

User guide

DEHUMIDIFIER PUR LINE

PLC 3000



Thank you for your confidence in purchasing a Pur Line dehumidifier.
Web site : www.purline.com

Please read this operation manual carefully prior to start the unit and keep this guide in a safe place for future reference.
This dehumidifier must be grounded properly and reliably.

1. Important Safety Instruction

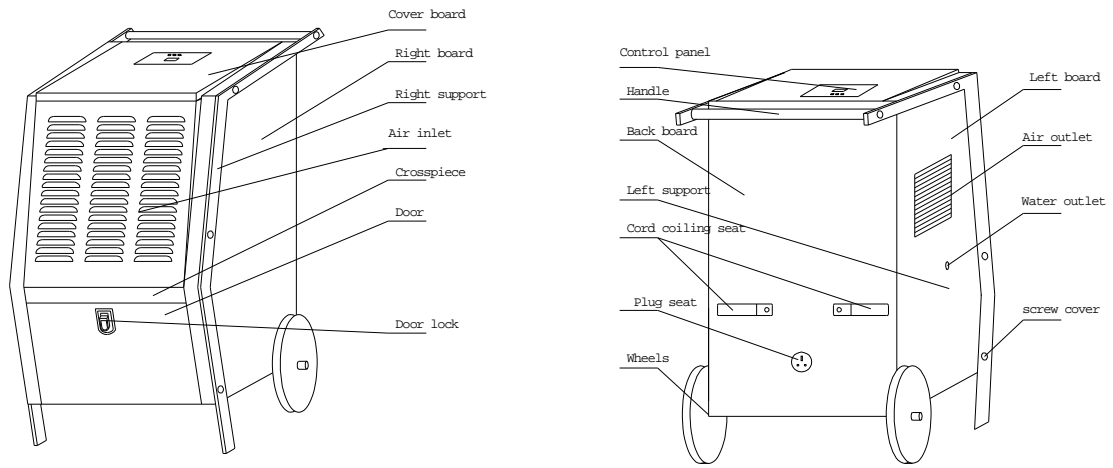
- Please read instruction carefully before use the machine.
- Please make sure the power supply is 220-240V/50Hz before operation.
- Please do not pull power cord for plug out.
- Please be careful while you moving the machine, avoid power cord to be mangled by movement.
- Please do not put fingers or any other sticks into the machine barrier.
- Please do not let child climb up or sit on the machine.
- Please plug out before wash or repair the machine.
- Please use the earth wire for sure.

- Please do not use the machine in a airtight and strait room.
- Please keep this instruction.

Notice: We advice any repair should be made by professional repare person. We are not responsible for any problem which is caused by unprofessional repair person.

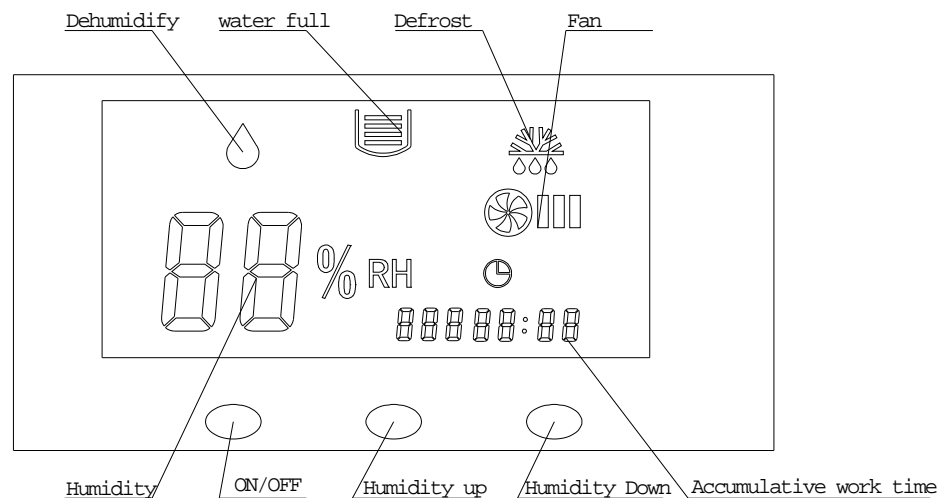
Kind Tip: The best humidity range for human, furnitue and other goods'is 45%-65%, we suggest you keep this humidity range if you have no other special humidity requirement.

2. Structure of Configuration



3. Operation Instruction

1) Buttom and Icon instruction



2) Instruction of buttons

- a. ON/OFF: Press ON/OFF, unit runs in a circulation “on – off – on”.
- b. Humidity Down: When unit runs on dehumidify model, press Humidity Down button each time, humidity falls 1%, press for 2 seconds, humidity keep falling by 5% per second.
- c. Humidity Up: When unit runs on dehumidify mode, press Humidity Up button each time, humidity raises 1%, press for 2 seconds, humidity keep raising by 5% per second.

3) Instruction of function mode

Machine make a sound “di” when power on, switch button on humidity mode. The indicator light of Dehumidify on. Default setting is humidity 60% RH, machine’s dehumidifying range is 30-90%RH, use Humidity Down and Humidity Up buttons on panel to adjust humidity setting. If keep pressing Humidity Down button when setting humidity is 30%RH, unit come into continuous dehumidify mode, display on LCD is “CO”. The humidity % flash when setting humidity, then display room air humidity after 5 seconds.

When the room temperature is low, unit run into Auto-Defrost function . Compressor works, motor doesn’t when defrosting, “Auto-defrost” light on, “Fan” light off.. Display go back ex-setting which before defrosting.

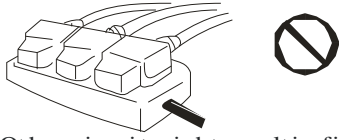
“Water full” light on when the water tank is full, machine stop work after 45 seconds, buzzer makes sound like “di” for 5 times, E4 display on LCD. Buzzer will continue alarm, make sound “di” 3 times for each 5 minutes till user empty the water tank.

Pump works when water tank is full to take out the water.

“Accumulative work time” on display means how much time unit have been operated. (This number is calculated by ten minutes, ten minutes after latest power off doesn’t calculate in)

4. Maintenance and safety

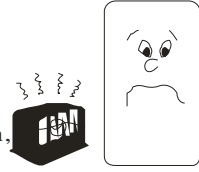
Do not use any relay, prolonged wire or adapter.



Otherwise, it might result in fire, radiation, or get an electric shock.

Do not put the unit nearby stove or heater.

Otherwise the resin might be melted down, even result in fire

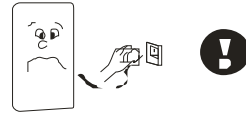


Do not use the unit in sunshine, wind or rain



(it's only used indoors)

When meet with some problems (for example scorch smelt), please shut off the unit and unplug.



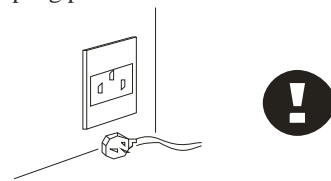
Otherwise it might result in fire, other mal function or get an electric shock.

Do not use the unit in the places easily affected by chemicals.



The volatilized chemicals might damage the unit and make the tank leak.

When keep power off for a long time, unplug please.

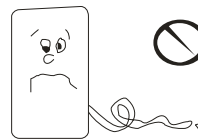


When cleaning, shut off the power and unplug.



Otherwise it might get an electric shock.

When draining continuously, put the drainer well for fluent draining.



If the ambient temperature is as low as freezing, do not drain continuously, please.

Do not repair the unit privately, nor disconnect it.



Otherwise it might result in fire or get an electric shock.

Put the unit stably. If the unit turns over, the water will flow out from the tank and damage



something nearby. Moreover, it might result in fire or get an electric shock because of creepage.

Make the filter more durable.



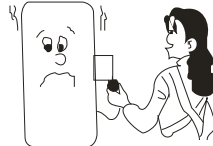
When keep power off for a long time, seal the filter in a plastic bag.

Do not use the unit nearby water.



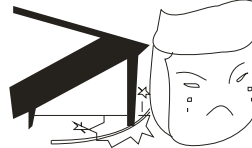
The unit might be in creepage when soaked by water, so as to result in fire or get an electric shock.

Use the standard electrical source of 220~240V.



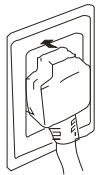
Otherwise it might result in fire or get an electric shock.

Do not damage or exchange the wire.



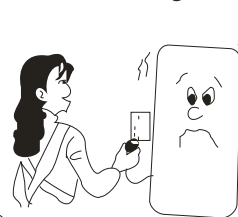
Do not put anything heavy on the wire or heat or pull the wire. Otherwise it might result in fire or get an electric shock.

Clean the dirt on the plug and fix it tightly.



If the plug was not fixed tightly, it might get an electric shock.

Do not regard the plug as switch.



Otherwise it might result in fire or get an electric shock.

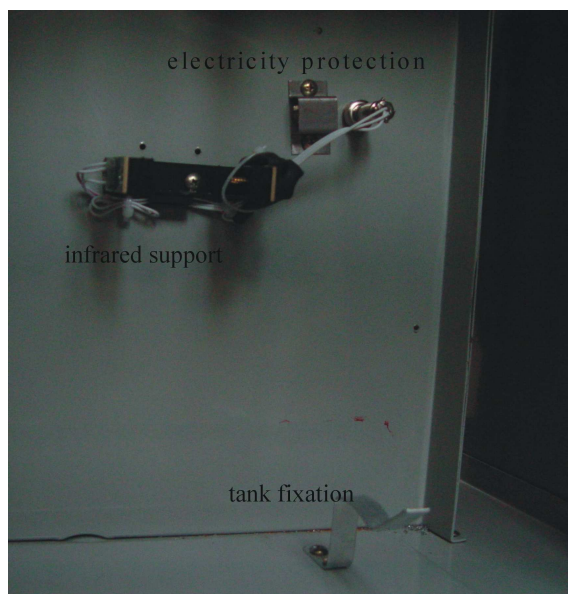
5. Steps for tank change to pump

- 1) Open tank door, take out the tank. Clockwise circumvolve the plug at location A as following picture showing.
- 2) Loosen the two screws of infrared support, take out the infrared support.
- 3) Loosen the screw of electricity protection, circumvolve 180° for fix up.
- 4) Loosen the screw of tank fixation, take out the tank fixation.
- 5) Fix the pump on the steel, plug the 3 connections and 5 connections in

relevant holes, tighten them by nuts.

6) Connect the water pipe, cross through the pipe out of machine.

7) Close the door.



6. Notice of operation

- 1) There have 3 minutes protection wait when unit re-start after compressor stop work.
- 2) The operated temperature of this machine is 5~32°C.
- 3) When displace the machine, please don not slope over 45°.
- 4) Compressor works and motor does not work when machine is defrosting.
- 5) We suggest wash the filter once per month. Immerge filter in warm water when cleaning, lightly bush, install in after airing.
- 6) Make machine's air inlet and outlet 10cm away from wall, avoid to effect low dehumidify.
- 7) Clean up the water tank after using, avoid skeeter growth.
- 8) Pull out the plug if won't use the machine for long time. Coil the power cord on coiling seat and insert plug into the plug fixation.
- 9) Kindly notice he length of water pipe is 4meters. The press height of pump is 4meters.

7. Trouble chooting

Malfunctions	Analysis	Solution
Does not dehumidify	1 <input type="checkbox"/> Power cut 2 <input type="checkbox"/> Switch off 3 <input type="checkbox"/> E4 on display panel	1 <input type="checkbox"/> Power on 2 <input type="checkbox"/> Switch on 3 <input type="checkbox"/> Emptying water tank
Dehumidify in	1 <input type="checkbox"/> Filter choked by dirt	1 <input type="checkbox"/> Clean the filter

low efficiency	2 <input type="checkbox"/> Some barrier in air inter or outlet 3 <input type="checkbox"/> Room is not sealed 4 <input type="checkbox"/> Temperature is low in room	2 <input type="checkbox"/> Remove the barrier 3 <input type="checkbox"/> Close the door and windows and shadow the sunshine 4 <input type="checkbox"/> The dehumidify capacity is low when room temperature is low
Special noise	1 <input type="checkbox"/> The unit inclines 2 <input type="checkbox"/> Air outlet choked	1 <input type="checkbox"/> Place the unit stably 2 <input type="checkbox"/> Clean the air outlet

When above malfunctions occur and must be repaired, connect with agent or supplier, do not disassemble the machine privately.

When the unit is running or stop running, some noise of refrigerating circulation like “si” “si” is not a malfunction.

Hot wind from the air outlet is normal.

8. Malfunction Indicator

Machine can identify some malfunction itself, if the unit have malfunction, the following message appear on the electronic display.

Malfunction display	problem
E3	Sensor of humidity is broken
E4	Water tank is full
E5	Detector of coiling pipe is broken

9. Technology Specification

Model	PLC3000
Power	220~240V/50Hz
Dehumidifying capacity	80L/D
Rated power current	5.3A
Rated power input	1120W
weight	58Kg
size	550X550X920(mm)

Testing condition 30°C/RH80%

If there have some changes for specifications above, we won't advise in addition

Warranty : 1 year to first buyer.

To insure of rights to warranty privileges, please insure to include with claim your proof of purchase showing purchase date.