



# SSD

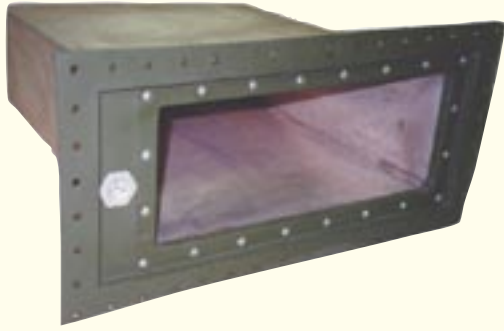
## SHELTER STATIC DEHUMIDIFIER

Protects commercial off-the-shelf (COTS) equipment from rust, mildew and corrosion

Patent No. 4999034



## UNIT CONSISTS OF HOUSING AND REMOVABLE CANISTER

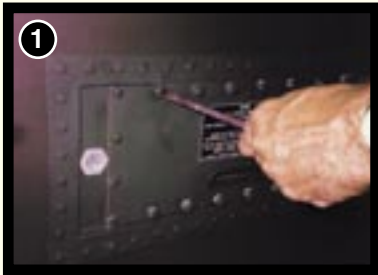


## SSD FEATURES

- ✱ SAVES ENERGY—NO POWER REQUIRED TO OPERATE UNIT.
- ✱ PROTECTS EQUIPMENT IN MOBILE SHELTERS FOR UP TO TWO YEARS WITHOUT DESICCANT CHANGE.
- ✱ CAN BE RECHARGED FROM OUTSIDE OF ENCLOSURE.
- ✱ ONLY REQUIRES AN 8<sup>1</sup>/<sub>4</sub>" X 19<sup>1</sup>/<sub>4</sub>" MOUNTING SPACE.  
Note: On HMMWV shelter the SSD unit fits in unused space forward of wheel well.
- ✱ USES INEXPENSIVE STANDARD BULK SILICA GEL DESICCANT PER MIL-D-3716

**Electromagnetic Shielding.** Unit is shielded from electromagnetic interference (EMI), providing at least 60 db attenuation to electric and magnetic fields in the frequency range from 150 KHz to 10.0 GHz.

## EASY 6-STEP PROCEDURE TO REPLACE DESICCANT



1 With screwdriver, release quarter-turn fasteners on canister.



2 Remove canister from housing.



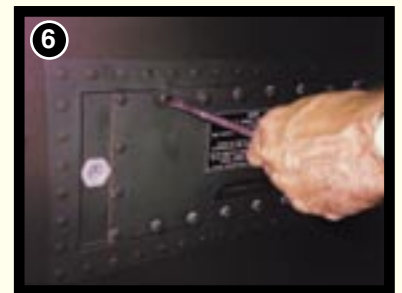
3 Remove cover from canister.



4 Empty used desiccant.



5 Pour fresh desiccant into canister.



6 Reinstall canister into housing.

# ADDITIONAL FEATURES



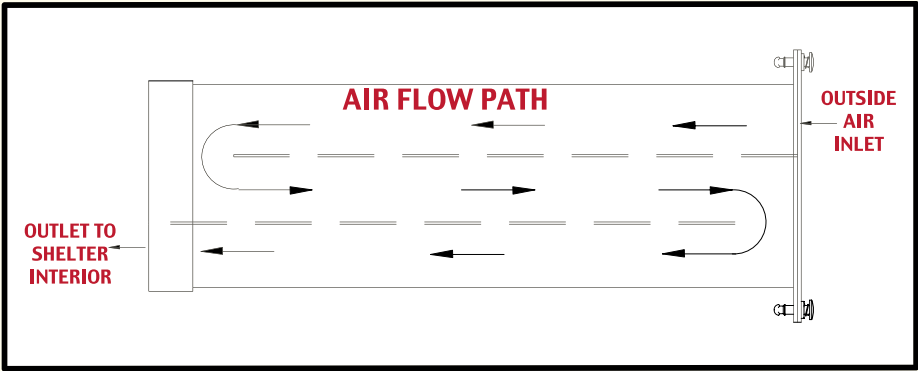
Externally mounted humidity indicator monitors the internal relative humidity of the shelter. Indicator changes from blue to pink as humidity increases.



Label provides clear instructions for operation of unit and replacement of desiccant.



Breather port is closed when shelter is operative and is open only when shelter is not in use.



Outside air passes through the integral 54" long path of silica gel desiccant before reaching inside of shelter, thereby maintaining a dry atmosphere in the shelter for a prolonged period of time.

## Overall dimensions

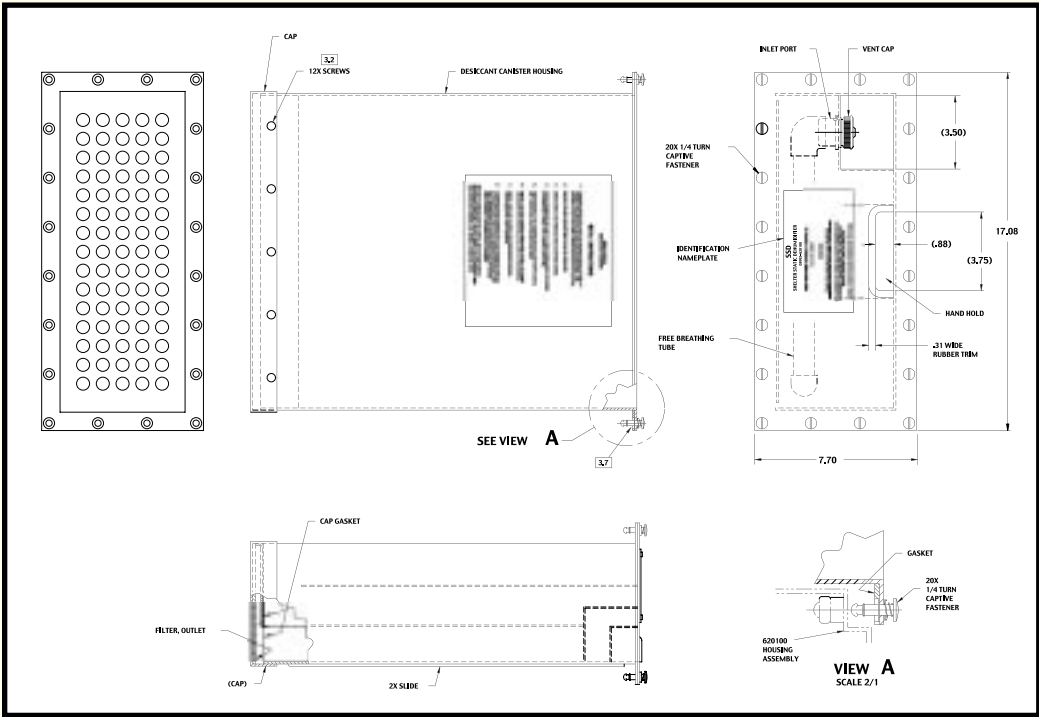
Width 21.82"

Height 10.82"

Depth 19.66"

Weight (empty) 25 lbs.

Holds 35 lbs. of silica gel desiccant.



## SSD-V ALTERNATE CONFIGURATION



This unit is designed to fit in areas where there is a larger mounting surface available (11<sup>3</sup>/<sub>4</sub>" x 23" required). Also, it does not project into the shelter. Note: Electromagnetic interference (EMI) protection is available as an option.

### Overall dimensions

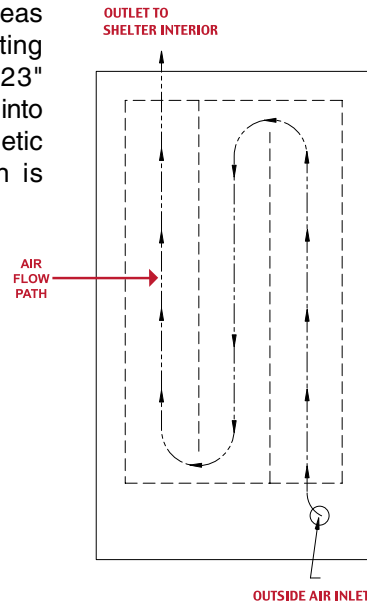
Width 14.50"

Height 25.50"

Depth 7.00"

Weight (empty) 19 lbs.

Holds 35 lbs. of silica gel desiccant.



## OTHER QUALITY PRODUCTS BY AGM

**AGM CONTAINER CONTROLS, INC.**, backed by four decades of leadership in the manufacture of container hardware, has developed many products for military, electronic and industrial packaging, handling, storage and transportation applications. Individual catalogs describing these products are available upon request. You are also cordially invited to phone, fax or e-mail for specific information regarding custom design, or to request assistance on your current and future requirements.

**BREATHER VALVES** Prevent excessive pressure or vacuum buildup in sealed containers, reducing weight, cube and cost. Meet SAE AS27166. Related item: Manual Relief Valves.

**IMMERSION PROOF BREATHERS** Permit air pressure equalization, but keep out liquid water. For use on membrane keyboards and similar pressure sensitive equipment that must operate under rain or water submersion conditions.

**DESICCATORS** Standard and custom-designed static drying units to fit a wide variety of applications. Valves and/or humidity indicators can be incorporated.

**TIE DOWNS** Patented over-center action of KevLok® fastener locks in tension. Adjustable. Holds tight, with quick release. Assemblies for military, industrial and recreational purposes. Also available: ratchet and cam buckle assemblies.

**TIE DOWN SHELVING** For transport of delicate instruments in vans, trailers, etc. Meets Navy MIL-S-901D shock test for shipboard use. Padded aluminum shelving has recessed channels which accept adjustable KevLok® straps with quick attach/release end fittings.

**SHELTER STATIC DEHUMIDIFIERS (SSD)** Protect COTS equipment in mobile shelters for up to two years on a single bulk desiccant charge. Can be recharged from outside shelter.

**HUMIDITY INDICATORS** Provide external monitoring of humidity levels inside containers. Meet SAE AS26860. Related items: Propellant Leak Detectors and Observation Windows.

**RECORDS HOLDERS** Provide access to documentation or accessories without opening container. Records Holders compartment is sealed from the inside of the container.

**DESICCANT** AGM is a stocking distributor of Süd-Chemie Performance Packaging's Desi Pak® (which exceeds MIL-D-3464E requirements maintained within MIL-STD-2073-1C), Sorb-It®, Tri-Sorb®, Desi View® and Container Dri® products. Custom packaging of bulk desiccant available.

**DRUMVENT DRYERS** Prevent contamination of chemical products (powders, liquids and semi-solids) in 55-gallon storage drums. Reusable – saturated color change silica gel desiccant is easily replaced.

**SHOCKMASTER®** Shock overload indicators provide low cost detection of transport and handling damage. Compact, accurate and reusable. "Red-flags" shipments which have been subjected to excessive shock or vibration.

**SHOCKWATCH** Single-use impact-detection device guards against careless handling. Self-adhesive label incorporates a tiny liquid filled tube that turns red when package is dropped.