

Use and Operation

SETTING UP A DRYING AREA

Use in an enclosed space

You should operate DrizAir dehumidifiers in an enclosed area, as this creates a drying chamber. Close all doors, windows or areas that open to the outside to maximize the unit's water removal efficiency. Also, keep traffic though the drying chamber to a minimum.

How to position the DrizAir dehumidifier

- Place your DrizAir dehumidifier in the middle of a room away from walls and contents
- Keep it away from anything that could prevent airflow into and out of the unit.

Illustration of proper dehumidifier placement

Managing Temperature Rise

DrizAir dehumidifiers warm the air as they remove moisture. Optimal drying temperatures range from 68-85°F (20-29°C).

OPERATING YOUR DRIZAIR DEHUMIDIFIER

Setup: Place dehumidifier upright. If you transport a DrizAir dehumidifier in a horizontal position, set it upright (vertical) for at least 30 minutes before you turn it on. This is necessary because when the machine is horizontal, the oil from the compressor flows into the refrigerant coils reducing the ability of the dehumidifier to function.

Locate drainage system: The Evolution LGR pump connects to a plastic drainage hose. On the DrizAir 1200 and 2000, you'll find the hose wrapped around the air outlet located on the back of the unit. On the 2400, it's just below the outlet (see diagrams to left). Unwrap the entire hose (see caution below) and place the unattached end in a sink, drain, bucket even outside; anywhere that water can drain out safely. If you use a bucket or contained receptacle for water collection, check it regularly.

HOW TO USE THE TOUCHPAD CONTROL KEYS

The Touchpad on DrizAir dehumidifiers has one display and four keys. The normal display messages are:

DEHUMIDIFIER OFF	CMPRSR DELAY
DEHUMIDIFIER ON	PUMP PURGING
TOTAL HRS	DEFROST ON
JOB HRS GET	SERVICE ERO1

When you first plug in the unit, the touchpad display will cycle continuously through three messages: DEHUMIDIFER OFF, TOTAL HOURS, and JOB HOURS.



ON-OFF. Press the ON-OFF key to turn the unit on or off. When turning the machine on, usually the display reads CMPRSR DELAY and performs a numeral count down from a maximum of 60 seconds to 0. The compressor delay gives the machine time to warm up (when needed). If you don't see a compressor delay countdown, the machine is ready to go. Once the unit completes the CMPRSR DELAY, the display reads DEHUMIDIFIER ON, and continues to cycle between TOTAL HOURS, JOB HOURS and DEHUMIDIFIER ON.

Press the ON-OFF key again to turn the unit off. The display will read DEHUMIDIFIER OFF.

Place dehumidifier upright. If you transport a DrizAir dehumidifier in a horizontal position, set it upright (vertical) for at least 30 minutes before you turn it on.



PURGE. Press the PURGE key to empty water from the pump reservoir. During normal operation, the pump purges automatically every six minutes, or whenever the reservoir is full. The display will read PUMP PURGING with a numeral countdown.

To purge the pump manually:

- 1) Turn the power off using the OFF key, and let the unit sit plugged in for about 10 minutes. This Allows ater to drip from the coils.
- 2) Press PURGE to remove residual water.

Defrost cycle

During normal operation, the temperature sensor detects frost forming on the coils, causing a defrost cycle to start. The display will read DEFROST ON. Dehumidification stops during the defrost cycle. When the unit completes the cycle, the display returns to DEHUMIDIFIER ON.

Error messages

When the display menu shows the error message "GET SERVICE," followed by "ER01" or another numeral, follow these steps:

1. Unplug the unit and then plug it back in. This may re-set the electronics.
2. If that does not fix the problem, try the solution (if one is listed) in the "Error Message Table" to the left.

ER 1,2,3,5,6	Problem with electronic control panel.
ER 4	Check the temperature or sensor cable.
ER 8	Check the touchpad key. Press and release each key several times.
ER 9	Check for obstructions or kinks in the drain hose.

WIDTH 20" (50 CM)

DEPTH 19.5" (50 CM)

DRAIN HOSE LENGTH 40 FT (12.2 M)

OPERATING RANGE 33° - 100° F (1° - 38° C)

WATER REMOVAL AHAM 64 PT/DAY (30 L)

HOUR METER YES

WHEELS SEMI-PNEUMATIC

HOUSING ROTOMOLDED

COMPRESSOR TYPE 6,670 BTU ROTARY

DEFROST TYPE HOT-GAS BYPASS

PROCESS AIR 227 CFM (386 CMH)

HEIGHT 32" (83 CM)

USE WEIGHT 80 LB (36 KG)

WATER REMOVAL MAX 123 PT/DAY (58 L)

CONTROLS TOUCHPAD

TYPE STANDARD REFRIGERANT

AIR FILTER 3M™ HIGH AIRFLOW*

HANDLE TELESCOPING

POWER 115V 6.4 AMPS

CORD LENGTH 25 FT (7.6 M)

SAFETY MARKS UL, C-UL