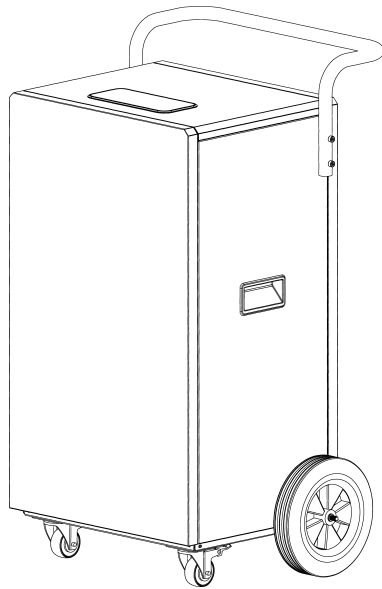


# Shinco<sup>®</sup>

## Operation manual

SGH-200P

200P Commercial dehumidifier



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## 1. NOTICE AND SAFETY INSTRUCTION

**Only use this appliance in accordance with the guidelines in the operating instructions. Any other use not recommended by the manufacturer could result in fire, electric shock or personal injury.**

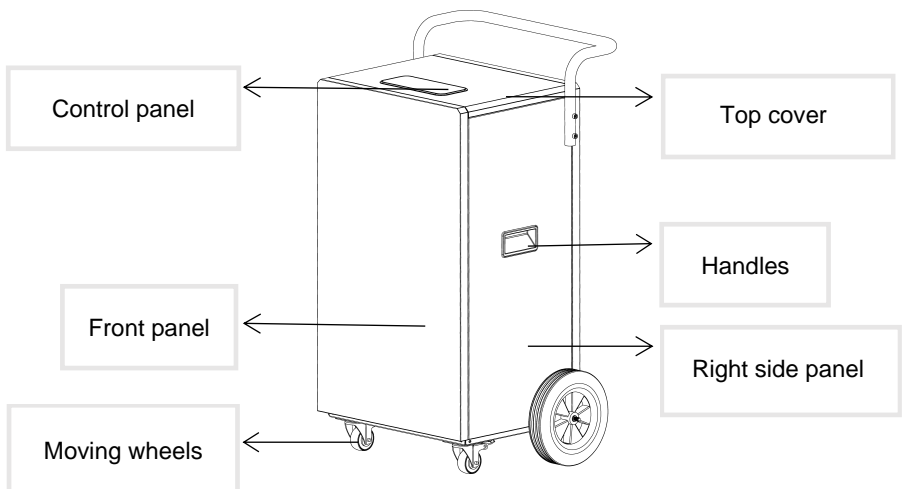
1. This appliance is intended for indoor dehumidification only and must not be used for any other purpose.
2. Remove the packaging and make sure that the unit is not damaged. If in doubt, do not use the appliance and contact the seller.
3. If the unit has a defect, switch it off and contact the seller.
4. If the power supply cable is damaged, please contact the seller in order to avoid all possible risks.
5. Always and only contact the seller for any repairs.
6. Before connecting the appliance to the mains, check that the type of current and mains voltage correspond to the specifications on the appliance rating plate. The appliance should be installed in accordance with the relevant national wiring regulations.
7. The electrical socket in which you connect the unit must not be defective or loose and must be suitable for the required current load and, above all, reliably earthed. If in doubt, have your electrical installation checked by a qualified electrician.
8. Avoid using an extension cord as it could overheat and cause a fire.
9. It is forbidden to adapt or modify the characteristics of this appliance in any way and use only spare parts and accessories recommended by the manufacturer. **(Non-compliance will result in the loss of the guarantee and warranty)**
10. **Do not allow children to play with the appliance.**
11. **Do not allow children to play with the packaging.**
12. **THERE IS A RISK OF SUFFOCATION IF SMALL PARTS ARE SWALLOWED!**
13. **Children under the age of 8 and persons with reduced physical, mental, sensory or spiritual capabilities or lack of experience and knowledge should not use this appliance unless they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.**

14. Do not leave the appliance unattended. If you leave the room, always switch off the appliance.
15. Do not twist or bend the power cord.
16. Do not use the appliance with wet hands.
17. Do not use the appliance outdoors.
18. Never cover the appliance.
19. Do not operate the appliance in areas where gas, oil or sulphur are present.
20. Do not use the appliance near water or strong jets of water, e.g. in flooded basements, next to swimming pools, bathtubs or showers. Do not place the appliance in water or other liquids.
21. Make sure that no water enters the unit.
22. Do not place the appliance near heat sources (e.g.: next to heating systems) and avoid direct sunlight.
23. Keep a minimum distance of at least 50 cm from flammable substances (e.g. alcohol) or pressurised vessels (e.g. spray containers).
24. Do not place heavy or hot objects on the appliance.
25. Do not place sticks or hard objects in the appliance to avoid faults or damage. In case of any abnormality (e.g. burning smell), switch off the appliance and unplug the power cord.
26. Place the appliance on a stable and level surface. Please place the appliance on a flat, open surface and keep a distance of at least 50 cm between the appliance and surrounding objects.
27. Never insert fingers, pins or other objects into the unit and make sure that the air inlet and outlet are never blocked.
28. When inserting the drip hose, always make sure to press it firmly into the dehumidifier.
29. The operating temperature is between 5°C and 32°C.
30. **PLEASE NOTE** The dehumidifier has an automatic defrost function. If frost forms on the evaporator coil, the compressor switches off automatically, but the cooler continues to run until the frost dissipates. When the coil is completely thawed, the compressor starts automatically and dehumidification continues.
31. Unplug the appliance when not in use.
32. Always switch off the appliance before unplugging it from the mains.
33. Do not pull the power cord to disconnect the appliance from the mains. Always pull the plug to unplug the mains cable.

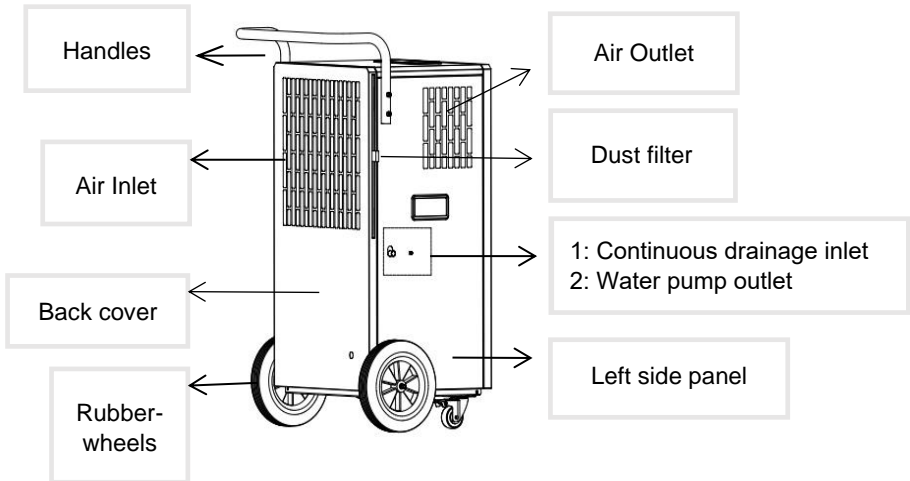
34. Do not handle the plug with wet hands to avoid electric shock.
35. Store the appliance vertically in a safe, dry place out of reach of children when not in use and do not cover the appliance with plastic packaging.
36. Keep the appliance in good condition by maintaining and cleaning the appliance. If you have any questions about maintenance, you can contact the seller.
37. Do not use insecticide sprays or other flammable substances near the unit.
38. Do not scratch the exterior of the appliance with sharp objects.
39. Do not spray oil or water into the unit. Do not clean the unit with water, but only wipe it with a soft, semi-moist cloth.
40. Do not wipe the machine with chemical solvents such as benzene, petrol, alcohol, etc. If the machine is very dirty, use a neutral cleaner.
41. Do not turn the machine upside down.

## 2. DESCRIPTION OF THE DEVICE:

### Front

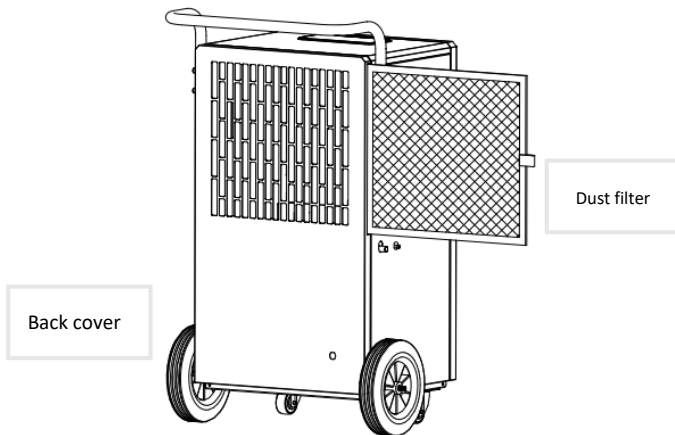


## Back side



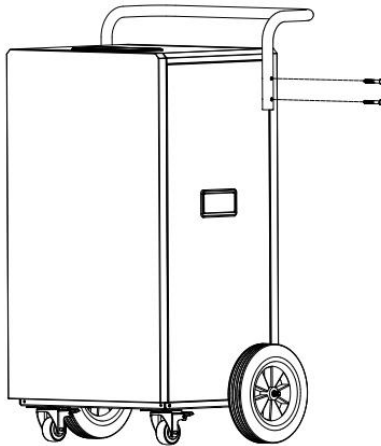
## Insert the filter

- Insert the filter into the rear housing so that the filter cleans the air.
- The filter can be removed by pulling it as shown in the illustration below and inserted back into the unit.



## Handle mounting

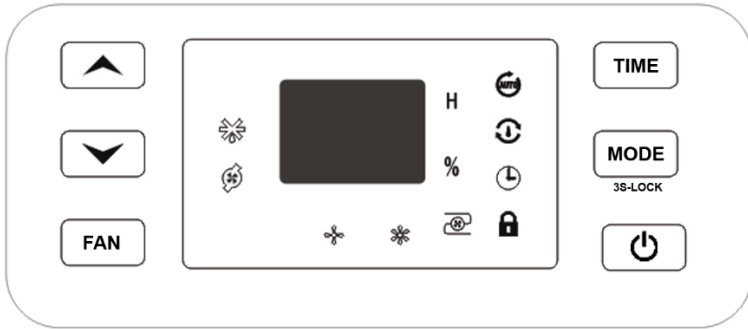
- Secure the handles to the unit with the enclosed hexagon socket screws (ST6 x 45).
- Fix the handle and screw the four screws alternately into the four holes on the left and right side.
- The handle is now mounted.












## Transport wheels

For easier transport, the unit is equipped with transport wheels. Place the unit on a level and firm surface. The distance to walls or other objects must be at least 50 cm. Before using the unit, make sure that both the air inlet and the air outlet are free of obstacles and not blocked. Connect the appliance to an earthed socket.

## Control panel



## Control indicators

- |   |                              |
|---|------------------------------|
|    | defrost program activate     |
|    | pump activate                |
|    | low speed                    |
|    | high speed                   |
|    | pump error                   |
|    | continuouse dehumidification |
|  | auto dehumidification        |
|  | Timer                        |
|  | children lock                |

## Operation

- **ON/OFF-Button:**  
Press this button to turn the device on and off.

- **MODE-Button:**  
In the turn-on state or in the timed state, you can use this key to select between the automatic dehumidification and continuous dehumidification operating modes.
- **Child lock:**  
Press and hold the MODE button for 3 seconds to activate the key lock. Hold this button again for 3 seconds
- **TIMER-Button:**  
Press this button to enter the timer function.
- **FAN-Button:**  
Press this button to change the fan speed, you can choose between a high or low speed.
- **UP/DOWN-Button:**  
In the automatic dehumidification mode, you can set the humidity with the UP/DOWN key. The setting range for the humidity is 30-80%.

### 3. FUNCTIONAL DESCRIPTION

#### Setting for automatic switching off

While the device is running, press the TIMER-Button to enter the timer setting. With the timer-button you can set the time from 0 to 24 hours, each time you press it, the set time increases by 1 hour. If the timer button does not move within 5 seconds, it means that the time is confirmed. Once the set time has elapsed, the device automatically turns off.

#### Settings for automatic switch on

In the standby state of the device, press the timer key to enter the timer setting. Set the desired time with the timer button in the same way as when the timer is turned off. If the timer button does not trigger any action within 5 seconds after completing the setting, it means that the time is confirmed.

#### Automatic dehumidification mode

For automatic dehumidification, activate the option with the MODE-Button. If the room humidity is  $>$  set humidity + 5%, the compressor starts and the fan runs at the set air speed. If the room humidity is  $<$  set humidity - 5%, the compressor will stop and the fan will not run. If the room humidity is between set humidity + 5% and set humidity - 5%, the whole unit runs in the initial operating condition. The initial value of the set humidity is 50%.

Note: With this model, the compressor switches off when the room humidity is less than -5% of the set humidity, the fan continues to run at the set air speed.

### **Continuous dehumidification mode**

For continuous dehumidification, activate this option with the MODE-Button. Then the compressor will start regardless of the relative humidity in the room, the fan will run at the highest speed by default and the fan speed can be adjusted.

### **Child lock function**

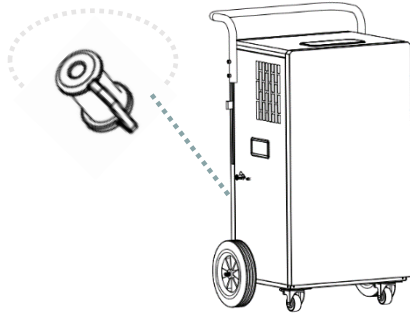
Press and hold the MODE key 3 sec. to activate or deactivate the key lock. (All buttons on the control panel are disabled when the key lock is activated).

## **4. APPLICATION**

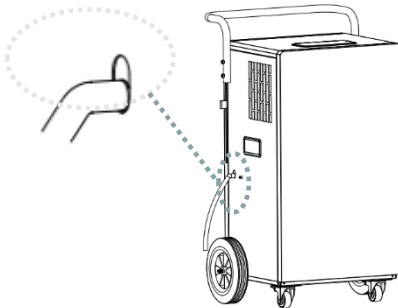
### **Dehumidification**

The appliance is continuously dehumidified and the drain hose (12 mm inner diameter) is attached to the side of the device to drain the water.

Look for the water drainage connection on the left side and pull out the water stopper.

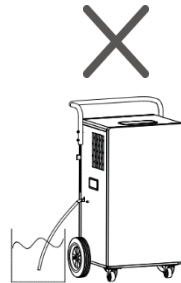
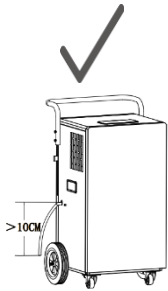


Connect a drain hose with 12 mm inner diameter to the water drainage connection.



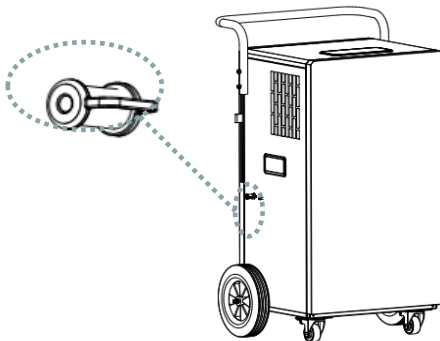
The following figure illustrates the connection of a continuous dehumidification.

**Note:** Before operating the device, make sure that the water plug is removed and the drain hose is connected to the drain connection. The height of the water pipe end must be at least 10 cm below the height of the unit's connection, and the hose must be smooth and not kinked, otherwise it will not drain properly.

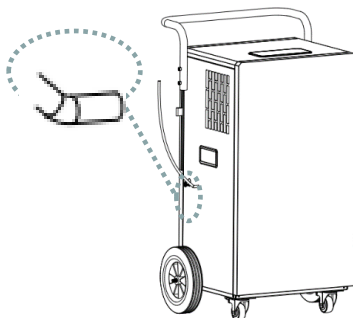


### Dehumidification with the water pump

Check that the water plug is removed and that the outlet is not blocked.



Insert a water hose with an inner diameter of 5 mm into the water drainage connection of the pump (access is possible at any angle).



## Note

- Before starting the unit, connect the water connection to the continuous water connection and connect the hose to the pump connection so that the floor does not get wet.
- **Tip:** Before using the unit with the continuous dehumidification pump, you must pull out the water plug and connect the waste water hose to the continuous dehumidification connection.

## 5. CLEAN THE DUST FILTER

To ensure efficient operation of the dehumidifier, you should clean the dust filter after each week of operation. To do this, please follow the steps below:

1. Switch off the appliance before cleaning, then wait a few minutes and unplug the appliance to disconnect it from the mains.
2. Remove the inserted air filter.
3. Use a Vacuum Cleaner to remove the dust accumulated on the filter.
4. If the grille and the filter are very dirty, soak the filter in hot water and rinse it several times - the water temperature should not exceed 40°C, however. Clean with a Vacuum Cleaner.
5. Allow the dust filter to dry thoroughly after washing and put it back into the dehumidifier.

## **NOTE**

However, we recommend cleaning the filter as described after each week of operation to ensure that the appliance works as efficiently as possible.

## **NOTE**

Never use the appliance without the filter.

## **6. CLEANING THE HOUSING**

Before cleaning, switch off the unit, then wait a few minutes and unplug the power cord to disconnect the unit from the mains.

Clean the unit with a moderately damp cloth and then wipe it with a dry cloth.

- Never use petrol, alcohol or solvents to clean the unit - this could be dangerous.
- Do not spray insecticides or similar agents on the dehumidifier.

## **7. ACTIVITIES AT THE BEGINNING/END OF THE SEASON**

### END OF SEASON ACTIVITIES

Switch off the unit and disconnect the mains plug. Clean the filter and replace it. Pack the unit and store it in a cool, dry place.

### CHECKS AT THE BEGINNING OF THE SEASON

Check that the power supply cable is in order and that the earthing is functional. Follow the installation and safety instructions carefully.

## 8. TROUBLESHOOTING

Before contacting the seller, please check whether the error can be rectified using the instructions below.

### Error code description

Code	Description
P1	The device is in defrost state
CL	The device is in a dry state
LC	The machine is in the lock screen function

Status	possible causes	Solutions
Dehumidifier does not run	Is the power plug plugged in?	Plug the power supply into the socket.
	Is the room temperature below 5°C or above 32°C?	Please check the room temperature and note that the dehumidifier can only be activated from 5°C - 32°C.
The dehumidification function does not work	Is the temperature or humidity in the room too low?	In dry seasons, the dehumidification capacity is reduced.
	Are the air outlet and the air inlet blocked?	Remove all objects blocking the air outlet and air inlet.
No air circulation	Is the air filter blocked?	Clean the air filter.

Unusual noises during operation	Is the device tilted or unstable due to improper setup?	Please place the dehumidifier in a stable place.
	Is the air filter blocked?	Clean the air filter.
	A "puffing" sound can be heard	The sound of the refrigerant flow is normal
Leaking water	Loose drain connections	Plug in the drain hose and water pipe.
	Drainage system clogged	Clean clogged drains
Frost on the coils	Low ambient temperature, in a state of pending defrost.	The unit has an automatic defrost function.
Error light water pump flashes	Clogged water pump discharge pipe	Checking the pump discharge for ease of movement
	Damaged water pump	Pump replacement

## Error Codes

E1	Fault in the coil sensor detection	Contact the customer service
E2	Temperature sensor fault	Contact the customer service
E6	Fluoride protection, stopping the compressor	Contact the customer service