

Defib Store 4000

Owner's Manual



Defib Store 4000 Cabinets

DFS4K442PLLE

<https://aedteam.com>
(844) AED-1600

“

Saving a
Life



deserves the
BEST *protection* ”

Thank you for selecting this Defib Store cabinet

Outdoor Defib Store 4000 polycarbonate enclosure with heating, lighting and secure access features.

Designed and fabricated by Defib Store Ltd

Manufactured in the UK, our outdoor defibrillator enclosures are designed to protect your device, giving you peace of mind that your AED is safe and ready for rescue. Defib Store only selects quality components to produce a robust and industry leading solution at an affordable price.

Please ensure all instructions & maintenance guidelines are followed to keep your warranty valid.



You must register your enclosure with the 911 emergency communications center that provides service to the location where the enclosure will be placed. The exact address, location description, and access code must be provided to the 911 emergency communications center to enable telephone guided access and relaying the access code in the event of an emergency.

Please obtain written acknowledgement from the 911 communications center that the enclosure location, specifics and access code has been added to their system before placing your emergency equipment in service.

SEE YOUR SUPPLEMENTAL AED DEPLOYMENT CHECKLIST

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DO NOT ATTEMPT TO MODIFY THIS CABINET



It is imperative that only the supplied fittings in the fastening kit are used for the installation to ensure warranty and integrity.



Please ensure all installation instructions and maintenance guidelines are followed, in order to keep your warranty intact.



For coastal locations (within 5 miles from the coast), defibrillators should be housed in our polycarbonate cabinets.



Please ensure all installation works are conducted by licensed electrician.

Product Recording

Please record your product details below and retain this information. This information will be useful in the event you need accessories or service and required for warranty purposes.

Date Purchased

Supplier

Serial Number

*

Date Installed

Access Code

**

- * The serial number will normally be located on the cabinet data label on the underside of the cabinet
- **Your access code has been set at the factory. Please note changing your lock code could void your warranty. Please speak to your supplier if you are considering changing the code.

Please note!

Always remove code label before any deployment or imagery being marketed are shared with media outlets.

Product Specification

The Defib Store 4000 has been designed and manufactured with the following features to ensure it provides the highest levels of protection and security for your emergency equipment.

Durable Construction



This enclosure is manufactured with high impact UV resistant thermoplastic polymers, or polycarbonate, the same material used in the ballistic shields used by law enforcement agencies. Its durable construction ensures that your AED is protected from tampering, vandalism, theft and adverse elements.

Resistance to Dust and Water Intrusion



The model 4000 has an Ingress Protection (IP) rating IP66. IP ratings are defined by an International standard which classifies and rates the degree of protection provided by mechanical casings and enclosures against intrusion by dust, accidental contact, and water. With a rating of IP66, this enclosure is dust tight and protected against powerful jets of water, providing a very high level of protection from the harshest of environments such as rain, snow, windblown dust and all kinds of other outdoor hazards.

Fire Retardant



Your product is fire resistant and has a UL94 classification of V-0. UL 94 is the standard for safety of flammability of plastic materials for parts in devices and appliances testing and is a plastics flammability standard released by Underwriters Laboratories of the United States.

Product Specification

The standard determines the material's tendency to either extinguish or spread the flame once the specimen has been ignited. Having a UL94 V-0 classification, combustion is not sustained for more than 10 seconds after applying a flame or inflamed drips of particles.

Secure Access



This enclosure features secure access through the use of a durable marine-grade lock. This marine-grade lock is salt spray tested. Salt spray corrosion testing according to ISO 9227 is a century old mainstay in corrosion testing. Having successfully completed 1000 hours and 50,000 cycles of salt testing, the marine grade lock is proven to be highly durable and designed to operate in the harshest of conditions.

Because your lock is mechanical, electricians are not needed for access.



Permanent LED Lighting

Your enclosure is equipped with a permanent LED light to illuminate your cabinet at all times. It draws attention at any time of day or night to your life saving Defibrillator.

Product Specification

Viewport

The model 4000 has a large viewport enabling inspection of the AED status without the need to open the enclosure. The viewport is made of high impact UV resistant polycarbonate.



Thermostatically Controlled Heat

This enclosure uses a positive temperature coefficient (PTC) heater that provides efficiency and safety. PTC are more reliable, safer, and cost effective than traditional resistance wire-type heaters. The thermostatically controlled PTC heater will automatically start when temperatures begin to fall towards freezing.

Heating power	100W	IEC protection class	II
Power supply	110-250V AC/DC	IP rating EN60529	IP20
Dimensions H*W*D	110*60*90	Radiator	Plastic UL94 V-0
Max current	4.5 A	Clip installation for DIN rail	35mm
Heating element	Self-regulated PTC	Weight	0.3kg
Electrical connection	4-pole Terminal board	Conformity	CE

What's in the box?

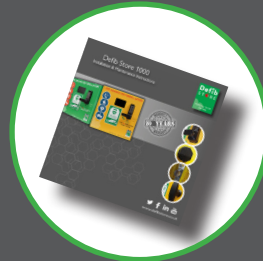
Separate all parts from the packaging material and check each item carefully. Make certain that all items are accounted for before discarding any packaging material.



Defibrillator
Enclosure



Fastening
kit



Owner's
manual



If any of the items above are missing, please contact your supplier immediately.

Installing the Defib Store

Things to consider when positioning the enclosure

- The enclosure weighs 10kg (22lb) so ensure that the wall that you are fixing it to is in a sufficiently good state to anchor the enclosure.
- The enclosure should be installed onto a flat surface, if fastened on an uneven wall, purchase of the optional mounting plate is highly recommended.
- Avoid placing the enclosure beneath eaves to ensure water doesn't get into the enclosure on opening.
- In accordance with the Americans with Disability Act (ADA) guidelines, the height to reach the handle of the enclosure should be no more 48" high (See Image).
- Placement of your enclosure in a shaded area is recommended for locations that experience temperatures in excess of 100°F



Operable positions meet usability criteria and are within accessible reach ranges (non-operable positions can be located outside reach range).

Clear floor space for approach and positioning.

An unobstructed side of the clear floor space adjoins a connecting accessible route.

Electrical Connection Information

The enclosure is Class II double insulated, meaning it has two layers of protection and therefore does not require an earth connection / grounding.

Enclosure must be installed/protected using a 3-amp plug socket with isolation switch from the 120V supply.

This enclosure is 110v mains feed and should be installed in accordance with legislation NFPA 70.

Electrification of this enclosure should only be carried out by a Licensed Electrician.

Tools required for mounting your enclosure



Level



Hammer Drill



8mm & 15mm
concrete bits



Philips screwdriver



Hammer



Tape Measure



Pencil



Safety Glasses

Fixings included in The Box

- A** 100mm Screw (X4)
- B** Wall Anchor (x4)
- C** 26mm Rubber Washer(x4)
- D** 12mm Plastic Collar (x4)
- E** 14mm Rubber Washer (x4)
- F** 25mm Spacers 5mm Thick (x4)
- F2** 25mm Spacers 10mm Thick (x4)

A



Yellow section represents
the cabinet

D



E

C



F

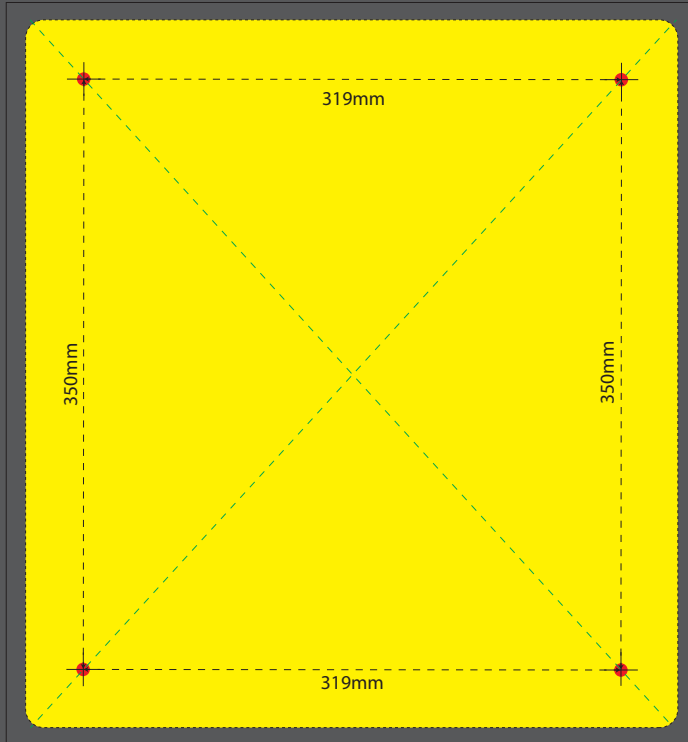
F2



B



Mounting the Enclosure



Drill Template

NO ADDITIONAL HOLES SHOULD BE DRILLED IN THE ENCLOSURE AND THE GLAND ADAPTOR NUT SHOULD BE SCREWED UP TIGHTLY AS THIS MAY CAUSE WATER INGRESS TO THE ENCLOSURE AND WILL VOID THE WARRANTY.

Mounting the Enclosure

- As per the drilling template, drill the wall at the four marked points using a 8mm (5/16") diameter 165mm (6.5") long concrete drill bit. Clean out any remaining debris from inside and around the hole.
- Insert the nylon wall anchors into each hole and using a hammer, tap them in until they are flush with the wall.
- At this point you will need to decide where you are going to be bringing in the power cable.
- Use the 16mm (10/16") concrete drill bit to drill the hole through the wall for the cable to go through.
- Feed the power cable through the back of the enclosure directly through the wall behind.

OR

- Feed the power cable from the bottom of the enclosure in conduit/trunking down the wall.
- Feed the power cable through the rear gland adaptor or the bottom of the enclosure and then position the enclosure to the wall. Two people are needed for this step.
- Use the fixings provided
- The fixings need to be assembled as per the diagram to ensure that the enclosure is watertight.
- Use the spacers (F1/F2) on uneven wall surfaces to ensure that the enclosure is fixed squarely onto the wall without any twisting. If the enclosure is not fixed to the wall correctly using these spacers, then the enclosure may become distorted and may cause issues with closing the door.

Once all four bolts are located put the spirit level on top of the enclosure to ensure the enclosure is sitting level. Then tighten each bolt equally until the enclosure is firmly attached to the wall.

Mounting the Enclosure

**AT THIS POINT THE POWER CORD CAN BE CONNECTED
AND THE CIRCUIT TESTED**

- Switch on power and test the circuit.
- Finally tighten the gland adaptor around the incoming cord, by doing this the gland will produce a watertight seal around the cord.
- The internal LED strip will illuminate when powered.
- Remember to notify your 911 communication center
(SEE YOUR SUPPLEMENTAL AED DEPLOYMENT CHECKLIST)

Note:

The heater is controlled by a thermostat that is set to come on at or below temperatures lower than 46 degrees Fahrenheit, heat will not turn on upon electrification as soon as you plug the enclosure in but has been tested in our factory before delivery.

THE ENCLOSURE IS NOW OPERATIONAL

NB: Close door firmly with intention so lock engages.

If you are having any problems once the enclosure is installed, please contact your supplier immediately.

Do not make any attempts to alter the enclosure as this will void the warranty

Advised Regular Maintenance

- Regular inspections & maintenance is essential and should always be documented.
- Neglect is a common cause for defibrillator failure. It is essential that your AED and emergency equipment is inspected regularly. Please refer to your defibrillator manufacturer for product specific information related to inspection and maintenance.
- In the event of a product or part failure, please contact your distributor. The distributor will gather the necessary details regarding the issue and provide guidance regarding replacement parts as needed. Please note that labor is not covered by your warranty.
- Apply household oil to the lock keypad frequently to lubricate and clean the locks internal mechanisms. Oiling and exercising the keypad buttons should be undertaken regularly if the enclosure is located within 5 miles of the coast.
- It is advised the enclosure is accessed and inspected weekly for a general check, testing the lock to see that it remains fully functional, the light is illuminated and ensure that the defibrillator and other emergency equipment is in a state of readiness.
- Clean the enclosure on a monthly basis and an annual application of spray wax, this will maintain the shine and appearance of your product and add further protection to the enclosure.

Warranty

Defib Store offers a 10-year warranty on the shell of the enclosure (assuming there is no evidence that the installation and maintenance instructions have not been followed).

Regular maintenance in accordance with our guidelines extends the life of the enclosure. For electrical or component failure, Defib Store offers a 5-year warranty on the heater and light.

Lock functionality: 5-year warranty against mechanical malfunction of the lock – not caused by corrosion (see above Advised Regular Maintenance).

In the event of a product or part failure, please contact your distributor. The distributor will gather the necessary details regarding the issue and provide guidance including replacement parts as needed. The warranty covers the product. Please note that labor is not covered by your warranty.

The warranty only covers the products and not the installation.

Vandalism is not covered under the warranty, however, many of the cabinet parts are replaceable and available for purchase.

Both products and labor will be chargeable in the event of vandalism.

Need Accessories ?



Need Signage?



Need Defibrillators?



Other Emergency Equipment?

Contact Your Distributor for Assistance!

Notes





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