effect on the fan, which is already on the lowest speed, but the air volume of other fan will decrease by I. This action will have no effect on both two fans if they are already on the lowest speed.

Add (air volume):

Press once, the air volume of both two fans will increase by 1. This action will have no effect on the fan, which is already on the highest speed, but the air volume of other fan will increase by 1. This action will have no effect on both two fans if they are already on the highest speed.

● Sleep mode:

Press once to open the sleep mode, the both 2 fans will automatically switch to low speed. When all sign lights on LED display is black, and only the sign of (Sleep mode) is displaying, press any button on the controller to wake up the screen, then the fan will back to work under automatic mode.

By-pass mode:

Press once to open the by-pass valve. The function is same as the by-pass module on LED screen. Press again, to close the by-pass valve.

Inner loop mode:

Press once to open the inner loop valve. The function is same as the inner loop module on LED screen.

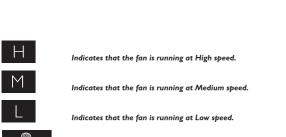
Press again to close the inner loop valve.

• Electric heating:

Press once to turn on the electric heating mode. The function is same as the electric heating on LED screen, and the heating process will be operated following the preset procedure. Press again to close the electric heating mode.

■ Round screen display





Indicates the current Air Quality: Red-Poor, Yellow-Good, Green-Excellent.

Indicates that currently this device is running at Automatic mode.

Umer Display the Status of Timing Function.

flow Display the Operating Status of Fan's Speed.

Display the Operating Status of Sleep Function.

Judgment and handling method when Anomalies happens

If it's considered a malfunction.

Please check according to the following table. If there's any abnormality, please turn off the switch, set the special circuit breaker as "OFF" status, and then contact the sales store and repair shop.

Problem	Solutions
Not work after turning on the switch. Not supply the air	 Does the circuit breaker trip? Is there a blackout? Is the filter clogged with dust?(Please maintain following the maintenance methods of each model.)

If the problem still can not be solved after taking the above solutions or some other problem happens, please contact the sales store.

Maintenance Method

- The maintenance of wall-mounted multiple filtered heat recovery exchanger
- If the equipment has been used or a long time, the filter will be clogged with dirt and dust, which will reduce the air exchange volume,
 easily to cause more louder noise. Please clean regularly according to the amount of attached dirt and dust.
- The air volume and filter efficiency of this product will reduce sharply if been used under harsh environment (the place full of dust).

 Please clean the filter and change it frequently, in order to ensure product's performance. If the environment continuously deteriorates, please switch to reduce the air volume or stop using this product to prevent the outside polluted air from entering into the room.
- Please cut the power before removing the access panel when maintaining.
- Please fix the ladder, wear gloves and then do the cleaning.
- ●Please pay attention to the falling of filter, screw, dirt, dust, and insects, etc.

Filter replacement cycle:

Filter replacement cycle (According to use environment): 3~12Months.

Safety Precautions <must obey>

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Alert

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Attention

The content of this column is Imagine a situation where injury or material loss may occur

■ The content that need to observe is distinguished by the following pattern. (The following is an example of the pattern)





This pattern shows 「Arise Attention」 content.









This pattern shows [Prohibit] content.



This pattern shows \[must be implemented \] content.



Alert



The installation must be carried out in accordance with the instruction strictly. Improper installation may cause electric shock or fire accident.

Warning



Do not use the power supply except 220V~240V, 40Hz~60Hz.

Easy to cause a fire, and electric shock.

Warning



Please do not make the metal duct to touch with the metal mesh, wire braid, and the wood on which the metal plate attached when it passes through them.

Prohibit

If electric leakage, easy to cause a fire.

Please switch off the circuit breaker in power box when maintain, checking and no using for a long time. Vulnerable to electric shock or injury.

Warning





The specification can not be changed or transformed absolutely.

Easy to cause a fire, electric shock or injury.



Warning

Please entrust the sales shop or specialized person to install.

If installed improperly, will easy to cause water leakage, electric shock, and fire.



Warning

The combustible gas and other exhaust gases should not be inhaled into the room through the outside air inlet.

Easy to cause a serious accident due to lack of oxygen in the room.



Warning

The outside air inlet should be installed in the location where the exhaust of wall-mounted multiple filtered heat recovery exchanger will not directly reverse.

Easily lead to indoor pollution, harmful to the health.



Attention



Please do not put the indoor air inlet at the place where easily to inhale high temperature or high humidity.

Easily affects the machine's internal working, which will lead to breakdown, electric shock and fire



Warning

Install the anti-bird mesh or similar items at the vent. Please remove if anything blocked, such as the bird's nest, etc.

Otherwise it's easy to cause indoor oxygen lacking.



Warning

Do not install on the infirm ceiling. When the stability of ceiling is not sure, please strengthened again to ensure sufficient stability. In addition, please do not install without following the instruction. Easy to cause injury if fall down.



Warning

Installed at the inside of heat-insulating space(or the space where the outside oir is insulated.) If installed in the outside of heat-insulating space(the space similar to the external air condition), the inside of host will dew in winter, which easily causes the electric shock or dripping.



Warning

The installation of electric wire must be strictly according to the electrical equipment technical standards and indoor wiring regulations.

The wrong wiring construction, can easily cause the electric leakage, electric shock and fire.



Prohibit

Please do not insert fingers or other things into the rotating part during operation.
Easily cause injury.



Prohibit

It's forbidden to use in places with water. Please do not install in the bathroom or other places with high humidity.

Easily cause electric shock or breakdown.



Warning

According to the location of the special circuit breaker, it is sometimes required to install a leak-proof circuit breaker.

It's easy to cause electric shock if not install the leak-proof circuit breaker.



The outside air duct should incline to the outdoor when installing.

It's easy to cause water seepage, wetting the indoor items if installed improperly.



Warning

Please install in a place where dirt and dust can not enter into the air duct when installing. It's easily lead to indoor oxygen lacking if too much dirt and dust attached on the filter.



The outside air duct extends to the indoor air duct to prevent dew condensation.

It's easy to cause water leakage inside the house and wet the indoor items.

Warning

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Warning

The parts used in installing must be specialized.(including accessories)

It's easy to cause the unit dropping, fire and electric shock if not using the specialized parts.

ll'ig



Do not install this product and indoor air inlet in a place where there's much oil fumes like kitchen. It's easy to cause a fire.

Prohibit



Please do not install this product and indoor air inlet in a place where the temperature is high or very close to the heat source.

It's easy to be hot and cause a fire.

Prohibit



Please make sure that all parts are securely installed.

It's easy to cause injury if falling.

Warning

Safety Precautions <must obey>



Attention



Please do not install this product and the indoor air vents nearby the Machinery Factory, Chemical plant, and research facilities, where easy to produce harmful gases and corrosive gas.

Prohibit

Gas poisoning, internal corrosion and deterioration, easy to cause a fire.



Please do not install this machine in a place where the indoor temperature is obviously lower then the outdoor temperature.

Easily lead to electric shock and breakdown.

Prohibit



Prohibit

Please do not insert fingers or sticks into the fan, air inlet or air outlet.

Please do not install in places with high humidity like

The dew appeared in the machine, easily leads to

electric shock or short circuit and other electrical

accidents, and also will cause dew dripping.

bathroom or where the high-humidity steam is

Easily lead to injury due to the high speed rotating inside the fan.

Prohibit



The specified cable is required to firmly connect the power cables with the connection cable. The connection part must be stable and firm, will not affected by external cables.

It's easy to be hot and cause fire if not connected or fixed stably.



Please do not install in a place where the flammable gas may leak. Easily lead to fire, if the leaked gas gathers around this machine.

Prohibit



Warning

Please pay attention to the center of gravity and weight when moving.

Easily lead to falling, and causing injuries if lifted improperly.



The power cable and connection cable should be installed firmly. The power cover should be compacted. If the power cover is not compacted, dirt and dust will enter into the machine, causing the terminal connection being hot, easily lead to fire and electric shock.



Please pay attention to the wheel rotation caused by against wind. Although the power has been switched off,

there's still a risk of been entangled in the rotation, and getting hurt.



Please do not reverse this machine or put overload on this machine like air duct. Falling easily leads to injury.

Prohibit



Please do not put eyes directly against the air outlet(especially when staring up). Dirty things may enter into the eyes.

Prohibit



Please confirm if for special use. It may result in deterioration of quality if under the following special conditions, food, plants and animals, precision instruments and the preservation of art.

Warning



Prohibit

Can not use for the open-burning appliances(heating)'s ventilation. Special ventilation equipment is necessary when gas or oil heating furnace is used in the room.

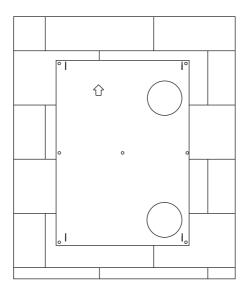


Please wear gloves or other safety appliance. Prevent from getting hurt.

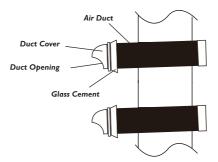
Warning

Installation of Wind Dcut

■ Remove the hanging plate (behind the ventilator) from the machine, and then take it to the wall for positioning and driling, at where the wall-mounted Ventilator will be installed. And the plate needs to be vertically with the floor.

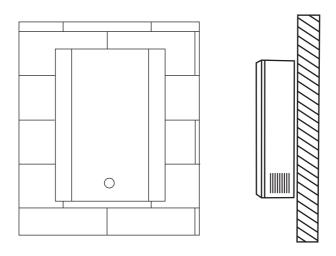


■ Installation of through-wall external air vents

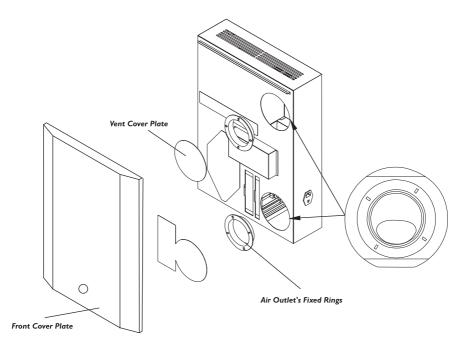


- The pipe must be inclined downward by 15°, when installing the external air inlet from the room.
- After the external air inlet is installed, a large foaming agent is sprayed at the gap between the wall hole and the pipe wall.
- Fix the hanging plate with M6 screws.

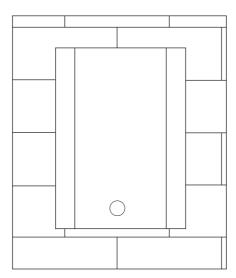
■ Install the wall-mounted Ventilator on the hanging plate (Which was just removed for positioning and driling).



■ Install the two air outlet's fixed rings on the outer air tube inside the ventilator, and fix them firmly.



- Firstly, remove the Front Cover Plate.
- Remove the two Vent Cover Plate.
- Install the two air outlet's fixed rings on the outer air tube inside the ventilator, and fix them firmly.
- After the wind pipe's fixing rings are fixed firmly, install the two Vent Plates, and Front Cover Plate one by one on the ventilator. After confirming that everything is completed, then connect the power and turn on the machine to check if the ventilator's operation is normal.



Trial Operation

- Please check the wire connection, and test this product's operation after finished the installation.
- Turn on the Fresh Air Ventilator, and check the display screen.
- If any abnormal conditions occurs, please check whether the wire connection is wrong (in order to prevent the electric shock, please turn off the power, and then check the wire connection).
- Please install the cover of electrical box well if there's no problem in trial operation.

Note:To avoid accidents, all the above steps must be carried out by professionals.

Disclaimer:

(DREAMSCREEN company) will do not take the responsibility for the accidents and injuries caused by improper installation.



WIODEL:
NUMBER:
USER NAME:
USERTEL:
USER ADDRESS:
STORE NAME:
STORE TEL:
DATE:

During the warranty period, failure occurs in normal use conditions, DREAMSCREEN promised ten-year warranty. In the following circumstances, DREAMSCREEN only provide paid service:

- I, Because of the earthquake, fire, flood and other natural disasters and power failures, pollution, erosion caused by chemicals.
- 2, Maintain, disassemble, or repair this product without following the instrustions provided..
- 3, Repair with using the parts, which is not from DREAMSCREEN company and also not authorized by DREAMSCREEN.
- 4, Change the original equipment installation place without any authorized permission.

WARRANTY CARD

www.dreamscreen.no.

Under granted factory certification, this product has been tested arrcording to the National relevant Technology Standards.

MODEL:

CERTIFICATE

QC: QC PASS NO.

DATE:

Maintenance Record Card Maintenance Records Maintenance Date ___Y__ M ___ D Maintenance Situation: Parts replacement: Maintenance Company: Maintenance Staff Signature: **Customer Confirmation Signature:** Maintenance Records Maintenance Date ___Y__ M ___ D Maintenance Situation: Parts replacement: Maintenance Company: Maintenance Staff Signature: **Customer Confirmation Signature:** Maintenance Records Maintenance Date ___Y__ M ___ D Maintenance Situation: Parts replacement: Maintenance Company: Maintenance Staff Signature: **Customer Confirmation Signature:** Maintenance Records Maintenance Date ___Y__ M ___ D Maintenance Situation: Parts replacement: Maintenance Company: Maintenance Staff Signature: **Customer Confirmation Signature:**

Maintenance Instructions

Dear user:

Thank you for purchasing our products. We will provide the following services for you when seeing the invoice or warranty card in accordance with the "Consumer Protection Law".

- I, 10-year whole machine warranty from the date of purchase.
- 2, The following situations do not belong to the free warranty scope:
- a.Can not provide the purchase invoice or warranty card; Modify the invoice or self-disassemble products.
- b.Damaged caused by force majeure (eg, fires, flood, earthquakes, lightning, icing, nuclear emissions, etc.)
- c.Not used in accordance with the instructions, or warning labels.
- 3, After the expiration of the warranty, the local special maintenance station will continue to provide the service, and appropriately charge the fees of replacing the original parts and components.

Note: Please properly keep the "Fresh Air Ventilation System Product Warranty Card" and "Maintenance Records" to ensure your legitimate rights and interests.