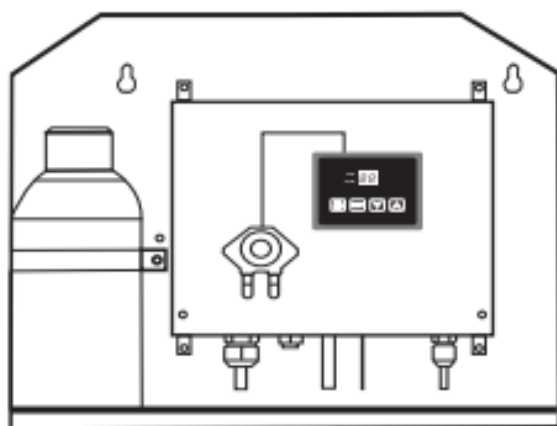


AROMA PUMP

INSTALL & OPERATION MANUAL

V1.1



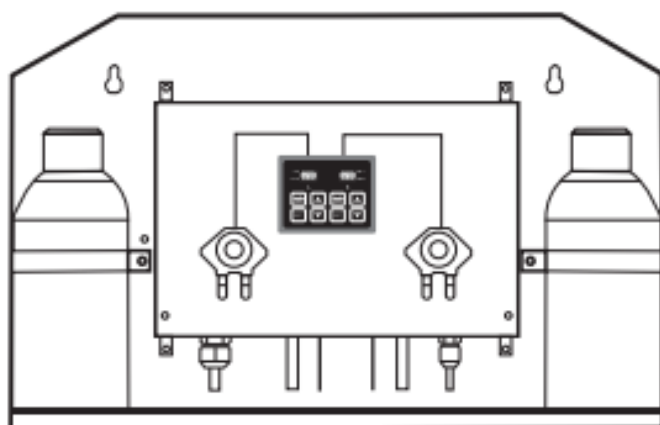
SS-SAP001-XX

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SS-DAP001-XX

DON'T WAIT! REGISTER NOW!

Register your product within 90 days to ensure your product is recognized as an official purchase and is eligible for warranty coverage.

Mail in the completed registry card (Pg. 2) or register online at www.swcorp.com/register.





PRODUCT REGISTRATION*

IMPORTANT: YOUR WARRANTY WILL NOT BE RECOGNIZED UNLESS THIS CARD IS FULLY COMPLETED AND RETURNED OR ONLINE REGISTRATION IS COMPLETED.

To ensure that your warranty is registered and confirmed please do one of the following:

1. **Register online at www.swcorp.com/register.** You will be asked to fill out the same information you would in the registration card. Registering online is fast, secure and ensures we receive your information.
2. **Complete, cut-out and mail the registration card below.** By returning this registration card we confirm the date of purchase for your new product. This confirmation will allow us to process any warranty claims.

Mail the card to: 5701 NW 35 Avenue, Miami, FL 33142



Product Registration Card

Name..... Address

City..... State..... Zip.....

Phone..... Email.....

Date of Purchase

Installer's Name..... Phone

I have read the Owner's Manual carefully and understand and agree that any installation, operation or maintenance of the product must be done strictly in accordance with instructions and guidelines contained in the owner's manual and installation guide.

Signature..... Date.....

Need help? For technical support call 305-614-4070!

Important information



⚠ Warning!

In case of any discomfort or adverse reactions, including dyspnea, irritation of eyes, nose, throat or buttock, please leave the room immediately and see a doctor.

Notice: Please post the above warning on the conspicuous position of the steam room.

⚠ Warnings: Do not use water-soluble perfume or emulsifier and acetaldehyde containing perfume. The above solution may cause damage to this machine.

⚠ Warnings: In order to prevent any damage to your health and any corrosion to the room made of acrylic or glass fiber, the aroma oil injected into the pipeline shall not be excessive.

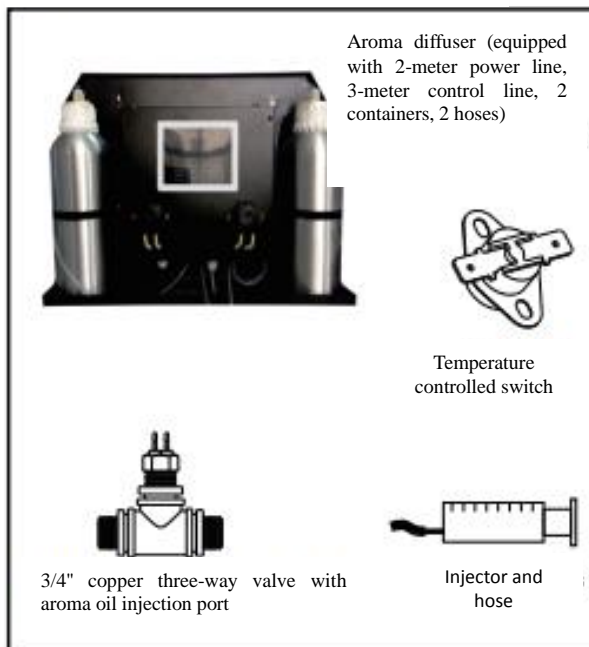
⚠ Warnings: The aroma may cause drowsiness and dizziness. Do not let children touch the aroma oil.

In case of eyes touching the aroma oil, rinse the eyes with plenty of water and follow the doctor's advice. In case of swallowing, wash your mouth with water (only when conscious) and see a doctor immediately. Mark and label the container containing the aroma oil.

⚠ Warnings: The aroma oil is inflammable, so please keep away from fire source as well as not smoke. Keep the container sealed and well ventilated.

Configuration and structure

Double pump



Single pump

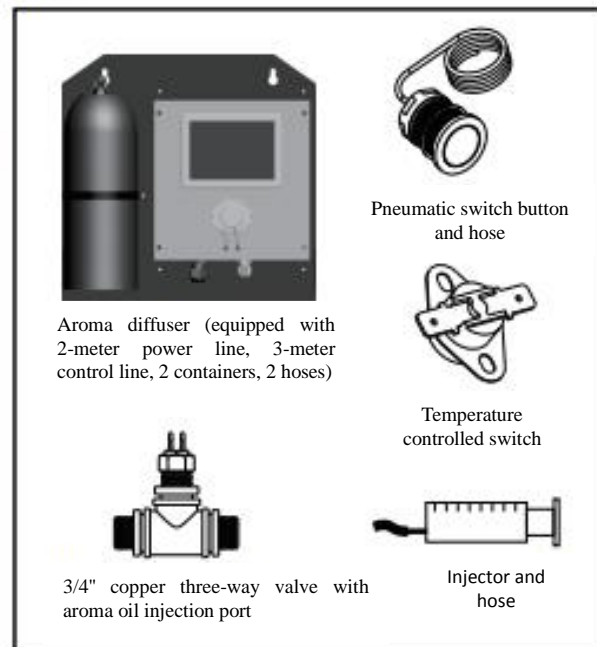


Figure 1: Configuration Diagram

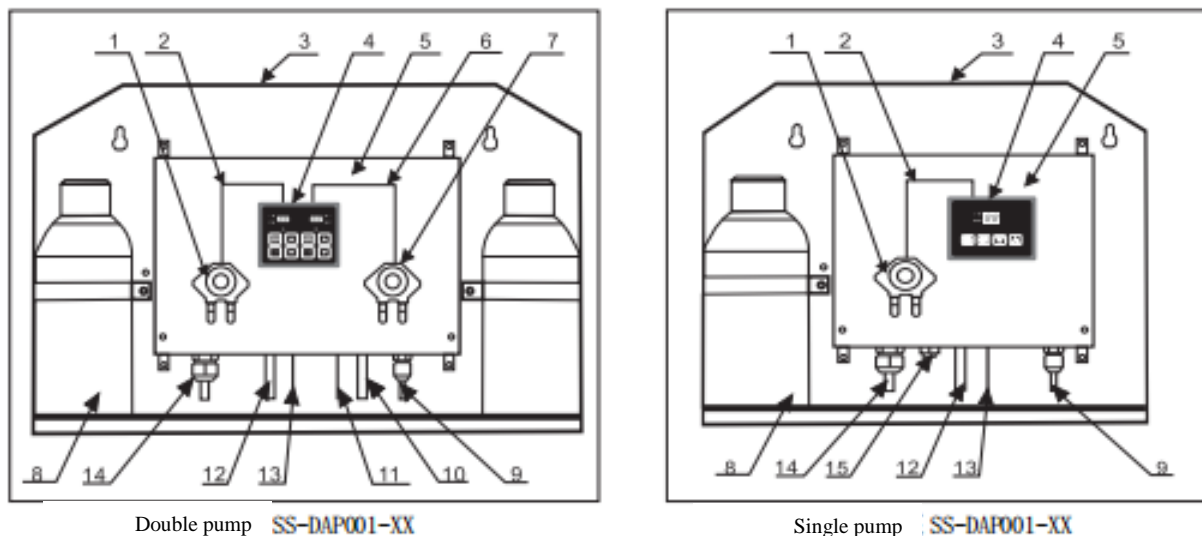


Figure 2: Configuration Diagram

- | | | | |
|-------------------|------------------|--------------------------------|-------------------------|
| 1. Pump A | 2. Pump A switch | 3. Mounting plate | 4. Aroma oil controller |
| 5. Housing | 6. Pump B switch | 7. Pump B | 8. Aroma oil container |
| 9. Control line | 10. Pump B inlet | 11. Pump B outlet | 12. Pump A inlet |
| 13. Pump A outlet | 14. Power line | 15. Pneumatic switch interface | |

Installation



Notice: There are three control modes in steam aroma diffuser: Controlled by a steam engine with a control aroma output (contact output); Controlled by an operating system consisting of pneumatic switch and temperature controlled switch; Operated and controlled by its own buttons.

- The steam aroma diffuser should be installed in a place where is convenient to observe, so as to monitor the consumption of aroma oil, and add and replace it timely.
- The aroma diffuser can only be fit for indoor use and must be installed in a dry and clean environment without moisture, condensed water or high humidity.
- The aroma diffuser should be installed in a vertical surface.
For single pump SS-SAP001-XX, two screws (ST5*20) with a horizontal distance of 200 mm shall be installed about 1.5m above the ground, and then mount the aroma diffuser. Refer to the Figure 8;
For double pump SS-DAP001-XX, two screws (ST5*20) with a horizontal distance of 260 mm shall be installed about 1.5m above the ground, and then mount the aroma diffuser. Refer to the Figure 9;
- The aroma diffuser cannot be installed in a place where water can freeze, and cannot be installed outdoors.

5. The aroma diffuser should not be installed a place where is close to flammable materials, materials with corrosive properties and chemicals.
6. The installation of aroma system should be easy to operate, and enough space should be left for maintenance and injecting aroma oil.
7. The system should be installed in a place where is not easy for children to touch, and you'd better install it in a special isolation room
8. The pump outlets on the aroma diffuser should be higher than aroma oil injection ports on the steam pipe, but should not be higher than 1.5 meters.

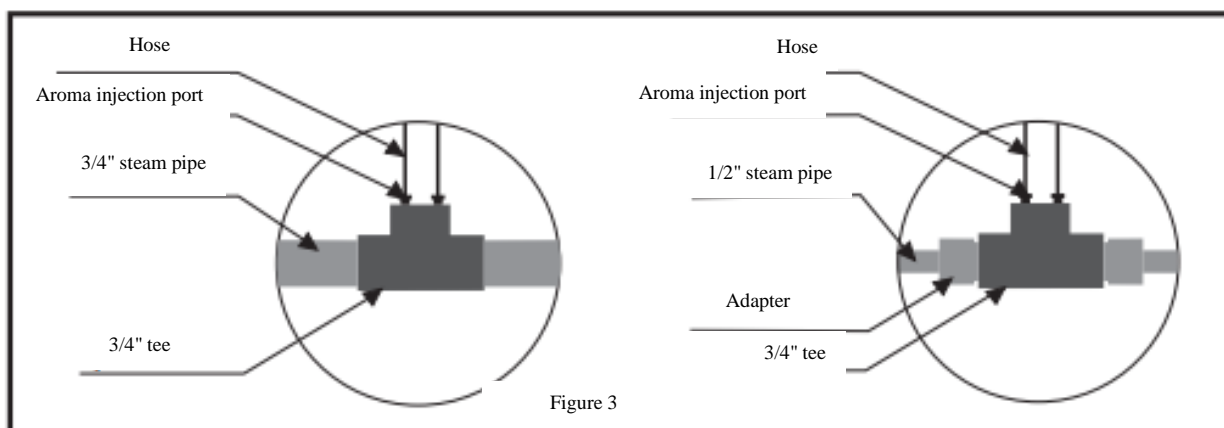
Notice:

- a. The aroma diffuser should not be installed in a place where is above or below the steam engine, because such places are easily affected by heat.
- b. The minimum distance between the steam engine and aroma diffuser should be 0.5 m, if not, please install a thermal insulation board or thermal insulation materials between them.
- c. The environment temperature should not be higher than 90 ℉, which is caused by the impropriety between aroma oil and high temperature.

Install an aroma injection port on steam pipe:

1. Installation on 3/4" steam pipeline: Use the 3/4" copper three-way valve for direct installation on the steam pipe.
2. Installation on 1/2" steam pipeline: Use the 3/4" copper three-way valve and adapter for installation on the 1/2" steam pipe.
3. Use the 3/4" copper three-way valve with aroma oil injection port for installation on the place within 2.5m from the steam jet. Please note that the aroma oil injection port should be vertical upward.
4. Polytetrafluoroethylene tape must be wound during installation to ensure the sealing.

Notes: In case that the heating mode of the system is not steam pipe, the users can voluntarily design the injection port as per the aroma oil conveying hose.



Installation of pneumatic switch button (only for single pump SS-SAP001-XX)

1. Open a \varnothing 32 hole on the steam room wall with a height of about 1.5m, which is easy to operate.
2. Install the pneumatic switch button as shown in Figure 4.
3. Connect the other end of hose to the pneumatic switch interface on the aroma diffuser as shown in Figure 2 and Figure 7. It is best to add a little glue to the hose and interface.
4. Notes: The gasket should be placed on the side of the button, and the hose should be avoided jamming and touching high temperature.
5. The installation steps of pneumatic switch button are only available while using the operating system of aroma diffuser consisting of pneumatic switch.

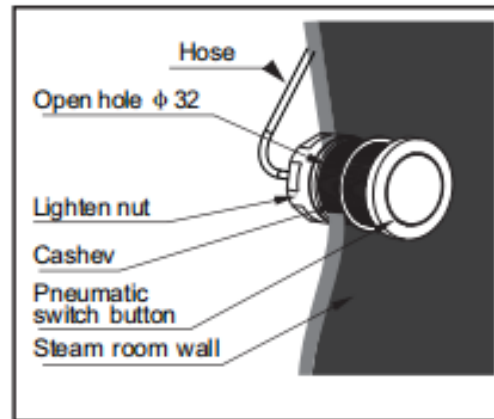
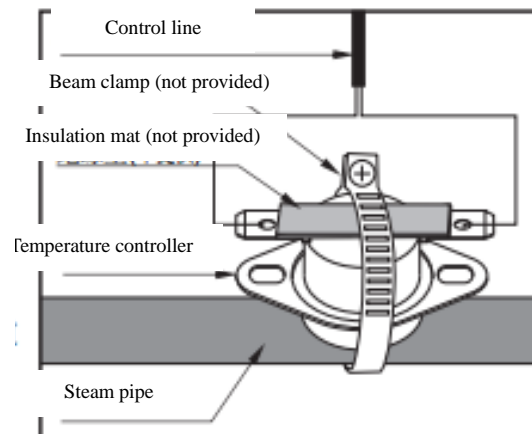


Figure 4

Installation of temperature controlled switch:

1. Fix the temperature controlled switch in a proper position with a beam clamp on the steam pipe (must be copper pipe) which is convenient for installation. Refer to the Figure 5;
2. As shown in Figure 5, add insulation mat on the temperature controlled switch firstly, and then fix the temperature controlled switch in a steam pipe with a beam clamp.
3. Connect the two inserts of control line and control switch.
4. The temperature controlled switch is normally open for 90°C (Normal Close) and only closed when there is steam passing through the steam pipe.



Picture.5

Installation of aroma oil conveying hose:

Lead the other end of the aroma oil conveying hose on the aroma diffuser to the aroma injection port installed on the steam pipe, and then plug it. Refer to figure 6 below.

⚠ Notice: In case of melting or damage, the silicone tubing should not be placed in ultra-high temperature area.

Installation of aroma pump system:

⚠ Notice: The aroma pump system is equipped with external cable plug and control cable. In case of any damage of the system and cable, it must be replaced by the relevant service agencies or professional personnel. All wiring must be conducted by licensed and qualified electricians.

Installation of double pump SS-DAP001-XX/ single pump SS-SAP001-XX:

When use the SS-BCT01BK control panel, you can connect the control line of the aroma pump with the control line from the sound box of SS-BCT01BK.

We should install the aroma pump as the following steps:

Installation of double pump SS-DAP001-XX:

1. First, the aroma pump should be fixed on the wall.
2. Second, install 3/4" three-way valve on the steam pipe.
3. Third, connect the silicone tube of aroma pump with the aroma oil injection port of 3/4" three-way valve.
4. Connect the control line of aroma pump with the relevant control line from the sound box.
5. Refer to the above-mentioned methods and install the temperature controller switch.
6. After the aroma diffuser is powered on, it is in standby mode, and the controller of aroma diffuser will display "- -"; when the steam engine is in the heating state, you can operate the steam engine controller to turn on / off the aroma system.

Installation of single pump SS-SAP001-XX:

1. First, the aroma pump should be fixed on the wall.
2. Second, install 3/4" three-way valve on the steam pipe.
3. Third, connect the silicone tube of aroma pump with the aroma oil injection port of 3/4" three-way valve.
4. Refer to the above-mentioned methods and install the pneumatic switch on the wall.
5. Refer to the above-mentioned methods and install the temperature controller switch.
6. The aroma diffuser will be in standby mode if its power cord plug is inserted into the socket providing power to it, and the controller of aroma diffuser will display "- -"; when there is steam passing through the steam pipe and the temperature is higher than 190°F, the temperature controlled switch will automatically open, so that you can operate the pneumatic switch button to turn on / off the aroma system.

Notice: The aroma pump system stops running when the temperature of steam pipe is lower than 190°F .

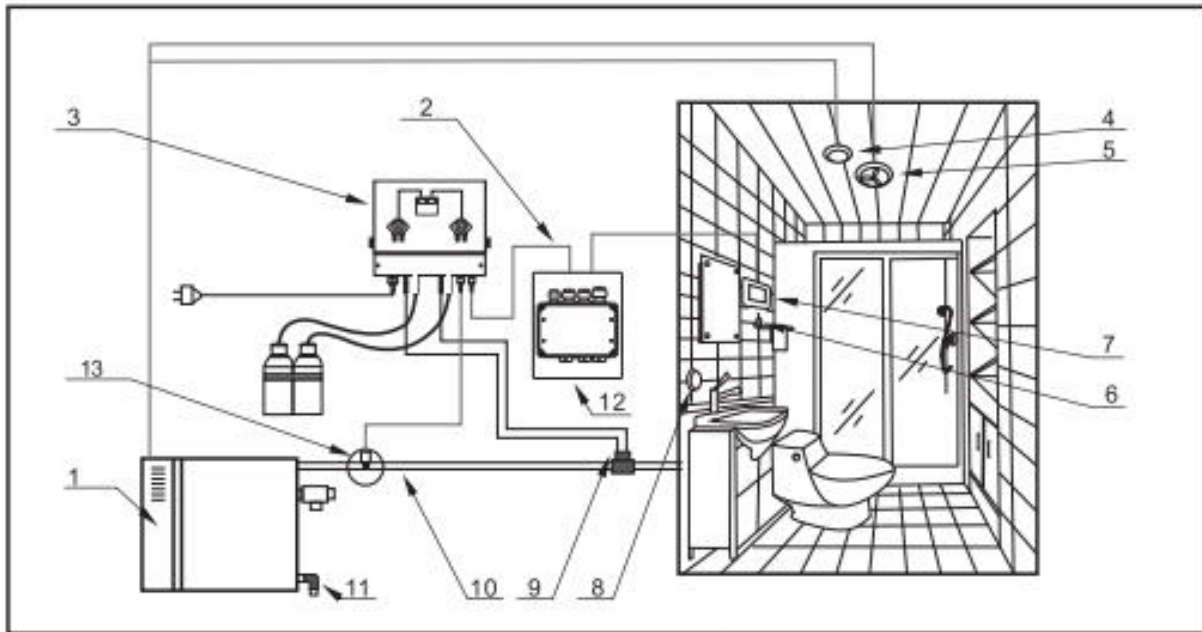


Figure 6 Installation Drawing of double pump SS-DAP001-XX Aroma Pump

- | | | |
|-----------------------------------|-----------------------------|-----------------------------------|
| 1. Steam engine | 6. Temperature probe | 10. Steam pipe |
| 2. Control line of aroma diffuser | 7. SS-BCT01BK controller | 11. Drainage pipe |
| 3. Aroma diffuser | 8. Steam jet | 12. Bluetooth sound box |
| 4. Sauna lamp | 9. Aroma oil injection port | 13. Temperature controlled switch |
| 5. Fan | | |

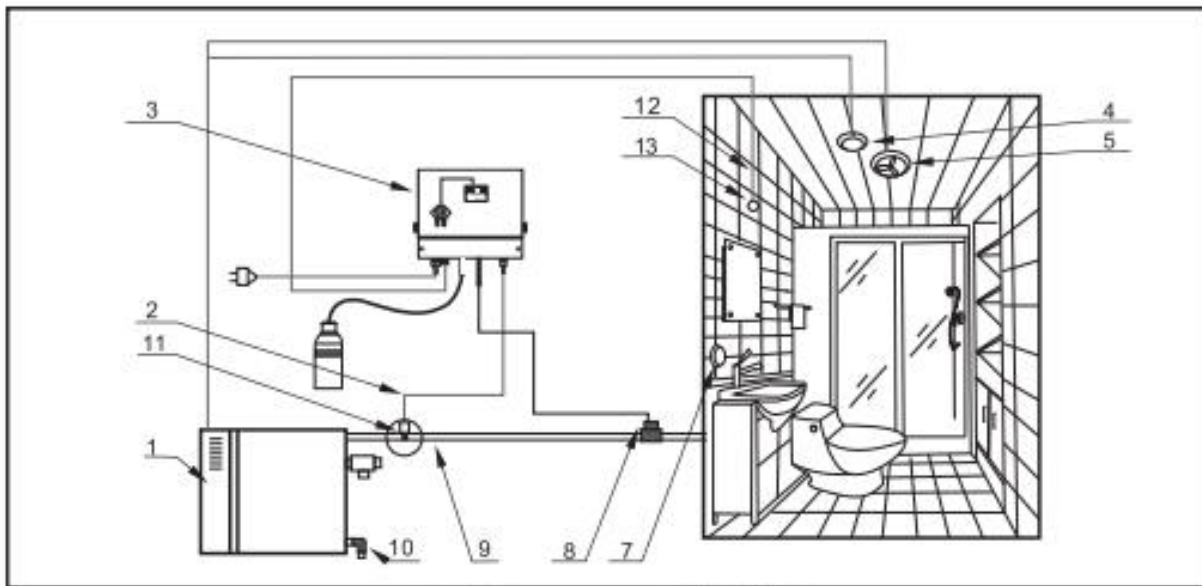
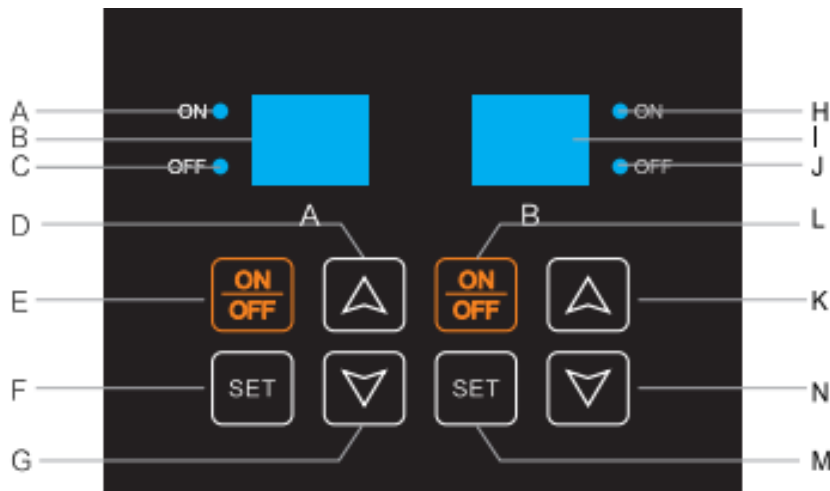


Figure 7 Installation Drawing of Single Pump SS-SAP001-XX Aroma Pump

- | | | |
|-----------------------------------|-----------------------------|-----------------------------------|
| 1. Steam engine | 6. Temperature probe | 10. Drainage pipe |
| 2. Control line of aroma diffuser | 7. Steam jet | 11. Temperature controlled switch |
| 3. Aroma diffuser | 8. Aroma oil injection port | 12. Pneumatic switch hose |
| 4. Sauna lamp | 9. Steam pipe | 13. Pneumatic switch button |
| 5. Fan | | |

Operation of double pump SS-DAP001-XX/ single pump SS-SAP001-XX:

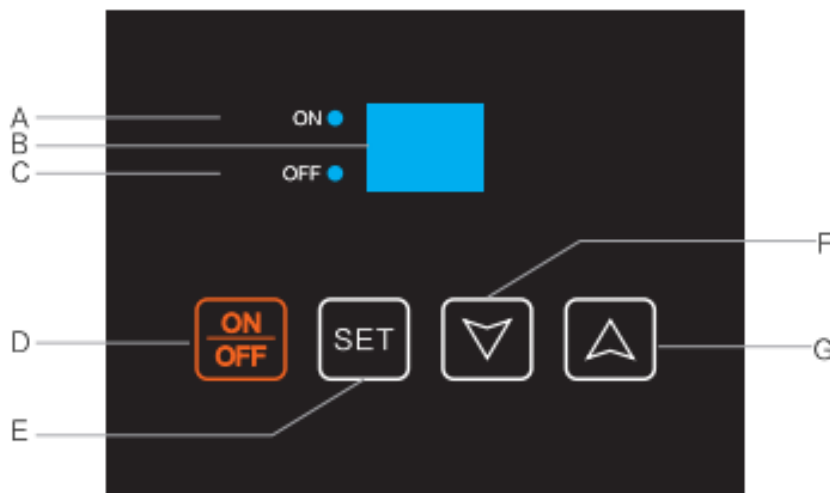
Characteristic: Such two pumps can be respectively configured to open and close, and such state can be saved by memory in case of power failure. The configuration parameter is equipped with memory function;



SS-DAP001-XX Double pump

A: Indicator light for opening time of pump A;
 B: Delay display window of pump A;
 C: Indicator light for closing time of pump A;
 D: Time increasing button of pump A;
 E: On-off button of pump A;
 F: Setting button of pump A;
 G: Time decreasing button of pump A;

H: Indicator light for opening time of pump B;
 I: Delay display window of pump B;
 J: Indicator light for closing time of pump B;
 K: Time increasing button of pump B;
 L: On-off button of pump B;
 M: Setting button of pump B;
 N: Time decreasing button of pump B;



SS-SAP001-XX Single pump

A: Indicator light for opening time of pump A;
 B: Delay display window of pump A;
 C: Indicator light for closing time of pump A;
 D: On-off button of pump A;

E: Setting button of pump A;
 F: Decreasing button of parameters;
 G: Increasing button of parameters;

Operation

1. Touch ON/OFF to open and close corresponding aroma pumps A and B; When open, the corresponding digital display window will be displayed while close, the display window will be turned off.
2. Standby mode: After pump A\B opens, if the temperature switch and button switch are not closed, it will be in standby mode, and the aroma pump will not operate, the display window will display "- -".
3. Opening countdown: After closing the switch of the aroma pump, if the pump A\B is open, the green indicator light of the opening countdown will be on, and the digital screen will display the opening countdown with a unit of second.
4. Closing countdown: After closing the switch of the aroma pump, if the pump A or pump B is open, the red indicator light of the closing countdown will be on, and the digital screen will display the closing countdown with a unit of minute.
5. Time setting of the opening countdown: Time setting range of the opening countdown: 1~9 second(s). Touch SET button, and the green indicator light of the opening countdown will flash and the display window will display setting of the opening countdown. Set it to delay 5 seconds, the green indicator will stop flashing, and then exit the setting.
6. Time setting of the closing countdown: Time setting range of the closing countdown: 1~10 minute(s). Touch SET button again, and the red indicator light of the closing countdown will flash and the display window will display setting of the closing countdown. Set it to delay 5 seconds, the red indicator will stop flashing, and then exit the setting.
7. Set parameter memory function: The system will save the memory after setting opening or closing countdown parameters. And the system will be operated as per the saved parameters when being powered.

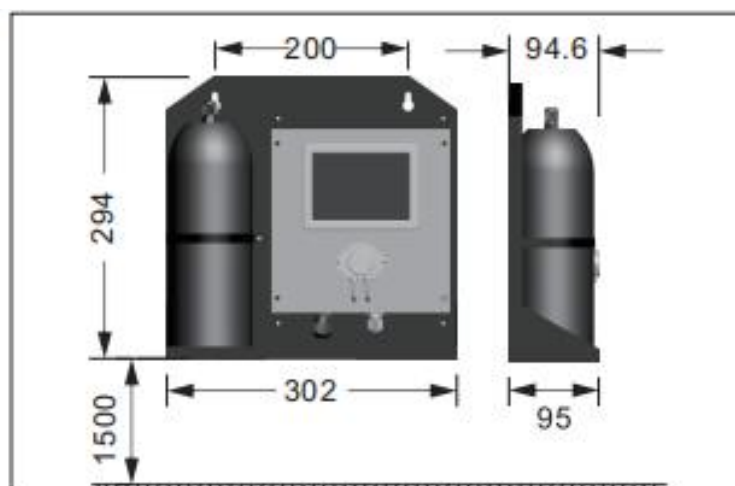
△ Notices:

1. If you choose the double pump, you can inject different essential oils into the essential oil bottles of pump A\B respectively, and turn on pump A\B according to your preference.
2. As for SS-SAP001-XX aroma pump, in addition to using the on-off button to start, it also needs to close the external temperature controlled switch and the pneumatic switch, after such operations, the aroma pump will pump out the essential oil.

Power supply: 110V-240V 50/60HZ

Motor voltage: 11VDC

Power: ≤ 6W



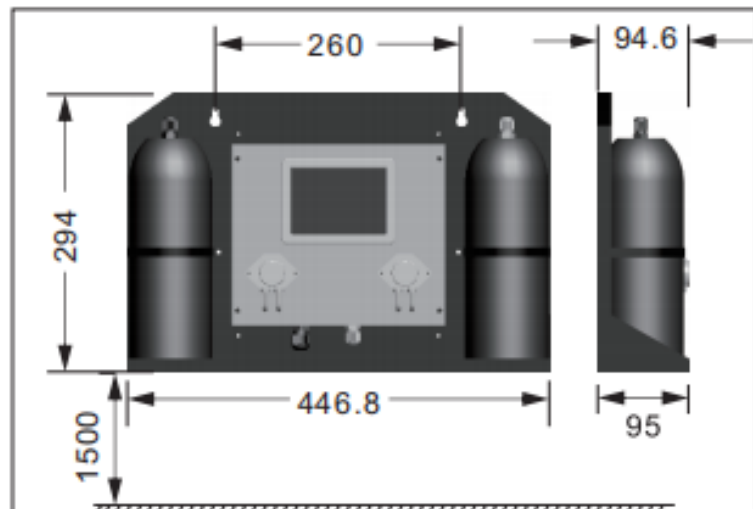
Picture.8 size drawing of SS-SAP001-XX aroma pump(unit:mm)

Technical data and figure

Power supply: 110V-240V 50/60HZ

Motor voltage: 11VDC

Power: $\leq 10W$



Picture.9 size drawing of SS-DAP001-XX dual aroma pump(unit:mm)

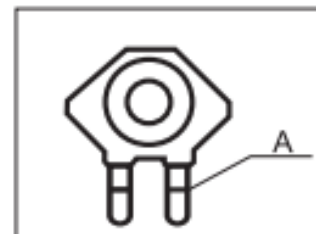
Inspection and repair of failure

⚠ Warnings: To avoid any injury caused by electric shock, unplug the power plug before the repair.

1. The controller fails to display: Check whether the switching power supply is powered by power supply and whether the output voltage is normal. In case of damage of switching power supply, please contact your dealer or manufacturer.
2. If the voltage input to the controller is normal without display, the controller may be damaged. Please contact your dealer or manufacturer in such event.
3. If the control panel of the aroma pump is in normal display, the motor of the pump head rotates, but the roller not, you can pull the output hose of the pump head, so as to help the pump head start again. Refer to the Figure 10.

If the aroma oil fails to be injected into the steam room, it is recommended to carry out following inspections:

- a. Check whether the switch pump A, pump B is started;
- b. Check liquid of the aroma oil container;
- c. Check whether the pump is running;
- d. Check whether the conveying hose is bent, knotted or cracked; if yes, straight it or replace.



Picture.10