



PP6 & SPP6 DEHUMIDIFIER RANGE

The PP6 - robust compact units designed for the humidity control of volumes up to 85 m³ - 3000 ft³.

The units incorporate an automatic defrost system to enable operation down to 0°C. Units are thermally protected and will switch off if their maximum operating temperature is exceeded (approximately 55°C for the PP6).

The PP6 has been specially designed for use over a wide temperature range. It combines lightness and compactness with a high reliability and strength specification built to conform to specifications D/DGFVE/12/2 and which includes vibration tests at a frequency of 1:15Hz with an amplitude of ± 0.05 in.

Units can be fitted with humidistats and other voltages can be supplied. Larger units are also available.



The PP6 Dehumidifier designed to MOD specifications for use over a wide temperature range, combining lightness, compactness and high reliability.

Used extensively in Container Bodies where sensitive equipment is installed the PP6 will maintain low humidity levels in all storage conditions.

An automatic defrost system is incorporated for operation at low temperatures and a thermal cut-out for high temperature operation.

The PP6 conforms to MOD specifications D/DGFV/12/2. DGFE Tech Doc. No. 1009 V/PIP/31.

The SPP6 Dehumidifier is built to the same specifications as the PP6 with additional features for the particular requirements of Armoured Fighting Vehicles 'out-of-use' storage.

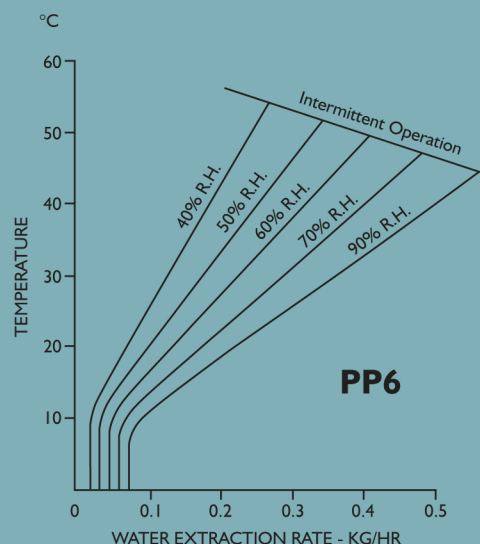
Non-spill drip trays permit vertical and horizontal handling, this combined with the large carrying handles, allow fast and easy installation and removal through hatches and other restricted apertures.

The close tolerance remote Humidity Sensor controlling to $\pm 2\%$ RH, installed at the most sensitive part of the vehicle ensure absolute protection.

Continuous digital RH readout displayed on the externally mounted Indicator Unit fixed to the vehicle by means of a magnetic limpet, allow non-specialist personnel to monitor storage conditions.

The SPP6 is used for operational storage of the Chieftain MBT and offers the following advantages over other storage systems.

1. Low cost
2. Minimum manpower during installation and removal
3. Quick re-activation time
4. Unrestricted access to vehicle
5. Permanent digital RH readout simplifying storage monitoring
6. No vehicle modification required.



	PP6	SPP6
STANDARD POWER SUPPLY ¹	240V 1PH 50HZ	240V 1PH 50HZ
WATER EXTRACTION RATE ²	300 grams/hr	300 grams/hr
AIRFLOW	420m ³ /hr	480m ³ /hr
MAX OPERATING VOLUME	85m ³	85m
POWER CONSUMPTION	320W	250W
START CURRENT	4.8A	4.5A
RUN CURRENT	1.7A	1.5A
OPERATING RANGE	-31°C to 55°C	-31°C to 50°C
WEIGHT	25kg	25kg
CONTROL	Built-in humidistat	Remote humidistat

¹Other power supplies available

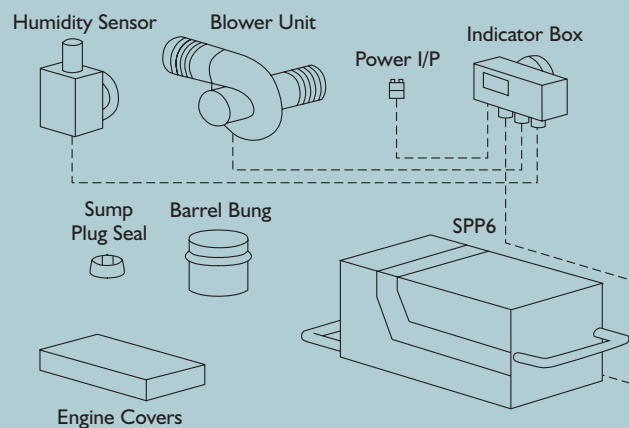
²Extraction figures taken at 24°CDB, 80%RH

DEHUMIDIFICATION EQUIPMENT

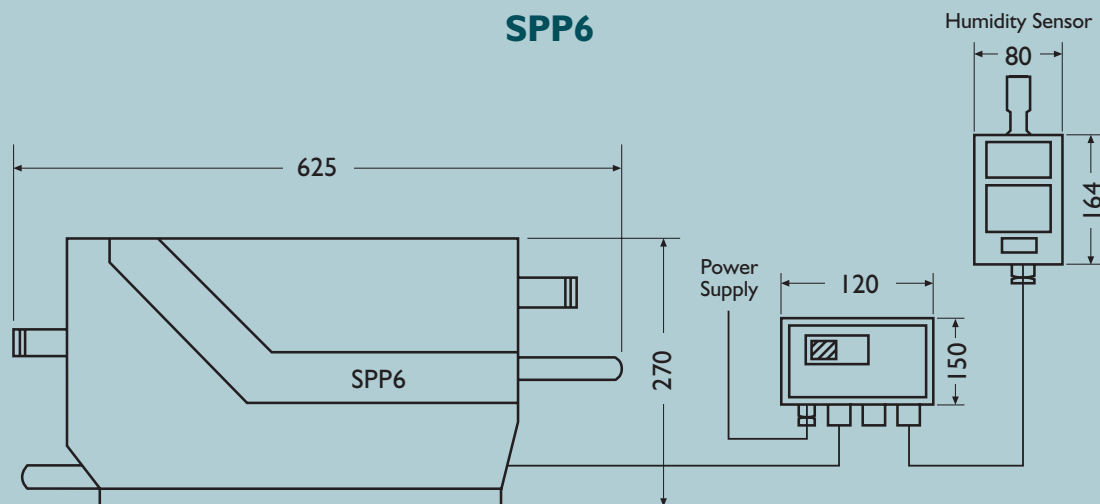
The function of a dehumidifier is to economically remove moisture from the air, whilst maintaining a controlled humidity level. Lack of property humidity control exposes valuable equipment and supplies in storage to damage caused by corrosion, mould growth and general dampness. By maintaining the humidity between 45% and 50% relative humidity (RH), these problems can be avoided.

The Ebac Industrial Products range of military specification dehumidifiers are designed and built to the same high standards as our air-conditioning and NBC products. Units are currently deployed with several North Atlantic defence agencies and have gained technical approval among Asian countries and others after comprehensive testing.

CHIEFTAIN Mk2 OPERATIONAL READINESS STORAGE SYSTEM



SPP6



For more information on military air conditioning systems contact:

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