

## SPECIFICATIONS

SPECIFICATIONS	BD150	BD150-CR
Model No.	10245RW-US	10250BW-US
Height	36" (914mm)	36" (914mm)
Width	24" (610mm)	24" (610mm)
Depth	24" (610mm)	24" (610mm)
Weight	146 lbs (66kg)	146 lbs (66kg)
Voltage	110 V	110 V
Phase	1	1
Frequency	60 Hz	60 Hz
Current	13 A	13 A
Power	2kW	2kW
Airflow	650cfm (1098m3/hr)	650cfm (1098m3/hr)
Noise Level	72 dba	72 dba
Refrigerant	R22	R22
Effective Volume	10,594 cu.ft (300m3)	10,594 cu.ft (300m3)
Typical Extraction	97 ppd	97 ppd
Minimum Operating Temp	33°F (1°C)	33°F (1°C)
Maximum Operating Temp	95°F (35°C)	95°F (35°C)

FEATURES	BD150	BD150-CR
MODEL NO.	10245RW-US	10250BW-US
On / Off Control Rotary Switch	✓	✓
Integral Handle for easy mobility	✓	✓
Fitted Mains Plug	✓	✓
Large Diameter Rugged Wheels	✓	✓
Electronic Cycle Timer	✓	✓
Effective Reverse Cycle Defrost System	✓	✓
25' Length Power Cord	✓	✓
Epoxy Powder Coating	✓	✓
Integral Condensate Pump	✓	✓

## APPLICATION

The EIPL BD150 Professional Dehumidifier is the ideal unit for commercial and residential work. Its easy manoeuvrability permits one man operation, yet has the capacity to handle several room-size areas at a time. Best of all it's affordably priced within the budget of most restoration specialists

## KEY DESIGN FEATURES

- Rugged Wheels
- Collapsible Handle for easy transport
- Extra long power cord (25')
- Effective, reverse cycle defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures.
- Rugged, epoxy powder-coated steel chassis and housing.
- Simplicity of installation and operation with a standard 115V plug .



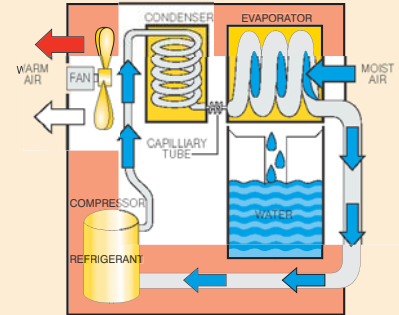
# BD150 & BD150-CR DEHUMIDIFIER



**A FULL RANGE OF • HIGH CAPACITY • LOW TEMPERATURE  
DEHUMIDIFIERS FOR WATER DAMAGE RESTORATION**

# HOW A DEHUMIDIFIER WORKS

1. Air is drawn into the unit by a fan
2. Air passes over a cold surface
3. As the air is cooled, it's moisture condenses
4. Water falls into the container
5. Air is re-heated by the heat recovery system
6. Air passes back into room 2°C warmer and considerably dryer
7. Defrost system automatically de-ices unit as necessary
8. Unit switches off automatically when container is full
9. When the unit achieves the selected level of dryness it switches off automatically



## PROVEN PERFORMANCE

The EIPL BD150 Dehumidifier is a rugged, yet portable mobile piece of equipment, that will operate under extreme conditions and pull large amounts of moisture from the air. Whenever there is a need for fast dependable, energy-efficient drying, EIPL can provide the answer. The high efficiency defrost system ensures the maximum extraction at low ambient temperatures.

APPLICATIONS	BD150	BD150-CR
MODEL NO.	10245RW-US	10250BW-US
Flood & Restoration	✓	✓
Roof Leaks	✓	✓
Basements / Cellars	✓	✓
Rental Yards	✓	✓
Vehicle Storage	✓	✓
Hotels / Guest Houses	✓	✓
Stores	✓	✓
Laboratories	✓	✓
Offices	✓	✓

## THE PROBLEM

EIPL is a recognized world wide supplier of flood restoration drying equipment. We offer a variety of dehumidifiers and air movers to remove water and assist with drying areas after water damage. Following a flood, whether it is in your basement or office, it's vitally important to restore the damaged area to good order as soon as possible to protect your health from microorganisms, mold and bacteria that may grow and ultimately prevent further damage. Whether it is a flash flood, hurricane, heavy rains or water main break, EIPL has the equipment to handle the harshest environments and assist with proper restoration.

## THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The BD150 dehumidifier, with its temperature sensitive defrost control ensures optimum performance throughout the units full operating temperature range.

Moisture is removed from the air through an efficient refrigeration process. The fan draws the moist air through the cold evaporator coil, which cools the air below its dew point. Moisture forms on the evaporator coil and is collected in the condensate tray. The cooled air then passes through the hot condenser coil where it is reheated using the same energy removed during the cooling phase, plus the additional heat generated by the compressor. The air is, therefore, discharged from the dehumidifier at a slightly higher temperature with a lower absolute humidity than that which entered. Continuous circulation of air through the dehumidifier gradually reduces the relative humidity within the area.

The large diameter wheels of BD150 allows the unit to be easily moved and transported from job to job.



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