



TCL M-Series Smart 50-pint 3-speed Dehumidifier User Guide

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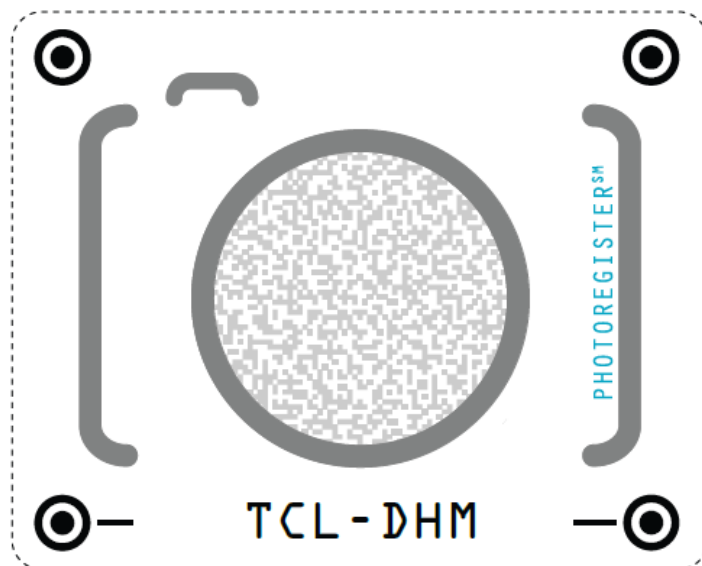
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TCL

TCL M-Series Smart 50-pint 3-speed Dehumidifier



Register and protect your purchase



Register easily with your smartphone

Scan or text a photo of the camera icon to 71403

Or register online at register.tcl.com

Need help? Visit photoregister.com/help or text HELP to 71403

Add a TCL Protection Plan when you register your product and be covered from life's mishaps

Thank you for choosing TCL. We want your ownership experience to bring you as much joy as the product you purchased does, so we're offering you a special price on TCL Protection Plans when you purchase during registration. Add a TCL Protection Plan within your first 30 days of ownership to receive the best value and we'll

make sure nothing gets in the way of you enjoying your new product.

Benefits & Description		PROTECT	PLUS
Extended Manufacturer Coverage Extended parts & labor coverage for manufacturer defects.		Up To 4 Years	Up To 4 Years
Priority Service Free shipping and rapid turn-around time.		3-5 Days	3-5 Days
Product Replacement Free 1-time replacement if product cannot be fixed.		⊕	⊕
TCL Parts & Service Genuine TCL parts & factory certified service.		⊕	⊕
No Deductible \$0 out of pocket expense.		⊕	⊕
Accidental Damage Protection Coverage for drops, breaks and spills starts after 30 days.			⊕

- Extended service plans (i.e., “Protect” and “Plus” plans) are only offered in the United States (US). All TCL products continue to offer a limited consumer warranty in both the US and Canada. Please refer to the warranty section in this guide for additional details on warranty information.

IMPORTANT SAFETY INSTRUCTIONS

Before installing and using your dehumidifier, please read this owner’s manual carefully. Store this manual in a safe place for future reference. Your safety and the safety of others is very important to us. Please pay attention to all safety messages outlined in this owner’s manual.

WARNING: To reduce the risk of fire, electrical shock or injury when using your dehumidifier, follow the following basic precautions: ELECTRICAL REQUIREMENTS

The electrical ratings for your dehumidifier are listed on the model and serial number label located on the on the back side (when facing the front).

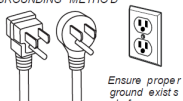
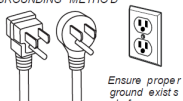
REGISTER YOUR APPLIANCE

You can register your appliance online by going to register.tcl.com Be sure to retain your original sales receipt. A valid proof of purchase is required for all warranty claims.

Document your model and serial numbers here:

Model # _____ Serial # _____

You can locate your 20 digit serial number underneath the bar code (on the back side)

WARNING				
Electrical Shock Hazard Plug into a grounded 3 prong outlet. Do not remove the ground prong. Do not use an adapter. Do not use an extension cord. Failure to follow these instructions can result in death, fire, or electrical shock.	Specific electrical requirements are shown in the diagram below. Follow the requirements below for the type of plug on the power supply cord.			
	<table><tr><th>Wiring Requirements</th><th>Power Supply Cord</th></tr><tr><td>60Hz, 115V AC outlet protected by a 15 amp time delay fuse or circuit breaker.</td><td><p>PREFERRED GROUNDING METHOD</p></td></tr></table>	Wiring Requirements	Power Supply Cord	60Hz, 115V AC outlet protected by a 15 amp time delay fuse or circuit breaker.
Wiring Requirements	Power Supply Cord			
60Hz, 115V AC outlet protected by a 15 amp time delay fuse or circuit breaker.	<p>PREFERRED GROUNDING METHOD</p> 			

RECOMMENDED GROUND METHOD

For your personal safety, this air conditioner must be grounded. This dehumidifer is equipped with a 3 prong power supply cord with a grounded plug. To minimize the possibility of electrical shock, the cord must be plugged into a 3 prong outlet and grounded in accordance with all local codes and ordinances. If a 3 prong outlet is not available, it is the customer’s responsibility to have a properly grounded 3 prong outlet installed by a qualified electrician.

FCC CAUTION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. The distance between user and device should be no less than 20cm.

DO NOT RETURN TO STORE

WE ARE READY TO HELP

contact us first with any questions


TCL SUPPORT: support.tcl.com

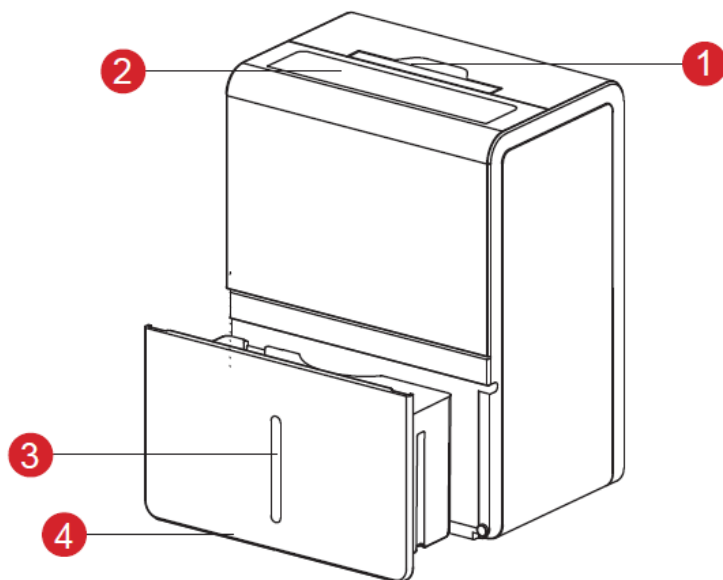
1-800-825-6747

TAKE CARE WHEN REMOVING THE DEHUMIDIFIER UNIT

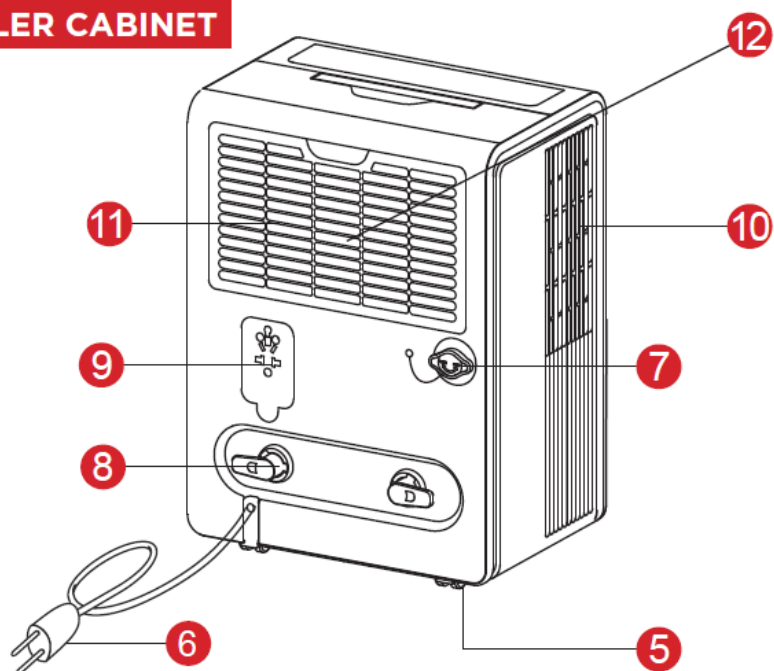
What's in the Box

Note: Some accessories are not in bucket, please find it in packaging.

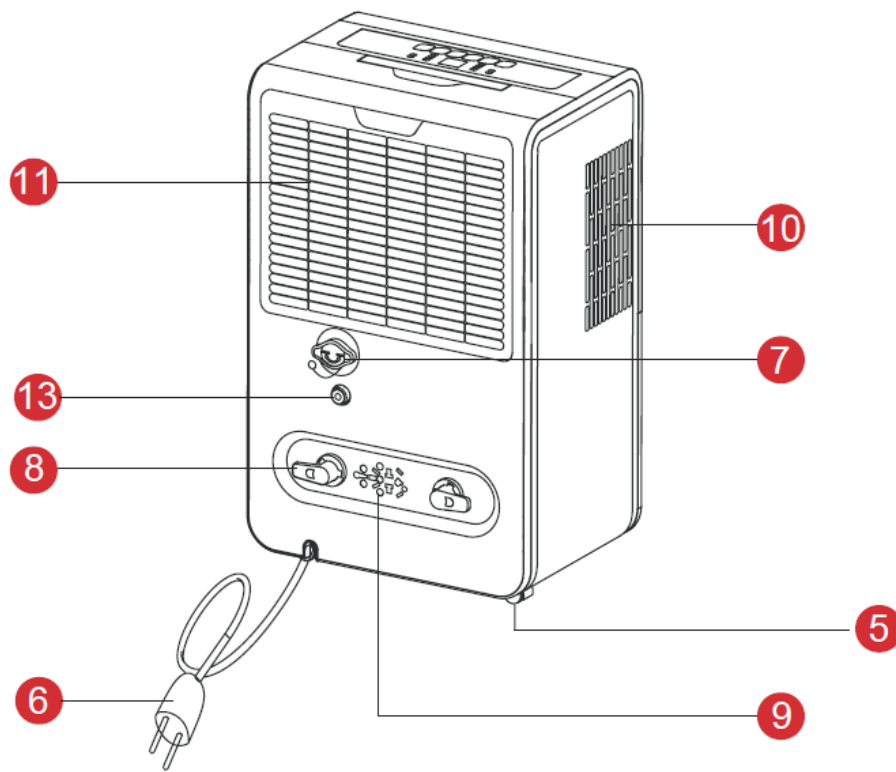
NO.	APPEARANCE	PART NAME	QUANTITY
1		Pump Drain Hose (about 5m, 16.4ft) (PUMP MODEL ONLY)	1 set



SMALLER CABINET



BIGGER CABINET



NO.	COMPONENT DESCRIPTION
1	Handle
2	Control Panel
3	Water Level View Window
4	Bucket
5	Wheels
6	Power Cord
7	Drainage Holes
8	Power Cord Storage
9	Plug Fixer
10	Air Outlet Grille
11	Air Inlet Grille & Filter
12	UVC LED (Select Models Only)
13	Pump Connector (Only on models with a pump)

Note: Illustrations in this manual are for explanatory purposes only. Product design and aesthetics may vary.

Let's Get Started!

Installation & Assembly Instructions for: M Series

Step 1: Testing

- Do not use outdoors.
- Place the unit on a smooth level surface.
- Allow at least 12 -18 inches of clearance on all sides of the unit.
- Place the unit in a space where the temperature will not fall below 41 degrees Fahrenheit.
- The dehumidifier must be operated in an enclosed area to be most effective, such as a basement.
- Close all doors, windows, and other outside openings to the room.

Step 2: Installation

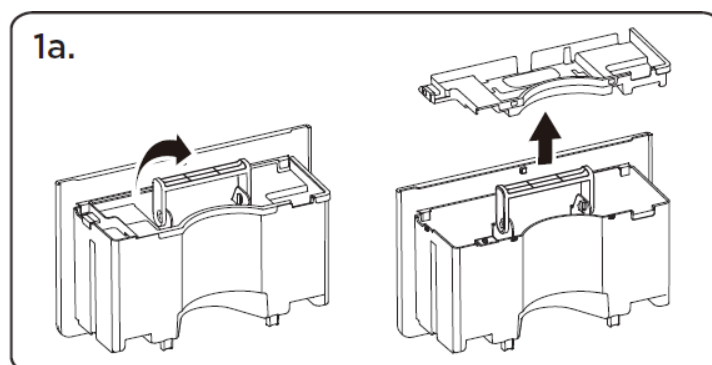
There are two sizes of cabinet

Smaller cabinet size (WxHxD)	Bigger cabinet size (WxHxD)
365mm x 500mm x 250mm 14.37in x 19.69in x 9.84in	383mm x 610mm x 280mm 15.08in x 24.02in x 11.02in

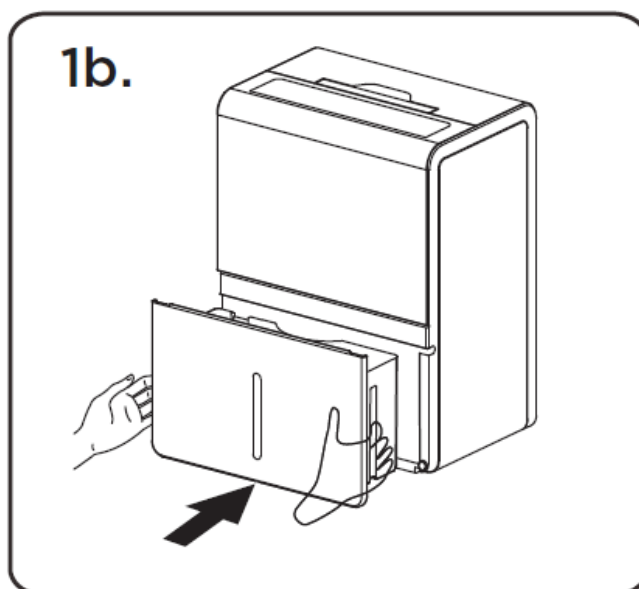
For the smaller cabinet:

Before use, please remove the accessories from the bucket

- Remove the bucket from appliance.
- Open the cover, take out the accessories..



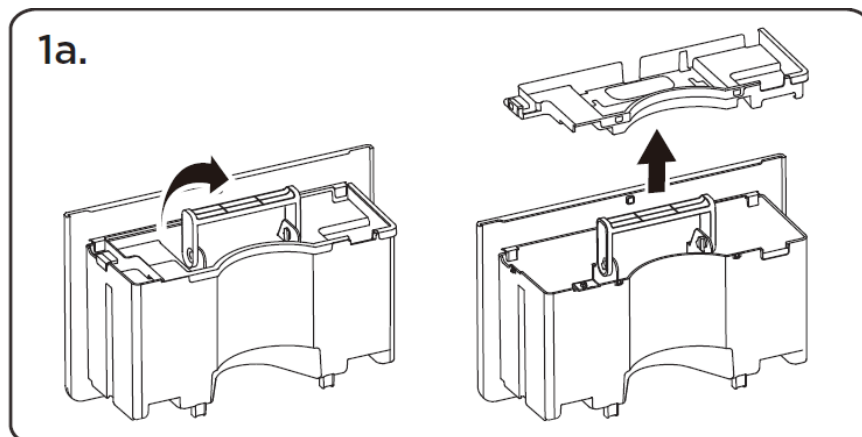
- Reinstall the cover, correctly put the bucket back into the appliance.



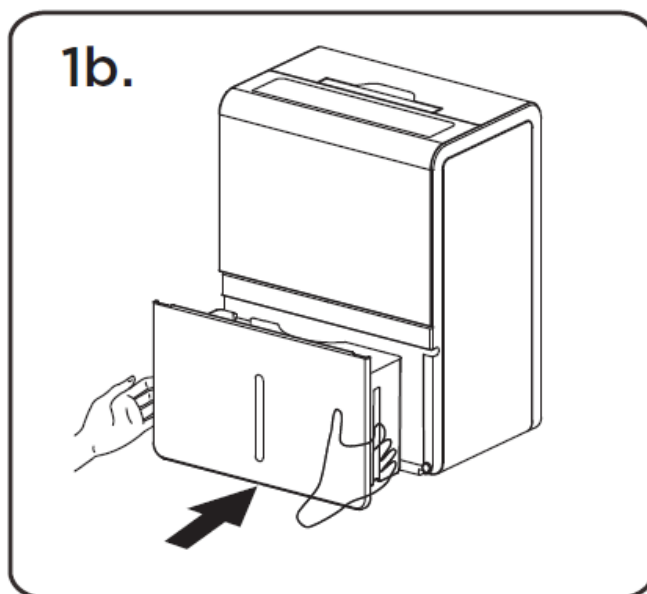
For the bigger cabinet:

Before use, please remove the accessories from the bucket

- Remove the bucket from appliance. Note: Not all models have handles.
- Make sure to release the cover by pushing in the two latches at the top of the bucket.
- Open the cover, take out the accessories. .

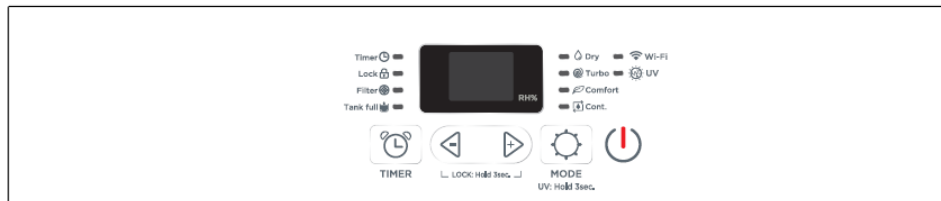
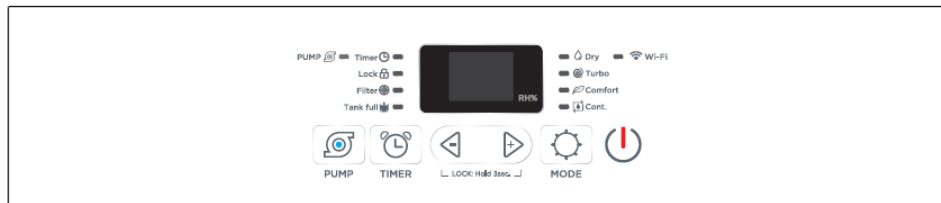
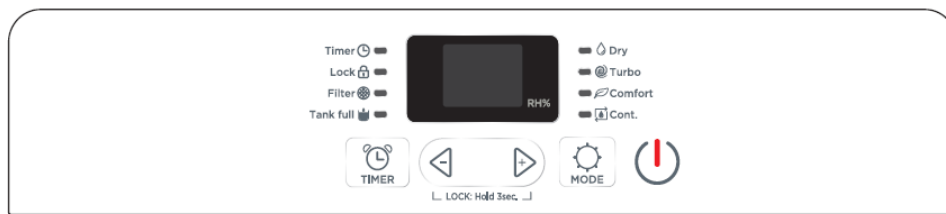


- Reinstall the cover, correctly put the bucket back into the appliance .



How to Control Your Dehumidifier

All the basics you need to know!

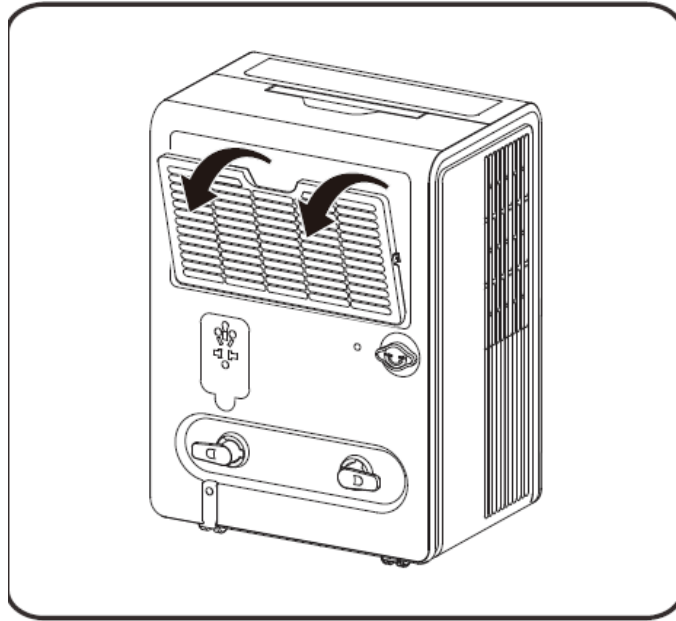


Disclaimer: Pump, UV, and Wi-Fi features are only available on select models. It is normal for the letters “CF” to be displayed for several seconds on Wi-Fi models as the dehumidifier powers on. It is recommended to run the dehumidifier in Contentious mode for 24 hours for the first time. This will stabilize the humidity and ensure that the compressor will function properly.

1. Power On and Off – Press the once to turn on the appliance, push again to power off.
2. MODE – Press the to toggle through the different modes: Dry, Turbo, Comfort or Continuous.
3. Dry – Press the until the Dry symbol is selected. Press the left and right buttons to set the desired relative humidity (RH) level between 35% – 80% RH. After a few seconds, the RH of the room will be displayed. The fan speed will be set on low and cannot be adjusted.
4. Turbo – Press the until the Turbo symbol is selected. This will set the dehumidifier to target 35% RH. After a few seconds, the RH% of the room will be displayed. The fan speed will be set on high and can not be adjusted.
5. Comfort – Press the until the Comfort symbol is selected. This will automatically set the target RH according to the ambient temperature. While in this mode, the RH mode can not be manually set. After a few seconds, the RH of the room will be displayed. The fan speed will be set on low and cannot be adjusted. In this mode, the screen will dim and eventually turn off completely. To check the status, press the to temporarily wake up the display.
6. Continuous – Press the until the Cont. symbol is selected. This will set the dehumidifier to target 15% RH. The fan speed will be set on low and cannot be adjusted.
7. Timer – The timer can be used to delay the appliance start-up or shutdown.
8. Start-up – With the appliance off, press the to enable this feature. Then press the or buttons to increase or decrease the timer in 30 minute increments. After 5 seconds of inactivity, the Timer symbol will light up and this feature will be active.
9. Shutdown – With the appliance on, press the to enable this feature. Then press the or buttons to increase or decrease the timer in 30 minute increments. After 5 seconds of inactivity, the Timer symbol will light up and this feature will be active.
10. Lock – The lock function prevents from someone accidentally changing the settings. To lock the panel, simultaneously press and hold down the and buttons for 3 seconds. The Lock symbol will light up when this feature is enabled. To unlock the control panel, press and hold the and buttons for 3 seconds. The Lock symbol

light will turn off.

11. **Filter** – When the filter needs to be cleaned, the Filter symbol will light up. This will light up after every 250 hours of use and is used as a reminder (not an actual indicator that the filter is dirty). Remove the filter from the back of the unit by using your thumbs to press down on the filter tabs directly above the filter. Clean the filter with warm, soapy water. Dry thoroughly before replacing the filter. Once the filter is completely dry, place the filter back in the unit and hold the for a few seconds to reset the filter indicator.



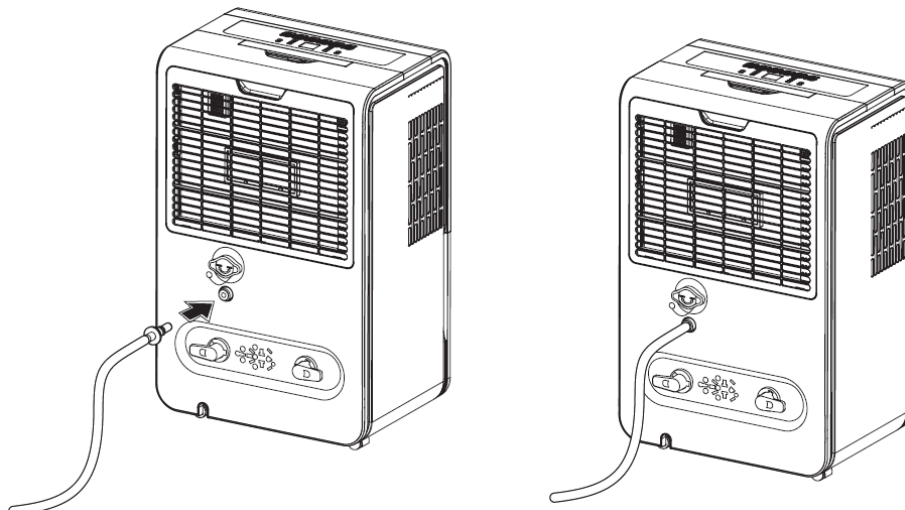
12. **Tank Full** – When the water bucket is full, the Tank Full symbol will light up and the compressor will turn off. The fan may continue to run for a few more minutes. Remove the bucket with both hands and empty. Do not place the bucket on the floor when it is full because the bottom is not flat.

Cleaning the water tank – It is recommended to clean the bucket the with a mild detergent every week to prevent the growth of mold, mildew, and bacteria. Once clean, completely dry the bucket and, using two hands, place it back inside the appliance.

For Model(s) with PUMP

1. **PUMP** – Enable this function for use with a drain hose. Connect the pump drain tube and adapter to the back of the unit. Press the PUMP button and verify the light next to the Pump symbol turns on.

Note: Water will still drain into the bucket but the pump will engage when the bucket is almost full.



Note: You must place the end of the drain hose down a drain or someplace where it can freely drain (bowls,

buckets, etc. are not recommended as they can overflow).

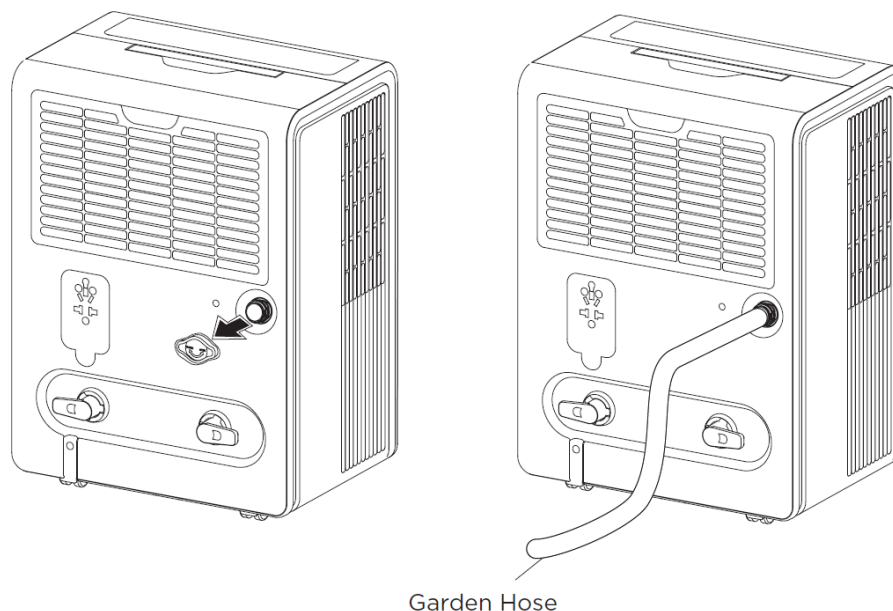
Continuous Drain –

A standard garden hose can be used for continuous gravity flow into a floor drain.

1. Unscrew the cap on the back of the unit.
2. Install a standard garden hose to the back of the unit, ensuring there are no kinks in the hose.
3. Ensure that the dehumidifier is level, even a slight tilt can cause the water to drip down into the drain bucket and not through the garden hose.

Attaching Pump Drain Tube –

1. Push in on the outer ring of the pump connector on the back of the dehumidifier (See photo).
2. Slide the drain adapter into the opening and then release the outer ring of the pump connect.
3. Gently pull the drain adapter to ensure it is locked into place.
4. To remove the drain hose push in on the outer ring of the pump connector and pull on the drain tube connector.



For Model(s) with UVC

Press and hold for 3 second until the UV indicator turns on. To turn the UV function off, press and hold the mode button for another 3 seconds until the indicator turns off.

Should any UV light be exposed, stop use immediately and contact customer service.

Automatic Defrost – When frost builds up on the evaporator coils, the compressor will stop and the fan will continue to run until the frost disappears. When the coils are completely defrosted, the compressor will automatically restart and dehumidify will resume. If the frost does not completely melt on its own, unplug the appliance overnight. Be sure to confirm the filter is clean before running again.

Troubleshooting

Having trouble completing installation? Don't worry, it's usually an easy fix.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
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Dehumidifier does not start	The dehumidifier is unplugged.	<ul style="list-style-type: none"> Make sure the dehumidifier plug is pushed completely into the outlet.
	The fuse is blown/circuit breaker is tripped	<ul style="list-style-type: none"> Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	Dehumidifier has reached its pre-set level or the bucket is full	<ul style="list-style-type: none"> The dehumidifier automatically turns off when either condition occurs. Change to a lower setting or empty the water bucket. The bucket must be replaced properly for the dehumidifier to operate.
	Bucket is not in the proper position	<ul style="list-style-type: none"> The bucket must be in place and securely inserted for the dehumidifier to operate.
	Power failure	<ul style="list-style-type: none"> There is a protective time delay (up to 3 min.) to prevent tripping of the compressor overload. For this reason, the unit may not start normal dehumidification for 3 min. after it is powered back on.
	Not enough time allowed for unit to remove moisture	<ul style="list-style-type: none"> When first installed, allow at least 24 hours to reach the desired dryness/humidity level.
	Airflow is restricted	<ul style="list-style-type: none"> Make sure there are no curtains, blinds, or furniture blocking the front or back of the dehumidifier.
	Dirty filter	<ul style="list-style-type: none"> Clean the filter. See the Cleaning and Care Section of the manual.

Dehumidifier does not dry the air as it should	The Humidity Control may not be set low enough	<ul style="list-style-type: none"> For drier air, press the v button to lower the humidity setting percentage in the room set the dehumidifier to COF or maximum dehumidification.
	Doors and windows may not be closed tightly	<ul style="list-style-type: none"> Check that all doors, windows, and other openings are securely closed.
	Clothes dryer may be blowing moist air into the room	<ul style="list-style-type: none"> Install the dehumidifier away from the dryer. The dryer should be vented outside.
	Room temperature is too low	<ul style="list-style-type: none"> Moisture removal is best at higher room temperatures. Lower room temperatures will reduce the moisture removal rate. This model is designed to operate at temperatures above 41° F (5°C).

WiFi App Installation (for WiFi models only)

Step 1: Download and Install the TCL Home App

Using the camera function on your smartphone, please scan the QR code below to be directed to the TCL Home page. If your phone does not have a QR scanner, download one from the app store or manually type in the URL below in your smartphone's web browser. Then, download and launch the app.

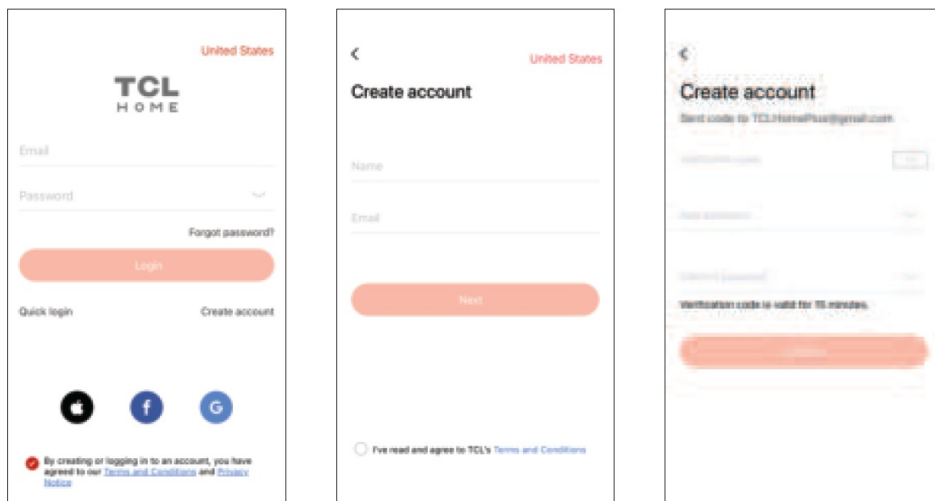


<https://tcl.link/homeplusapp>

Note: The App only supports the 2.4 GHz WiFi channel (all routers have a 2.4 GHz band). Please connect to the 2.4 GHz band before you begin the app setup process.

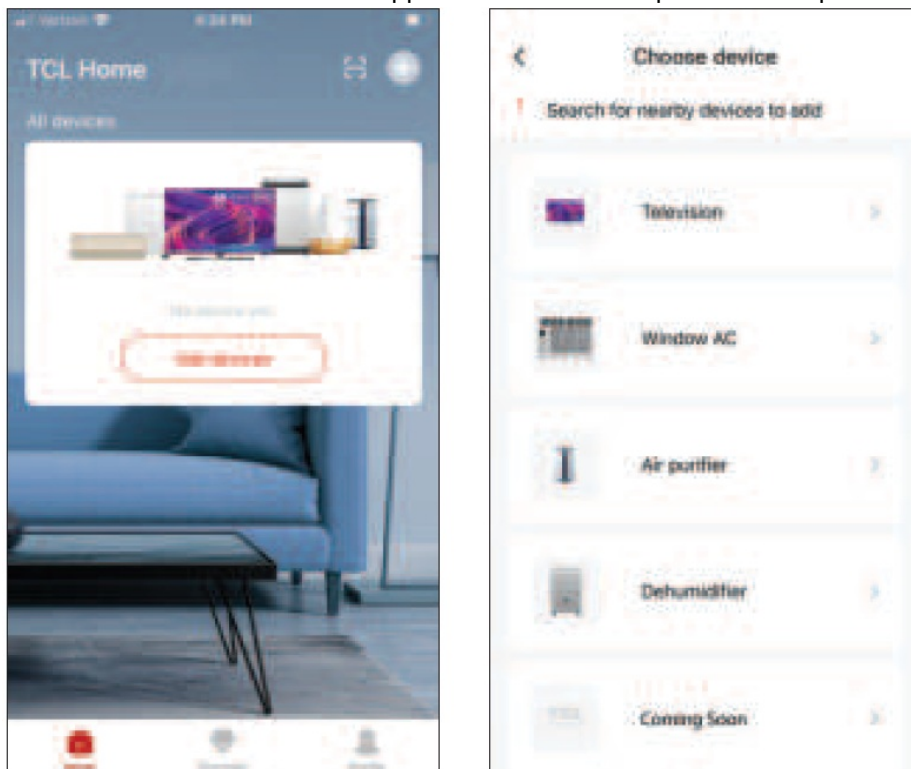
Step 2: Create an Account

Once you have opened the app, select "Create account." You will then be sent a verification code to your email. Input the code and continue.



Step 3: Add Your Device

Select the “Add Devices” button and follow the in-app instructions to complete the setup.



Troubleshooting

Having trouble completing installation? Don't worry, it's usually an easy fix.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
TCL Home App loses connectivity to AC during setup	Wireless router may be too far from AC	<ul style="list-style-type: none"> Relocate wireless router closer to AC.
	Network error	<ul style="list-style-type: none"> Restart wireless router, AC, and mobile device
TCL Home App cannot find AC	Network error	<ul style="list-style-type: none"> Restart wireless router, AC, and mobile device
	App & AC are not on the same 2.4G Hz channel	<ul style="list-style-type: none"> Confirm your device is connected to the 2.4GHz channel.
	Router blocking TCL Home App	<ul style="list-style-type: none"> Verify App is not being blocked by the router's firewall.
	Incorrect WiFi Password	<ul style="list-style-type: none"> Reinput and verify WiFi password.
Unable to find or connect to Wireless Network	App may need permission to location	<ul style="list-style-type: none"> Give TCL Home App permission to Location in phone settings.

TCL NORTH AMERICA

LIMITED PRODUCT WARRANTY

What your warranty covers: Defects in materials or workmanship to the original owner of this TCL product when purchased as new from an Authorized Dealer of TCL brand products and packaged with this warranty statement.

WARRANTY PERIOD (NON-COMMERCIAL USE):

Labor: Twelve (12) Months from the original date of purchase.

Parts: Twelve (12) Months from the original date of purchase.

WARRANTY PERIOD (COMMERCIAL USE):

Labor: Six (6) Months from the original date of purchase.

Parts: Six (6) Months from the original date of purchase.

Commercial Use includes, but is not limited to, the use of this product in a commercial or business environment, the use of this product in an institution or for institutional purposes, or for other commercial purposes including rental purposes. Should your TCL device prove to be defective in material or workmanship under normal use during the warranty period listed above, effective from the date of original consumer purchase of the product, TCL North America at its sole discretion will, (1) pay an Authorized TCL Service Center for both labor charges and parts to repair your device, or (2) replace your device with a new or refurbished/recertified equivalent product. If repaired at an Authorized TCL Service Center, TCL is not responsible for the transportation costs to the Authorized TCL Service Center. However, TCL will pay for the return shipping. TCL will provide instructions for the packaging and shipping of the unit. Units that are improperly packed and damaged during shipping are not covered under this limited product warranty. This limited product warranty is good only to the original purchaser of

the product and effective only when used in North America. You must have your original purchase receipt or proof of purchase (bill of sale or receipted invoice) which states the condition of the unit (new, used), the unit's date of purchase, place of purchase, and model/serial number.

HOW SERVICE IS HANDLED: Call 1-800-825-6747 and choose the appropriate prompt. Please have product type, model number, serial number, and ZIP code ready. Troubleshooting and prior approval from a TCL representative **MUST** occur before sending in your product for repair.

Product Registration Information

You can find the model number and serial number on a label on the back or side of the product. Register your product online at register.tcl.com.

NO OTHER WARRANTY IS APPLICABLE TO THIS PRODUCT. THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. SOME STATES AND/OR TERRITORIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON THE LENGTH OF TIME AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU, THE ORIGINAL PURCHASER, SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE OR TERRITORY TO TERRITORY. THIS WARRANTY IS SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE VISIT [WWW.TCL.COM/US](https://www.tcl.com/us) TO VIEW THE MOST CURRENT VERSION.

THIS LIMITED PRODUCT WARRANTY DOES NOT APPLY TO:

1. Service calls to your home for delivery or pick-up, installation, instruction, replacement of house fuses, connection of house wiring or plumbing, or to correct unauthorized repairs.
2. Failure of the product to perform due to wireless signal reception problems not caused by your unit, or due to power failures or interruptions or inadequate electrical service.
3. Damage caused by transportation or handling, including damage during shipment from a Retailer (please contact your Retailer for assistance).
4. Damage caused to the product by accident, vermin, lightning, wind(s), fire, flood(s), or act(s) of God.
5. Damage caused by operating the product in a corrosive or wet atmosphere.
6. Repairs when your TCL product is used in other-than-normal, single-family household use, or contrary to the instructions described in the product User's Guide.
7. Damage resulting from accident, alteration, misuse, abuse, neglect, insects, normal wear-and-tear, cosmetic damage, mishandling, power line surges, improper or faulty installation, or improper repair or maintenance. Improper repair includes the use of parts not approved or specified by TCL.
8. Markings or images on the product's display panel.
9. Normal maintenance as described in the User's Guide (including but not limited to cleaning or replacing filters, cleaning coils, or other normal maintenance).
10. Use of accessories or components that are not compatible with this product.
11. Products with altered, missing, defaced, unreadable, or removed serial numbers.
12. Changes in the appearance of the product that do not affect product performance.
13. Increases in utility costs and/or additional utility expenses.
14. Products purchased from non-authorized TCL resellers.
15. Products sold in any condition other than new from the original manufacturer or sold outside of North America.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

CONTACT INFORMATION:

TCL North America
1860 Compton Ave
Corona, California 92881
1-800-825-6747

www.tcl.com/us


Need more help?

support.tcl.com








1-800-825-6747

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Documents / Resources

	<p>TCL M-Series Smart 50-pint 3-speed Dehumidifier [pdf] User Guide</p> <p>M-Series, Smart 50-pint 3-speed Dehumidifier, 3-speed Dehumidifier, Smart 50-pint Dehumidifier, Dehumidifier, Smart Dehumidifier</p>
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References

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-  [TCL USA | Enjoy More](#)
-  [TCL Home App | TCL USA](#)