

VM 1000 Installation Manual



Congratulations, your VM 1000 has just arrived!

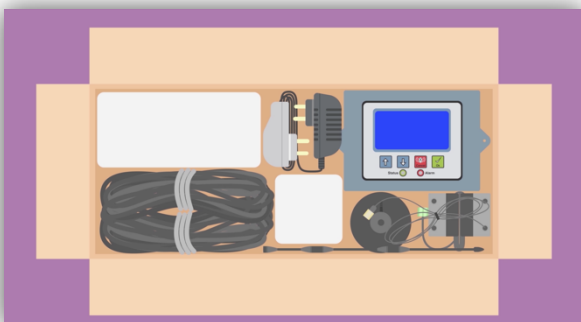


Check that the box is free from transit damage and that the details on the box are correct.

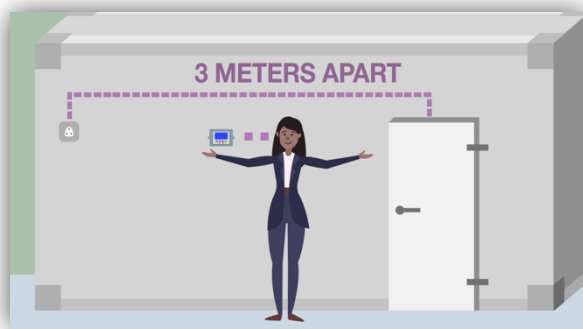
- Purchase Order Number
- Consignee Details
- Contents of package
- A few squiggly lines
- Origin
- Destination



It is important to check that all the components required for the installation are in the box as listed on the label.



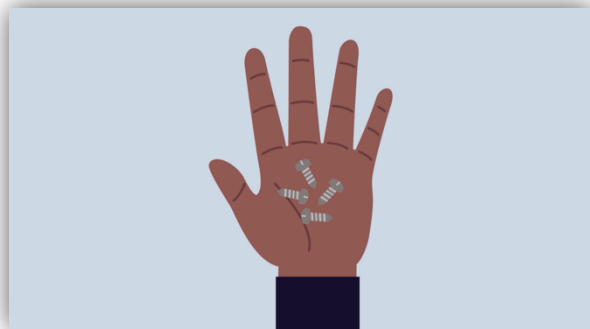
Is everything there? Let's get started with the installation.



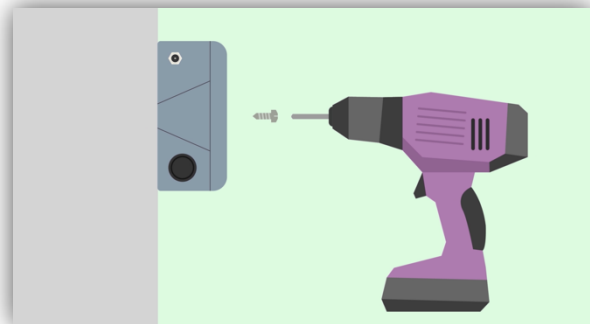
There are two things you need to ensure before mounting the VM 1000 unit:

The plug point on the cold room must be installed not more than 3 meters from the cold room door.

The VM 1000 unit must be installed at eye level in between the cold room door and the plug point.

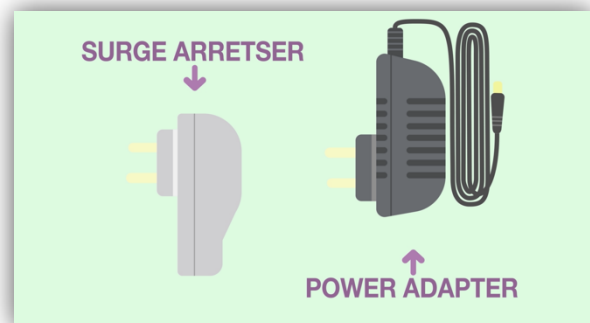


It is now time to use the screws that were provided in the box.

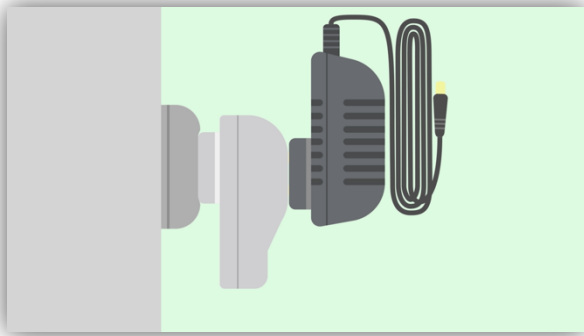


You will need to use the screws and a cordless drill to mount the VM1000 Mount.

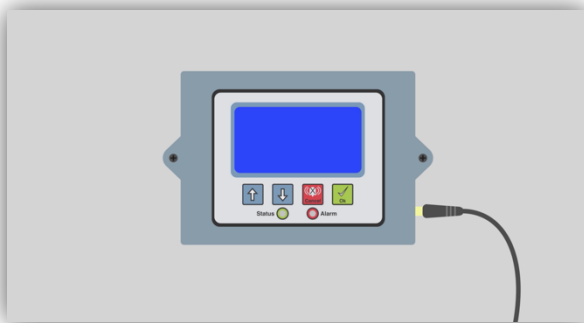
Make sure that the VM 1000 is securely mounted.



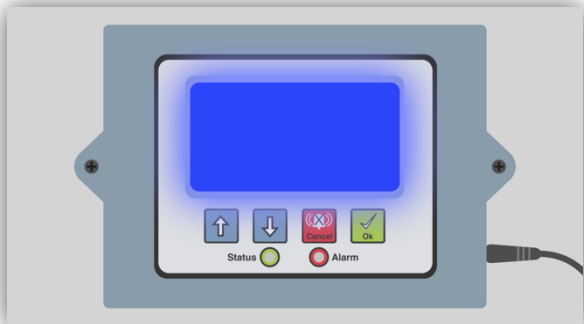
You can plug the ACDC adaptor into the surge arrester.



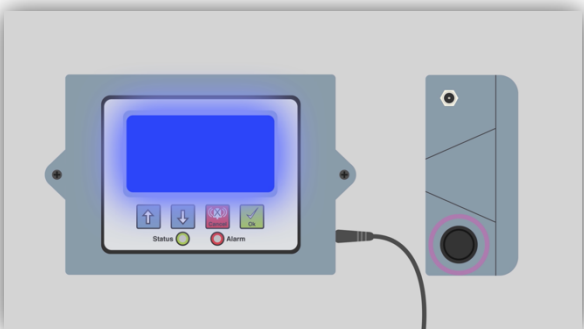
Now plug the ACDC adaptor and the surge arrester into the power plug.



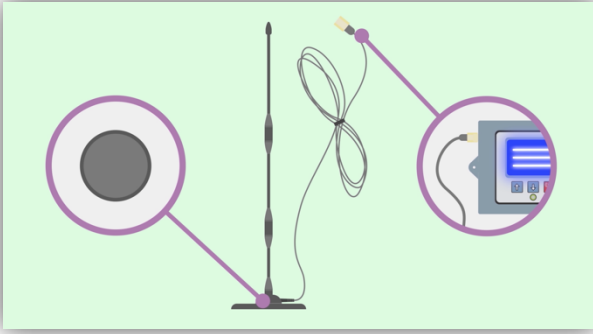
You can now connect the power jack from the adaptor into the VM 1000.



The screen of the VM 1000 unit should light up now, confirming that the VM 1000 has external power.

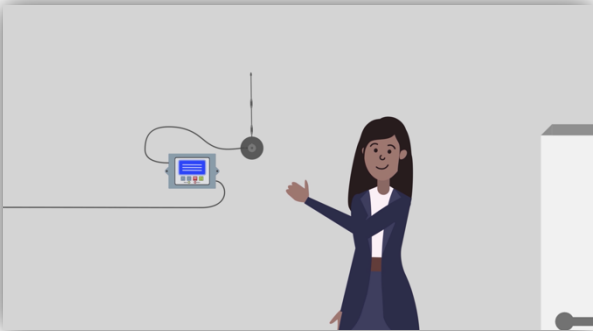


At this point we should turn the switch to the ON position. This will enable the internal Batteries.

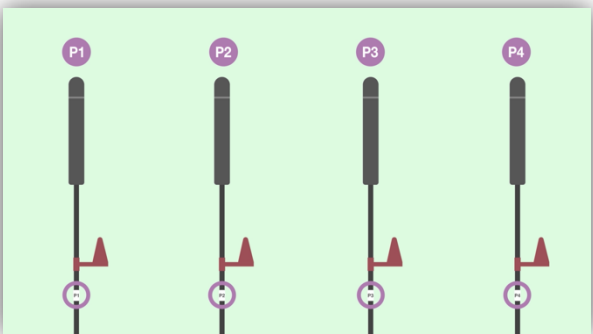


We can now begin with the installation of the antenna.

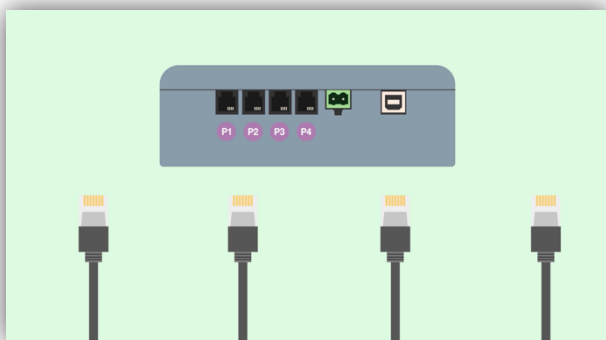
Remove the protective cover on the magnetic base, screw in the antenna and then secure the Golden SMA connector to the VM 1000.



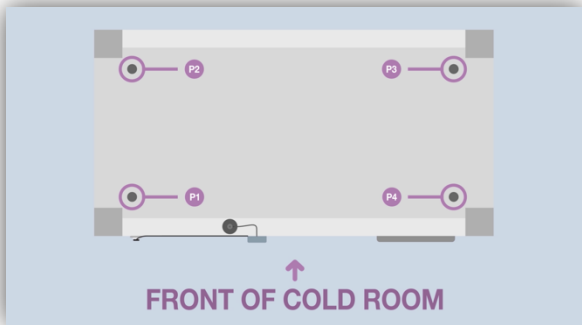
Mount the magnetic base of the antenna near the VM 1000 or on the top of the cold room. Being magnetic, the base attaches itself to any metal surface.



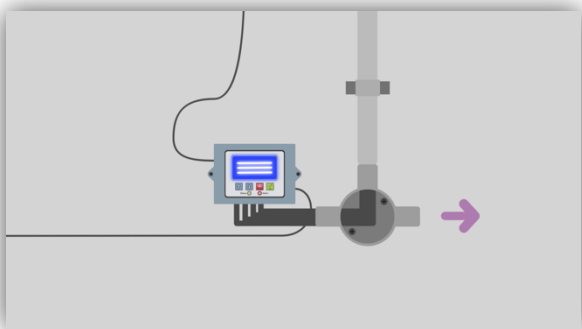
You are given 4 of these temperature probes.



Each one is labelled specifically for where it will be inserted into the VM 1000.

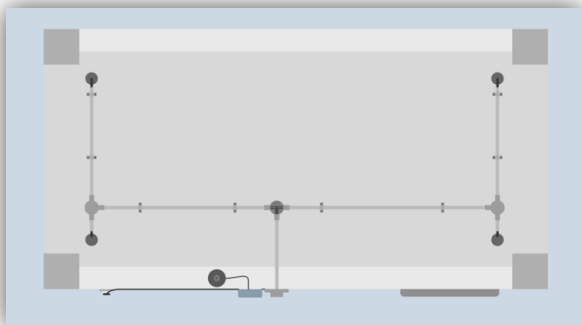


There are also specific points on top of the cold room where each probe will enter it.

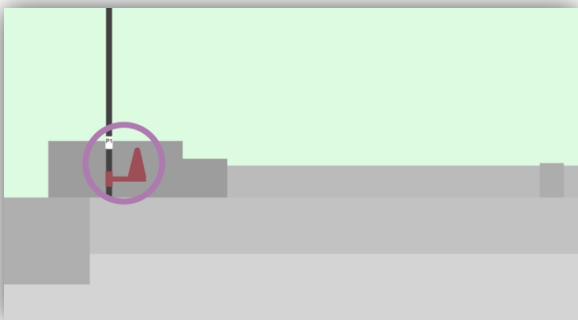


Use a conduit and a 3-way PVC box to pass the cables through toward the roof.

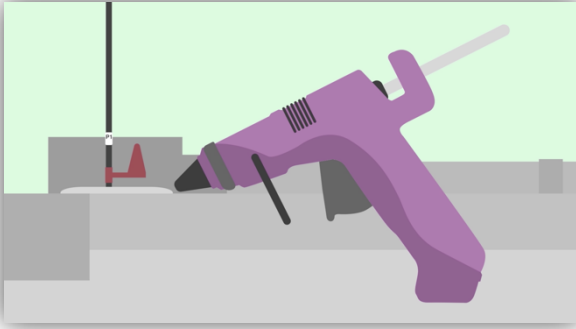
One port of the 3-way PVC box needs to lead toward the door.



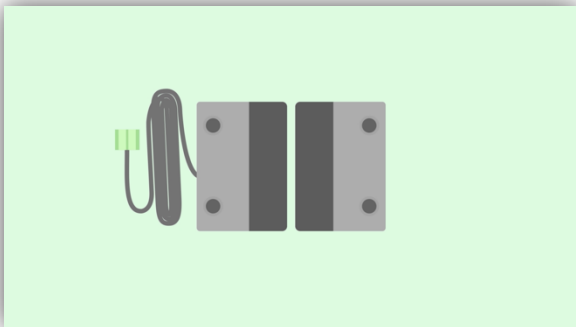
On the roof of the cold room, each probe will be led via the conduit secured by saddles and tact screws to their designated hole, where they will be dropped into the cold room.



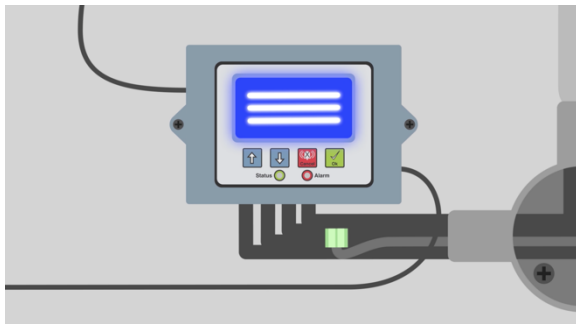
The probes should be inserted as far as the red flag has been reached.



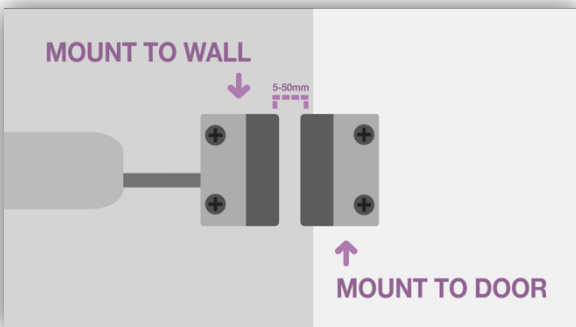
You will then need to close these holes with silicon.



Remember the 3rd port on the 3-way PVC box? This one will be used for the door sensor you will be installing next.



Insert the wire from the door sensors into the port of the VM 1000.



The cable will then be led via conduit to the door.

The sensor that is connected to the cable needs to be mounted onto the cold room wall, while the other sensor needs to be mounted onto the door

And that is it!

Your VM 1000 temperature sensor is good to go.

If you have any questions or issues, feel free to call or email us.

Contact Details

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