SPP6A DEHUMIDIFIER

SPECIFICATIONS

Specifications	SPP6A
Model No.	1139800
Height	10” (254mm)
Width	11.8” (300mm)
Depth	18.5” (470mm)
Weight	55lbs (25kg)
Voltage	110V
Phase	1
Frequency	60 Hz
Current	5 A
Power	510W
Airflow	247cfm (419m3/hr)
Noise Level	52 dba
Refrigerant	R134a
Effective Volume	3,000 cu.ft (85m3)
Typical Extraction @ 80°F 60%	11 ppd
Min Operating Temp	33°F (1°C)
Max Operating Temp	131°F (55°C)

Features	SPP6A
Model No.	1139800
On/Off Control (Via The H/stat)	✔
Electronic Defrost Control	✔
Compressor Type	Reciprocating
Antivibration Rubber Feet	✔
Free Standing Stand	✔
Adjustable Control Humidistat	✔
Hot Gas Defrost System	✔
Carrying Handles	✔
Remote Indicator Box	✔
Power On Indicator	✔
Drying Indicator	✔
High RH Indicator	✔
Preset “High RH” Humidistat (60%)	✔
Epoxy Powder Coating	✔
Gravity Drain (1/2” O/D)	✔

APPLICATION

The EIPL SPP6A portable dehumidifier has been designed to be used over a wide temperature range, and combines lightness, compcatness with high reliability.

Originally designed to be extensively used in container bodies, where sensative equipment is installed. The SPP6A will maintain low humidity levels in all storage conditions.

The Free Standing collapsible stand allows the equipment to installed in “Tented Storage” of military vehicles.

The small compact design make the unit the ideal choice for installation within most armored vehicles whilst in storage.

You can rely on this durable unit to perform faithfully without complicated maintenance or costly downtime.

KEY DESIGN FEATURES

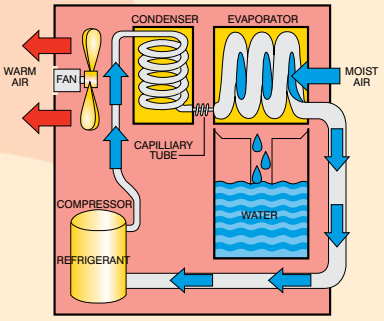
- Concealed control humidistat to maintain the level of dryness
- A convenient drain point for condensate collection of hose attachment
- EIP’s unique “Hot Gas” defrosting feature which automatically melts away frost buildup providing effective operation at low ambient temperatures
- Sturdy military-type carrying handles
- Totally enclosed coils in an epoxy-coated, heavy gauge steel case
- Preset High RH Humidistat
- Remote Indicator Panel
- Free Standing, Collapsible Stand

EIP INC

HIGH CAPACITY • LOW TEMPERATURE
INDUSTRIAL INSTITUTIONS • RENTALS • CRAWL SPACES

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



Applications	SPP6A
Model No.	1139800
Military Equipment Storage	✔
Warehouse	✔
Basements	✔
Factories	✔
Water Damage Restoration	✔
Sports Halls	✔
Storage Areas	✔
Laboratories	✔

Applications	SPP6A
Model No.	1139800
Oil Rigs	✔
Agriculture	✔
Kitchens	✔
Pumping Stations	✔
Hotel / Motel	✔
Stadiums	✔
Ships / Barges	✔

THE PROBLEM

Excess humidity in your crawl space, warehouse, office factory or shop results in corrosion, mold growth and rotting. Enormous costs are incurred every year through damage to inventory and through inflated building maintenance costs as a result of dampness. Even if your building seems dry during the day, at night when the temperature falls the humidity rises and the condensation process begins. The compact physical size, and high performance, makes the EIPL SPP6A dehumidifier family the ideal choice for small spaces.

THE DEHUMIDIFIER

EIPL dehumidifiers are effective solutions to environmental control problems. The EIPL range of units 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, which is equipped with an internal condensate pump for easy removal of collected moisture. 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 CD ranges of units are equipped with an internal humidistat, they automatically switch on and off to save energy and expense by maintaining the desired level of humidity with intermittent operation.

The additional features of the SPP6A make the unit the ideal choice for installations where remote monitoring is required. The remote indicator panel can be mounted outside the equipment being dried, therefore allowing monitoing, without having to disturb drying process

Ebac Industrial Products Incorporated, 700 Thimble Shoals Blvd.
Suite 109, Newport News, VA 23606-2575

Tel: (757) 873-6800 Fax: (757) 873-3632 www.ebacusa.com

EIP INC