



ORION Dehumidifier

KEY DESIGN FEATURES

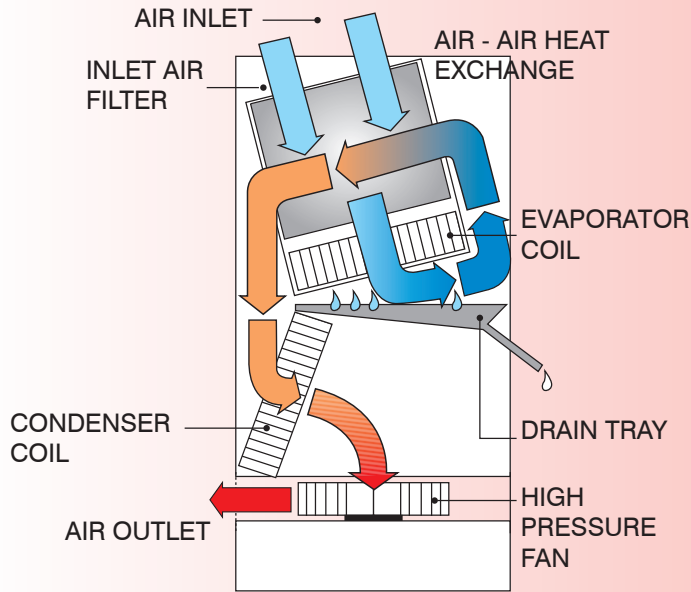
- High Capacity.
- High efficiency, Low Amp Draw Rotary Compressor.
- 2 stage air cooling with "Air to Air" heat exchange.
- High Static Backward Curved Fan.
- Extra long power cord complete with a GFI Plug.
- Temperature Sensitive Defrost control for optimum performance.
- Effective, reverse cycle defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures.
- Rugged, epoxy powder-coated steel chassis and housing.
- Washable Air Filter.
- Integral Condensate Pump with Purge Feature.

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

SPECIFICATIONS

SPECIFICATIONS		FEATURES	
ORION 11270GR-US		ORION 11270GR-US	
Height	44" (736mm)	On / Off Control	✓
Width	24" (508mm)	Temperature Sensitive Defrost Control	✓
Depth	22" (381mm)	Reverse Cycle Defrost System	✓
Weight	165 lbs (75kg)	Hours Run Meter	✓
Voltage V / P / Hz	115 / 1 / 60	Low Amp Draw	✓
Current	8A	Integral Condensate Pump	✓
Power	900W	Pump Purge Switch	✓
Airflow	360cfm (611m3/hr)	2 Stage Cooling	✓
Noise Level	57 dba	Washable Filter	✓
Refrigerant	R454c	Fitted Mains GFI Plug	✓
Effective Volume	10,594 cu.ft (300m3)	Quiet Operation	✓
Typical Extraction	105 ppd	Compressor Type	Rotary
Minimum Operating Temperature	33°F (1°C)	Quick Release Hose Coupling	✓
Maximum Operating Temperature	105°F (40°C)	25' Length of PVC Drain Hose	✓
		25' Length Power Cord	✓
		Power Cord Wraps	✓
		Rugged Wheels	✓
		Epoxy Powder Coating	✓

ORION AIR PATHS - DUAL COOL



APPLICATIONS

ORION

Flood & Restoration	✓
Roof Leaks	✓
Basements / Cellars	✓
Laundries	✓
Vehicle Storage	✓
Hotels	✓
Laboratories	✓
Offices	✓

APPLICATION

The EIPL Orion Professional Dehumidifier is the ideal unit for commercial work. Its compact size 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

PROVEN PERFORMANCE

The EIPL Orion Dehumidifier is a rugged, yet mobile, piece of equipment that will operate under extreme conditions and pull large amounts of moisture from the air. The Orion incorporates an "Air To Air" Heat Exchange which provides a secondary level of pre-cooling. The high capacity backward curved fan will maximize air delivery over long distances. 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 DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The Orion dehumidifier, with its 2 stage cooling process and temperature sensitive defrost control, ensures optimum performance throughout the unit's full operating temperature range.

Moisture is removed from the air through an efficient refrigeration process. The fan draws the moist air through and "Air to Air" heat exchanger, where the incoming air is pre-cooled. The air is then drawn through the evaporator coil which further 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

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.

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.



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