

Industrial Dehumidifier Instructions

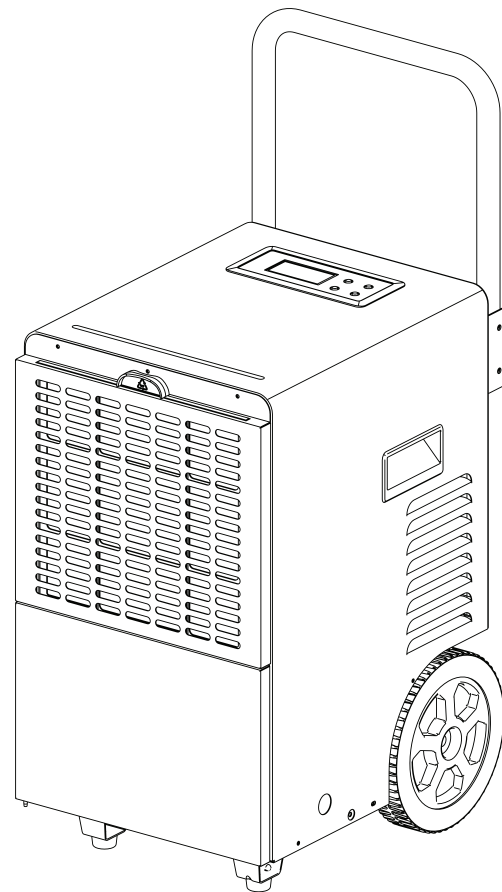
INTRODUCTION

The Faithfull Industrial Dehumidifier removes excess moisture from humid air to limit mould, mildew and condensation. This powerful unit can extract up to 30 litres of water per day to create a healthier environment. Easy to operate touch pad with an LCD screen that displays temperature and humidity and indicates when the tank is full. A 24 hour timer function allows automatic start and stop times to be set. An automatic defrost function will activate if the room temperature drops too low. The unit will automatically shut off when the 7 litre tank is full. An optional continuous drainage function can direct water to a drain or suitable receptacle with the 1M pipe provided. Durable metal housing with heavy-duty wheels for easy manoeuvrability.

IMPORTANT SAFETY INFORMATION

Carefully read the instructions before operating the unit.

- This appliance is for indoor use only. Any other use is not recommended by the manufacturer and may cause fire, electrical shocks or other injury to user or property.
- This appliance can be used by children aged from 8+ years and persons with reduced capabilities if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Rating: This unit must be only connected to a 220-240 V / 50 Hz earthed outlet.
- Avoid touching any moving parts of the appliance.
- Never insert fingers, pencils or any other objects through the guard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities. It is also not intended for use by those with a lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- Never operate this appliance if the cord, power adapter or plug is damaged. Ensure the power cord is not stretched or exposed to sharp objects/edges.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Children should not play with the appliance.
- Any service other than regular cleaning or filter replacement should be performed by an authorized service representative. Failure to comply could result in a voided warranty.
- Do not use the appliance for any purpose other than its intended use.
- Always place the unit on a dry and stable surface.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance should not be stored in a room with ignition sources (for example: open flames, an operating gas appliance or an operating electric heater)
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.



Tools required for assembly:



Pozidriv Screwdriver



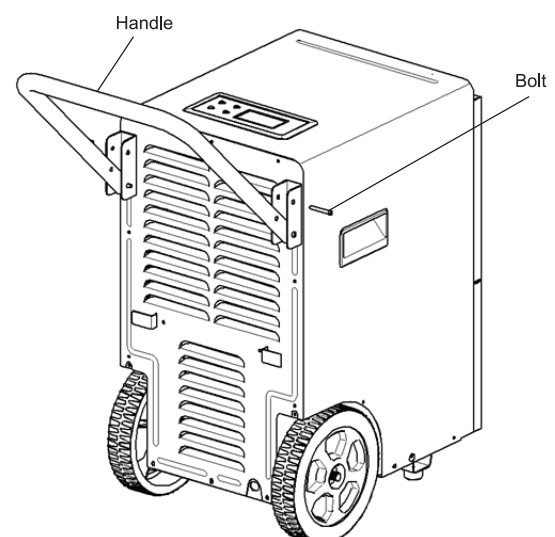
10mm Spanner

ASSEMBLY

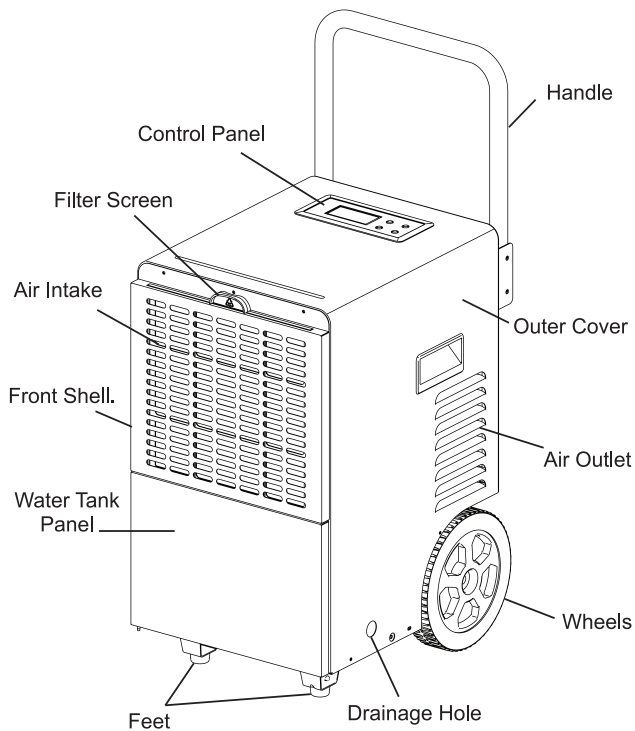
***Note: After installation, the machine must be kept upright for 2 hours before plugging in.**

ATTACHING THE HANDLE

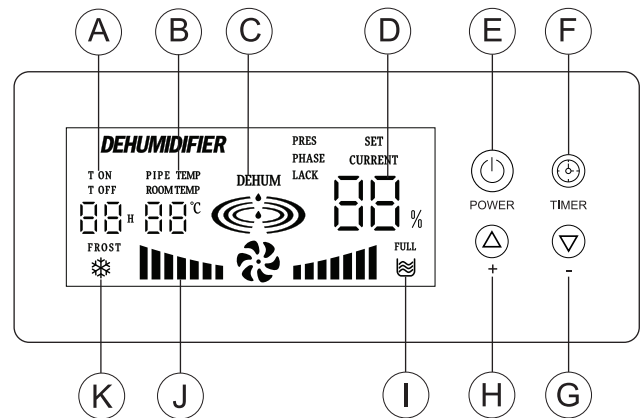
1. Unscrew the two bolts at top of the body.
2. Lift the handle upright and fix in place in with the bolts removed in the previous step.



PRODUCT OVERVIEW



CONTROL PANEL



- | | | |
|----------------------|---------------|---------------------|
| (A) Timer | (E) Power | (I) Water Tank Full |
| (B) Temperature | (F) Timer Set | (J) Air Speed |
| (C) Dehumidification | (G) Minus | (K) Defrost |
| (D) Humidity | (H) Plus | |

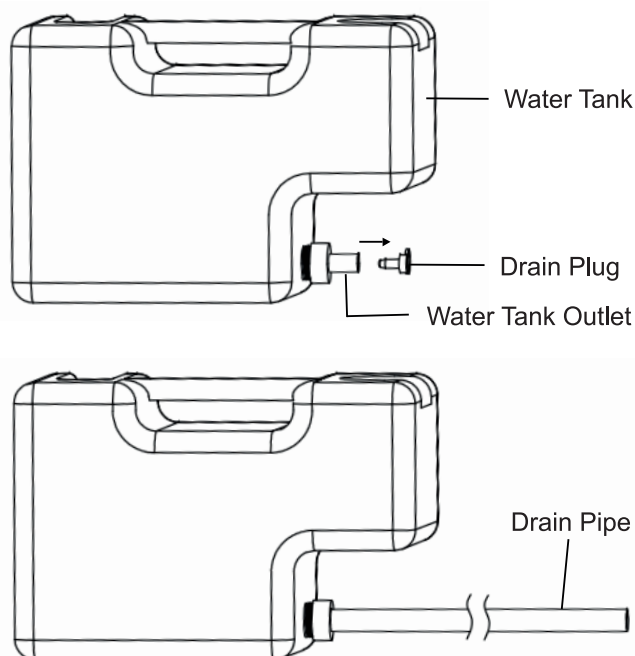
DRAINAGE OPTIONS

Water Tank

The dehumidifier has a removable 7L water tank. When the water tank is full, the machine automatically shuts down and enters the standby state, the LED displays the "Full Water" signal and the buzzer sounds. When the water tank is emptied and put back into place the dehumidifier can continue its operation.

Continuous Drainage

To achieve continuous drainage you need to take out the water tank, remove the plug, and install the drain pipe. Put the water tank back to its original position, and the water pipe goes out through the side plate.



***Tip:** In continuous drainage, the drainage pipe shall not be set higher than the water tank.

FUNCTIONS

Humidity Control

When the room humidity reaches the desired setting, the compressor and fan will shut down and when it's higher than the humidity value set, both fan and compressor operate.

Note

- When the humidity is set at the minimum value, it's defaulted to enter the continuous dehumidifying mode.
- When the machine shuts down, the fan will stop 10s later.

Defrost Mode

The unit enters Defrost Mode after 20 mins if the coil temperature is -1°C or lower. In Defrost mode, the compressor stops but the fan continues to run and the Defrost light turns on.

Note

- Defrost mode ends when the coil temperature is greater than 7°C for 8 mins.
- When its finished the fan and compressor will both resume.

Timer Function

When the unit is powered on, you can set timer to power off, and when it's powered off, you can set timer for powering on. Setting the timer for both powering on and off then initiates the cycle timer mode.

A. Set timer for powering on: When it's powered off, press the "Timer" Button. Press "+" or "-" to adjust the Timer. The buzzer makes a sound once the button is pressed. Holding the button constantly for 2s can continually increase or decrease the time. Leave for 10s once adjusted to the required value, the dehumidifier accepts the new setting and the "Timer On" icon flickers.

B. Set timer for powering off: When it's powered on, press the "Timer" Button. Press "+" or "-" to adjust the Timer. The buzzer makes a sound once the button is pressed. Holding the button constantly for 2s can continually increase or decrease the time. Leave for 10s once adjusted to the required value, the dehumidifier accepts the new setting and the "Timer Off" icon flickers.

PROTECTION

- Once shut down, the compressor takes 3 mins to restart. Quick start is available for the first power-on.
- Power off memory: For abrupt power outage or accidental unplugging of the plug, the system will automatically archive the operating state right before the incident, and continue at that state for the next power-on.
- Full water protection: When the water tank is full, the dehumidifier automatically shuts down and enters the standby state, the indicator light "Full Water" turns on and buzzer sounds.

USER INFORMATION

- The humidity sensor may not function properly in an environment where corrosive gas or heavy dust are present.
- Do not use in an environment where combustible gas, chemicals or biological products are present. Damage caused to the dehumidifier by use in said environment will invalidate the warranty.
- Water may be discharged from the machine after a period of time check water level through use.
- To minimize faults and maximize the lifetime of the machine, press the buttons in a gentle manner.
- The deviation between the humidity shown on the sensor and the actual humidity is normal, due to impact by the location, environment and temperature.
- It is normal for hot to be discharged from the outlet.
- The higher the temperature and humidity of the environment, normally the greater the dehumidifying effect; while the lower the temperature and humidity of the environment, typically the lower the dehumidifying effect.
- It is normal to hear the sound of the circulation of refrigerant when the dehumidifier runs.

PRECAUTIONS



Do not attempt to repair this appliance yourself.



Do not use this appliance in direct sunlight.



Keep out of the way of children when in use.



Do not place this appliance beside a heat source such as a stove or heater.



Do not use this appliance near water.



Unplug the machine before cleaning.

TROUBLESHOOTING

Upon fault of the dehumidifier, please cut off the power supply immediately, unplug the plug and check the following items:

FAULT	CAUSE	SOLUTION
Failure to operate (Shown as no power)	Power outage or broken socket	Check power supply works
	Is it plugged in correctly?	Plug into socket
	Fuse blown	Replace fuse
Failure to operate (Shown as power on)	Room humidity is lower than set value	Reset the value
	Is it water tank in correctly?	Place water tank in correct position
	Is defrosting mode on?	Wait for defrost to finish
Unit not working properly	Obstruction in the air inlet/outlet	Remove obstruction
	Is the door or window open?	Close the door and window
	Room temperature is too low.	Do not use the Dehumidifier
Unit is too noisy	Ground is uneven or unit is not level	Make sure the unit is level and on a firm surface
	Unit is not level	Make sure the unit is level and on a firm surface
Water leakage	Drain pipe/outlet is obstructed	Remove obstruction

ERROR	CAUSE	SOLUTION
E1	Coil fault	Contact the manufacturer
E2/E3	Humidity and and temperature sensor fault	Unplug the unit, rest and plug it back in. If error repeats, call service centre
EE	Refrigerant leak	Turn Machine off and contact manufacturer
HI	Ambient temperature is above 38°C	Wait for ambient temperature to decrease
LOW	Ambient temperature is below -3°C	Wait for ambient temperature to increase

If the above methods still fail to eliminate the troubles, please directly contact the manufacturer.

Do not attempt to disassemble or repair the dehumidifier yourself.

TECHNICAL SPECS

Model	BGD2304-30-X
Moisture Removal Capacity	30L/day(30°C RH80%)
	20L/day(27°C RH60%)
Power Supply	AC220-240V/50Hz
Rated Power	650W(30°C RH80%)
	550W(27°C RH60%)
Rated Current	3.0A(30°C RH80%)
	2.4A(27°C RH60%)
Max Suction Pressure	1.0MPa
Max Discharge Pressure	2.5MPa
Refrigerant	R290/120g
Moisture Protection	IP22
Net Weight	22kg
Product Size	444 x 336 x850 mm



IMPORTANT SAFETY INFORMATION



It is essential that you read and understand the instructions contained in this manual before using the product for the first time. Failure to follow these instructions could result in personal injury or possible damage to the product. This manual should be stored safely for future reference.



DISPOSAL OF THIS PRODUCT

Dear Customer,
If you at some point intend to dispose of this product, then please keep in mind that many of its components consist of valuable materials, which can be recycled. Please do not dispose of this product in the household waste bin, but check with your local council for recycling facilities in your area.



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