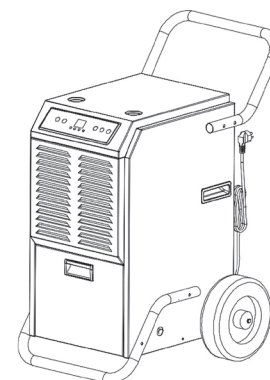


User's Manual



IMPORTANT INSTRUCTIONS, SAVE FOR FUTURE REFERENCE

Note: When using electrical appliances, please follow these basic precautions to reduce the risk of fire, electric shock, and personal injury or property damage. This product contains refrigerants, which under law must be removed properly prior to disposal.



Read the USER MANUAL carefully before operation.



Further information is available in the USER MANUAL, SERVICE MANUAL, and the like.

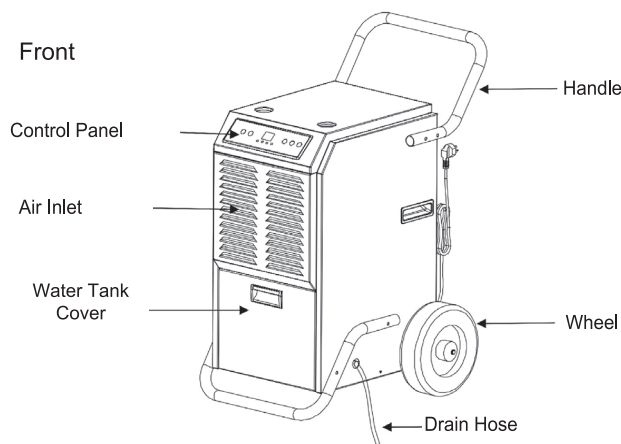


Service personnel are required to carefully read the USER MANUAL and SERVICE MANUAL before operation.

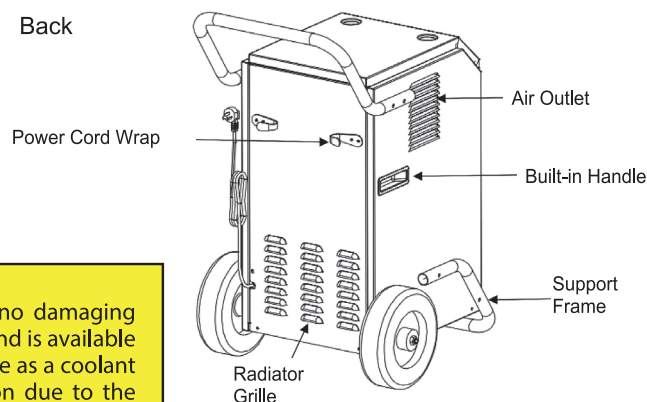
1. Operate the unit from a power source of equal voltage, frequency, and rating as indicated on the product identification plate.
2. Extreme caution and supervision is necessary when unit is used near children and pets or when left operating while unattended.
3. Do not operate unit if cord/plug has been dropped or damaged in any manner.
4. Do not obstruct inlet or outlet openings. Do not operate in close proximity to walls, curtains, or other objects that may block inlet and outlet.
5. This unit must be plugged into grounded outlet.
6. To reduce the risk of electric shock, do not expose unit or power cord to moisture.
7. Always turn off and unplug unit prior to performing routine maintenance, or when not in use.
8. The use of attachments or accessories is not recommended or intended for use with product.
9. This product is intended for normal commercial use only.
10. Do not attempt to dismantle the appliance.
11. Do not operate unit on a metal surface.
12. Do not clean the appliance with any chemicals.
13. Unplug the power supply when cleaning or storing the unit.
14. This unit is not intended for hazardous locations.
15. This unit must always be in upright position.

Model	GOBI - DESHUM50
Voltage / Frequency	220-240V/50 Hz
Dehumidification (L./d.)	51 L./d. (30°C, RH80%)
Power Consumption (W)	650W
Rated Current	3.1A (30°C, RH80%)
Water Tank Capacity (L)	5.5 L
Weight N.W / G.W (Kg)	36 / 39.5 Kg
Dimensions (WxDxH) cm	43 x 51.5 x 82.5 cm
Air Circulation	448 m ³ /h
Application Area (m ²)	80-120
Sound Pressure Level	≤52dB(A)
Refrigerant Charge	R290/230 g
Cord(m)	2.5 m
With Drain Hose	

Front



Back



R290

The environmentally friendly R290 is used as the refrigerant. R290 has no damaging influence on the ozone layer (ODP), a negligible greenhouse effect (GWP) and is available worldwide. Because of its efficient energy properties, R290 is highly suitable as a coolant for this application. Special precautions must be taken into consideration due to the coolant's high flammability.

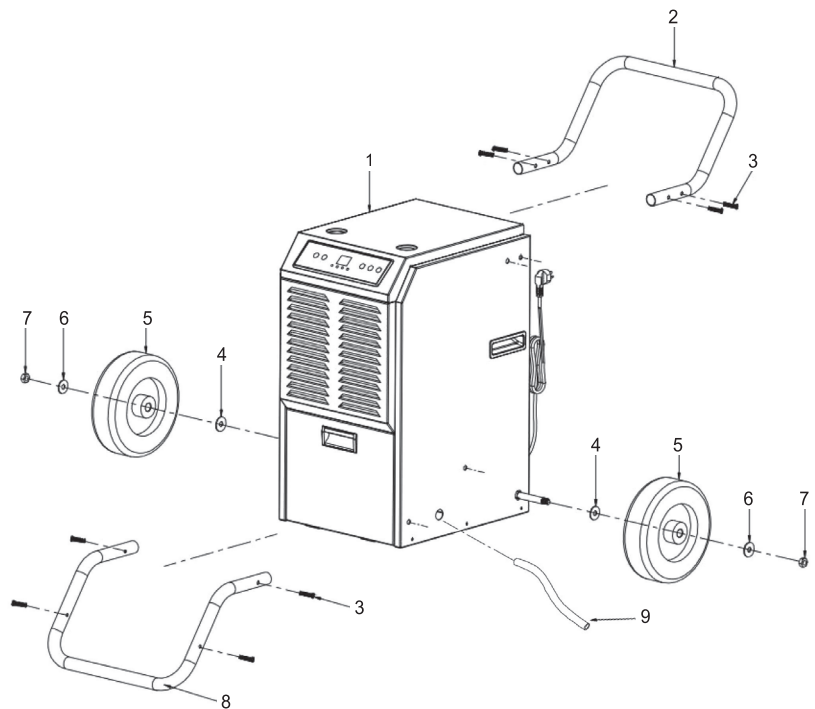
User's Manual



INSTALLATION

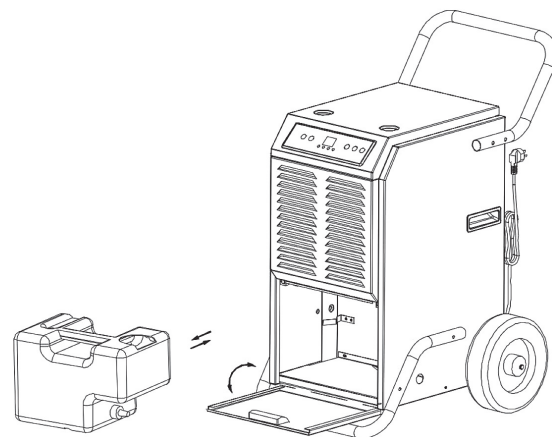
HANDLE AND SUPPORT FRAME INSTALLATION

PARTS LIST	
1.	Main Body
2.	Handle
3.	Stainless Steel Bolt
4.	Spacer
5.	Wheel
6.	Spacer
7.	Nut
8.	Support Frame
9.	6 m Drain Hose



DRAINAGE INSTALLATION

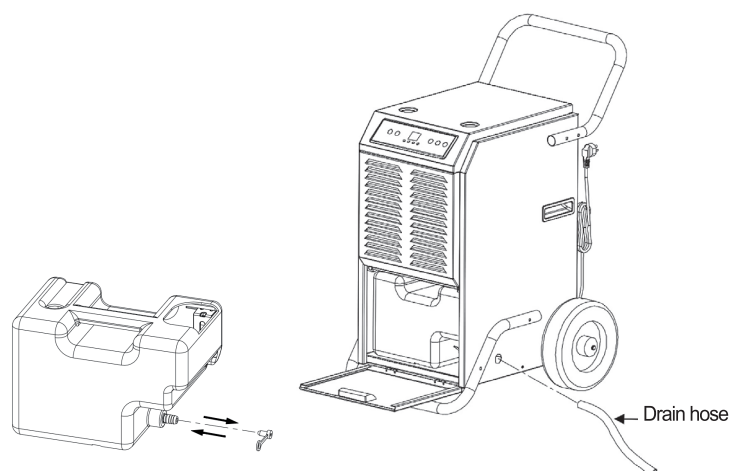
1. When the tank is at full capacity, the "FULL" light will power on.
2. An alarm will then sound to notify user. Press the power button to shut down the system.
3. To drain the water tank, open the front panel to access tank.
4. Grab tank handle and remove it horizontally.
5. After disposing of the water, replace tank, and close the front panel.



CONTINUOUS DRAINAGE

In extremely wet conditions, the tank may require frequent drainage. It can be set for continuous drainage by completing the following:

1. Open the front cover, remove tank, and dispose of water.
2. Remove the plug on the connector, keep it properly.
3. Install the included drain hose to the connector and direct the pipe to the desired area prior to operating the machine.
4. Clean the water tank, drain the hose and pipe connector, and shut the front panel.
5. When continuous drainage is not being used, switch over to water tank usage by using the sealing washer, without the hole, to stop the water outflow.



⚠ WARNING::

Do not block the drainage hose. The end of the drainage pipe should not be higher than the outlet hole. If the drainage pipe end is higher than the outlet hole, water will not drain properly and may damage unit components.

User's Manual



MACHINE SETUP AND OPERATION

BUTTON FUNCTION



Power

1. Press this button while screen light is on and unit will automatically enter a continuous mode. The screen will display the environmental humidity and the compressor will turn on after the fan has run for 3 seconds. Press this button again, and the compressor will stop with the display screen showing “- -”. The unit will then enter a standby mode; the fan will run for another minute and stop.



Timer

2. Hold down this button until the light powers on, then press “MINUS” and “ADD” to set the start time. When the countdown is over, the fan and compressor will power on. To power off the unit, hold down this button until the button light powers on. Press “MINUS” and “ADD” to set the stop time. When the countdown is over, the fan and compressor will power off. Hold down this button for 3 seconds to view the current temperature. After 10 seconds, the display will return to the current humidity. Hold this button to show the current temperature.



Add

3. The humidity can be increased by increments of 5% RH during normal mode. Hold this button for 1 second to increase the humidity.



Minus

4. The humidity can be decreased by increments of 5% RH during normal mode. Hold this button for 1 second to decrease the humidity.

Note: A. The default humidity is 50% RH, with increase and decrease increments as follows:

20%-25%-30%-35%-40%-45%-50%-55%-60%-65%-70%-75%-80%-85%-90%

B. Environmental and machine set humidity will decide the status of the compressor and fan. If the environmental humidity is \geq the machine set humidity + 3%, the compressor and fan will begin operation. If the environmental humidity is $<$ the machine set humidity + 3%, the compressor and fan will cease operation. Press the continue button for continuous mode or switch to normal dehumidification mode to set the humidity manually.



Cont

5. During continuous mode, the humidity setting will be unavailable. The continuous mode light will turn on and the screen will display the current humidity. Press this button to switch to normal mode where the humidity setting is available.

OPERATION

1. When the water tank is full, a red light will illuminate followed by an alarm. The alarm will sound 15 times before the compressor and fan power down. After the water tank is empty, the machine will automatically switch to its previous mode while the compressor will remain in a 3 minute self-protection status. The alarm will stop 3 seconds after the water tank is emptied and replaced. The fan and compressor will start again after 3 minutes.
2. The compressor will not require the 3 minute self-protection status if it is the first time being used. Press “POWER” to power off or power on. Press “POWER”, to restart compressor.
3. The system features an auto memory. If all mode settings have been completed, if there is sudden power interruption, or if the power jack is removed, the system will store the current status and restart at the previous settings once power has been restored.

DEFROST FUNCTION

1. The compressor and fan will shut off when the environmental temperature goes below 5°C or above 38°C
2. Defrost Operation: Compressor will run for 30 minutes. Once the temperature sensor reaches $\leq -1^\circ\text{C}$ (lasts for 10 seconds), the compressor will stop, and defrosting will begin. The fan will continue operation with the defrost light on. Once the pipe temperature reaches 5°C or the defrost operates for 15 minutes, defrosting will end. Note: During defrost, light will remain on until defrost is complete.

ERRORS

1. “E1”: If the temperature sensor fails, an “E1” code will display. The system works in cycles of dehumidification for 30 minutes and defrosting for 15 minutes. A failed temperature sensor should be replaced.
2. “E2”: If the humidity sensor fails, an “E2” code will appear and the humidity adjustment button will not function. The system works in cycles of dehumidification for 30 minutes and defrosting for 15 minutes. A failed humidity sensor should be replaced.
3. “CL”: When the room temperature is $< 5^\circ\text{C}$, a “CL” code will display and the machine will stop running.
4. “CH”: When the room temperature is $> 38^\circ\text{C}$ a “CH” code will appear and the machine will stop running.
5. “LO”: When the room humidity is $< 20\%$ RH, an “LO” code will display and machine will stop running.
6. “HI”: When the room humidity is $\geq 95\%$ RH, an “HI” code will appear and the machine will operate normally.

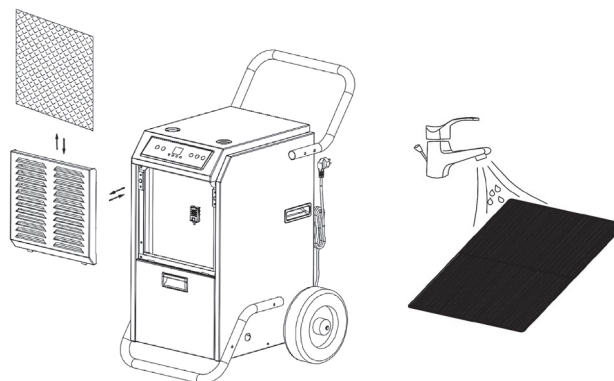
User's Manual



MAINTENANCE

1. Clean the machine with a soft, damp cloth.
2. Remove the louver on the front panel to gain filter access.
3. Remove filter mesh from unit.
4. Use a clean rag to absorb the surface dust on the filter mesh. If the filter is extremely dirty, use tap water to flush it out. Fully dry the filter before replacing it back into the air inlet fence.

A clean filter will increase the unit's overall efficiency.



MACHINE STORAGE

If unused for an extended period of time, please store the unit in the following manner:

1. Clean filter mesh.

⚠ ATTENTION

The internal evaporator must be dry prior to storage to avoid component damage and mold. Unplug the unit and place it in a dry, open area. Another drying method is to set the humidity point 2% higher than the ambient humidity to force the fan to dry the evaporator.

2. Store the power cord in the back of the unit.
3. Store in a clean, dry environment.

ISSUE	CAUSE	SOLUTION
Machine is not operating.	Unit is not plugged in.	Plug in unit.
	Room temperature is under 5°C degrees or above 38°C	For unit safety, use only when ambient temperature is between 5 and 38°C
Machine is operating, but does not dehumidify.	When the humidity set point is 2% higher than the ambient humidity.	Reset humidity levels to a lower set point, or power off unit once optimal humidity levels have been met.
Reduced dehumidifier capacity.	Filter mesh is jammed.	Clean filter mesh in accordance with manual, specifications.
	Air-in and/or Air-out louvers are jammed.	Clear blockage from Air-in and/or Air-out louvers.
No air inlet.	Filter mesh or air-in louver is jammed.	Clean filter in accordance with instructions or remove the louver blockage.
Loud operation.	Machine is situated on an incline or decline slope.	Move unit to an even surface.
	Filter mesh is jammed.	Clean filter mesh in accordance with instructions.

⚠ CAUTION:

Switch off the unit and unplug it immediately if anything abnormal should occur. Contact a qualified electrician. Do not dispose of electrical appliances as unsorted municipal waste; use separate collection facilities. Contact your local government for information regarding the collection systems available.

