

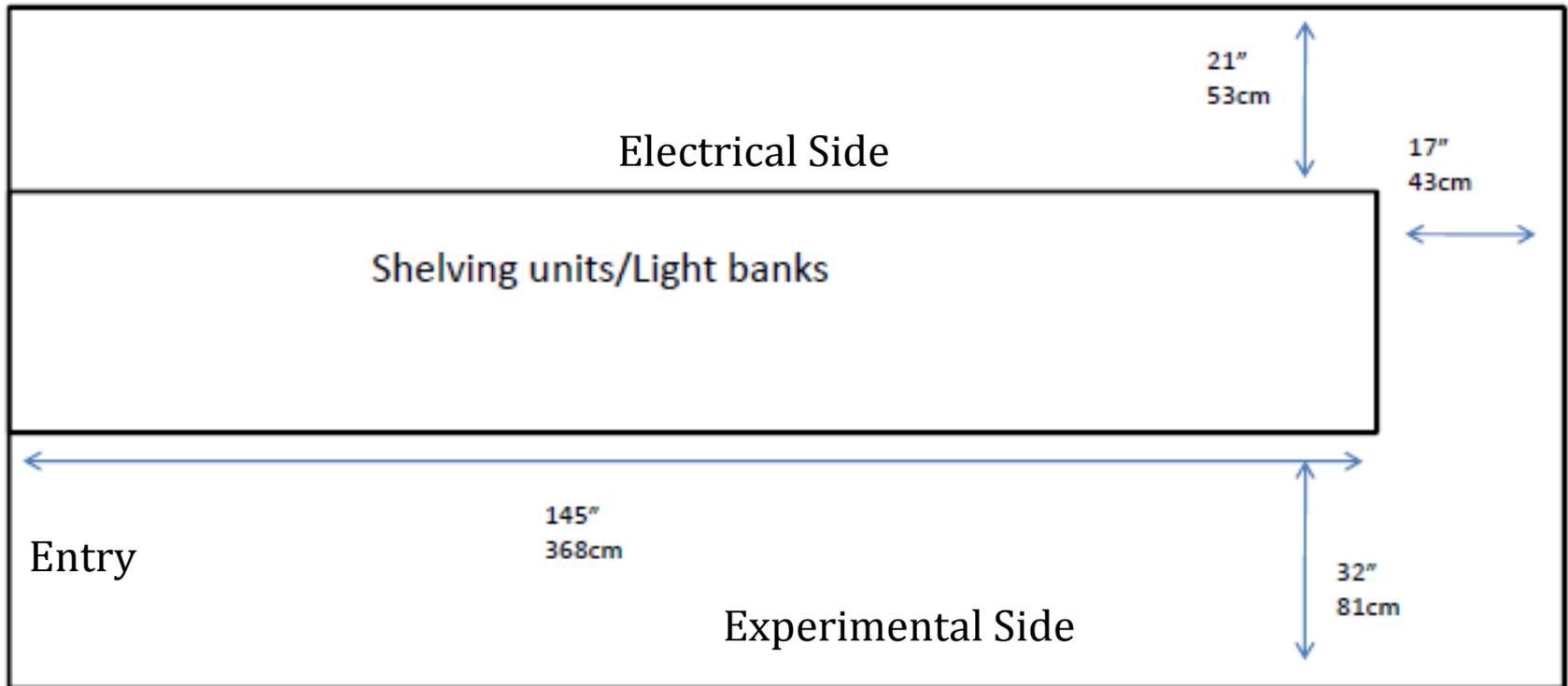
Freezer & Light Van #14



National Science Foundation



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Freezer milvans are built to contain cold storage items or create an environmentally controlled workspace for temperature-dependent research. The USAP vessels provide separate shared-use freezer laboratories (vans) to control external temperature variations and influence. Primarily, these vans are designed to protect preserved samples from degradation and variance until safely transported to their home institution.

This milvan also contains an installed suite of light banks for light-sensitive specimens or living organisms needing an incubation period for continued analysis.

This van does not have a vestibule with a person door that can be opened from the inside. Therefore, this van cannot be used on the main deck on either vessel.

This van has been designated specifically for an environmental control of +4°C to -25°C



Freezer & Light Van #14 Principal Features and Technical Information

General

| | |
|---------------|-----------------------------|
| Owner | National Science Foundation |
| Manufacturer | |
| Purchase Date | |
| Condition | Good |

Specifications

| | |
|----------------|--------------------------|
| Length Overall | 18.33 ft exterior |
| Width | 6.81 ft. |
| Height | 6.81 ft. |
| Ventilation | High Capacity Circulator |

Refrigerant

R404a

Installed Fixtures/Equipment

High capacity air circulation system to ensure even temperature throughout the lab compartment

Light Banks with shelving

Function

Cold Storage or controlled incubations down to -25°C

Electrical

IEC309 plug to vessel. 220v



Installed Light Information

Bulb

Phillips TL-D 18W Blue SLV

2' and 4' bulbs

Tubular low-pressure mercury vapour discharge lamps with a tube wall internally coated with a white fluorescent powder to convert the UV radiation produced by the mercury gas discharge into visible light

Light Intensity

Luminous Flux Lamp EM: 400Lm

Specifications

Color Code: 18

Color Designation Blue

Chromaticity Coordinate X: 157

Chromaticity Coordinate Y: 75

Photometric data

