

SPECIFICATIONS

SPECIFICATIONS	BD80	BD80-XE
Model No.	10264SR-US	10264GR-US
Height	34" (863mm)	34" (863mm)
Width	17" (431mm)	17" (431mm)
Depth	26" (660mm)	26" (660mm)
Weight	97 lbs (44kg)	101 lbs (46kg)
Voltage	110 V	110 V
Phase	1	1
Frequency	60 Hz	60 Hz
Current	7 A	7 A
Power	880W	880W
Airflow	360cfm (608m3/hr)	360cfm (608m3/hr)
Noise Level	57 dba	57 dba
Refrigerant	R22	R22
Effective Volume	8,369 cu.ft (237m3)	8,369 cu.ft (237m3)
Typical Extraction	56 ppd	56 ppd
Minimum Operating Temp	33°F (1°C)	33°F (1°C)
Maximum Operating Temp	95°F (35°C)	95°F (35°C)

FEATURES	BD80	BD80XE
MODEL NO.	10264SR-US	10264GR-US
On / Off Control	✓	✓
Electronic Defrost Control	✓	✓
Compressor Type	Rotary	Rotary
Fitted Mains Plug	✓	✓
Rugged Wheels	✓	✓
Integral Condensate Pump		✓
Pump Purge Switch		✓
Hours Run Meter	✓	✓
Hot Gas Defrost System	✓	✓
Quick Release Hose Coupling		✓
25' Length of PVC Drain Hose		✓
Epoxy Powder Coating	✓	✓
Cable Wrap Facility	✓	✓
Quiet Operation	✓	✓
Gravity Drain	✓	

APPLICATION

The EIPL BD80 range of Professional Dehumidifiers are the ideal units for commercial and residential work. Its compact size permits one-man operation, yet it 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
- Integral Handle for easy transport
- Hours Run Meter providing accurate run time measurements
- High efficiency rotary compressor.
- Extra long power cord (16')
- EIPL's unique "Hot Gas" 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 .
- BD80-EX – ADDITIONAL FEATURES
- Integral condensate pump capable of 20' vertical lift
- Extra long drain hose (25')



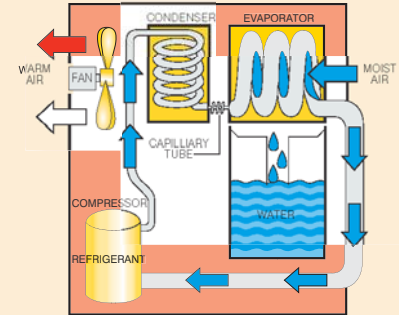
BD80 & BD80-XE DEHUMIDIFIER



**HIGH CAPACITY • COMPACT • LOW TEMPERATURE
DEHUMIDIFIERS FOR PROFESSIONAL
WATER DAMAGE AND CARPET SPECIALISTS**

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, its 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 BD80 range of Professional Dehumidifiers are rugged, yet mobile pieces 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 Rotary compressor ensures the maximum extraction with the lowest running costs.

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.

APPLICATIONS	BD80	BD80-XE
Flood & Restoration	✓	✓
Roof Leaks	✓	✓
Basements / Cellars	✓	✓
Laundries	✓	✓
Vehicle Storage	✓	✓
Hotels / Guest Houses	✓	✓
Second Homes	✓	✓
Laboratories	✓	✓
Offices	✓	✓

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The BD80 range are high capacity dehumidifiers, made to operate at high efficiencies by removing moisture from the air through the 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. Because the BD80-XE unit is equipped with an internal condensate pump, the equipment is ideal for unmanned situations, removing the need to empty buckets / containers. The neat pump purge facility allows the condensate pump to be drained before moving to another location and prevents water spillage during transport.

The small, compact size of the BD80 allows the unit to be easily moved and transported from job to job.



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