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# TECHNICAL REFERENCE GUIDE

Document Title:	Battery Replacement
Purpose:	Guide to replace the controller main battery.
Models Affected:	MDF-DU702VH, MDF-DU302VH, MDF-DU502VH, MDF-DU901VH, MDF-DU702VXC, MDF-DU502VXC

\* For reference only. This document is subject to change, without notice.



[Contact Us](#)

Phone Number: 1-800-858-8442

The unit has the ability to display and activate alarms in the case of power failure. The main battery is a 6 V 7.2 AH rechargeable battery. A run timer keeps track of the run time of the unit and will remind the user with a message that the battery should be replaced.

S18	Main battery change notice	Status Notice	The number of working days of the product has passed 1022 days (about 2.8 years)
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PHC recommendations:

The battery should be replaced and the run time counter be reset after the battery is replaced. Contact 1800 858-8442 Option #1 for battery part number information.

To locate and replace the battery:

1. Turn off main battery.



2. Remove the screws located on the left and right side of the front panel.



3. Open the door to the unit and remove the 2 screws on the top of the front panel.  
remove the 2 screws on the top of the front panel.



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4. Remove the panel by lifting it up and pulling it out away from the unit. The battery is located on the left side.



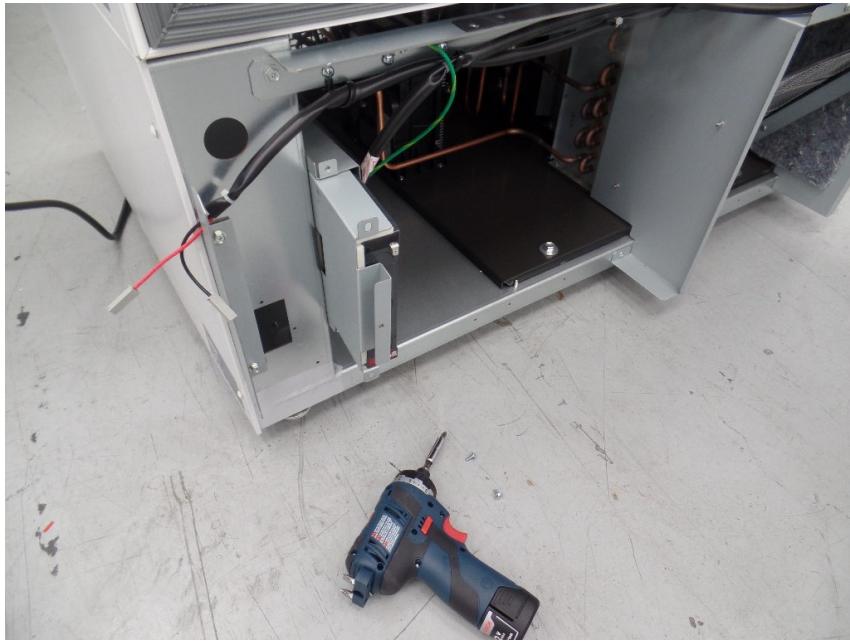
MDF-DU702VH-PA Left side



MDF-DU702VXC-PA Right side

5. Disconnect the wires and remove the 2 screws that hold the battery in place and pull out the caddy that hold the battery in place.

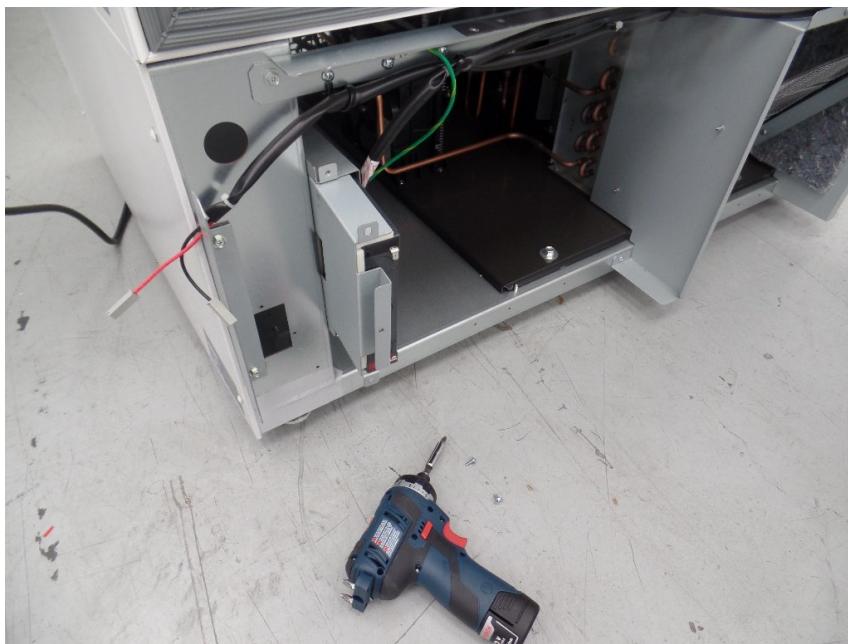
**Note MDF-DU702VXC has a cover plate with 3 screws.**



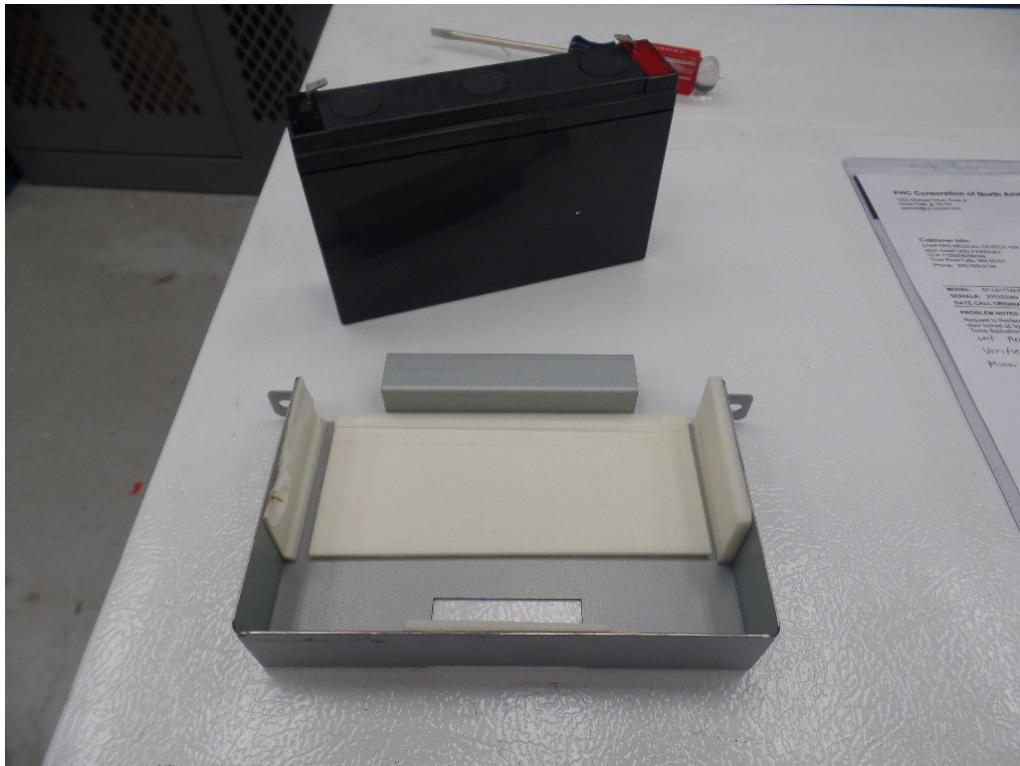
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4. Remove the panel by lifting it up and pulling it out away from the unit. The battery is located on the left side.



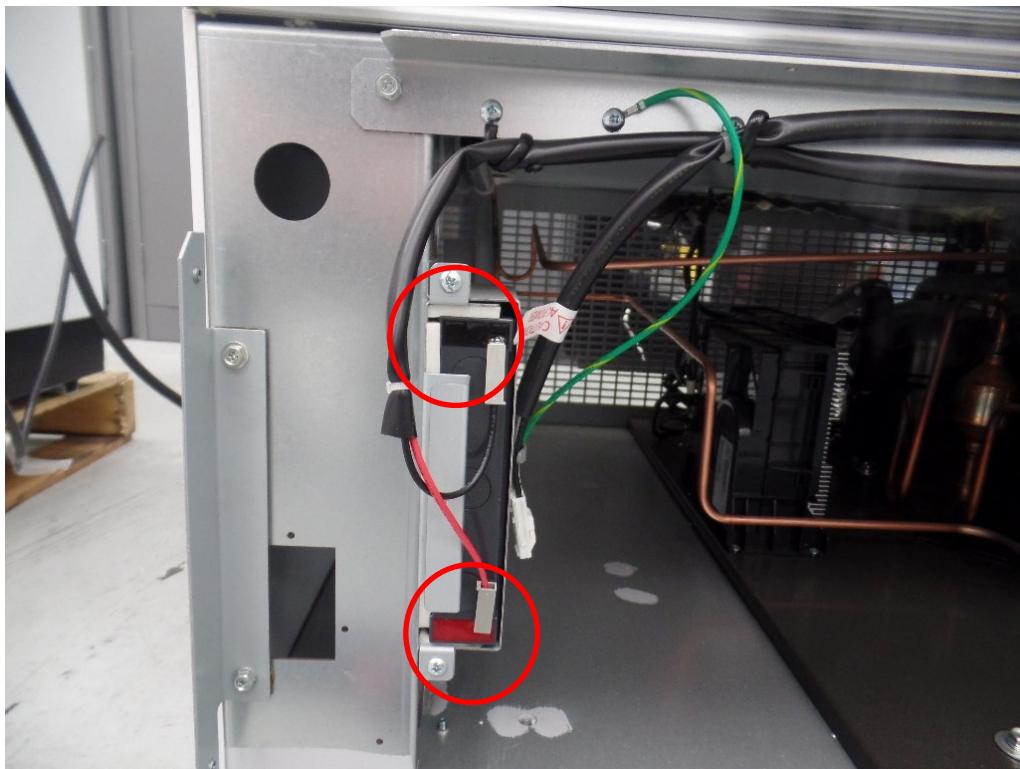
5. Disconnect the wires and remove the 2 screws that hold the battery in place and pull out the caddy that hold the battery in place.



6. Remove the battery from the caddy and dispose of properly. Insert the new replacement into the caddy.

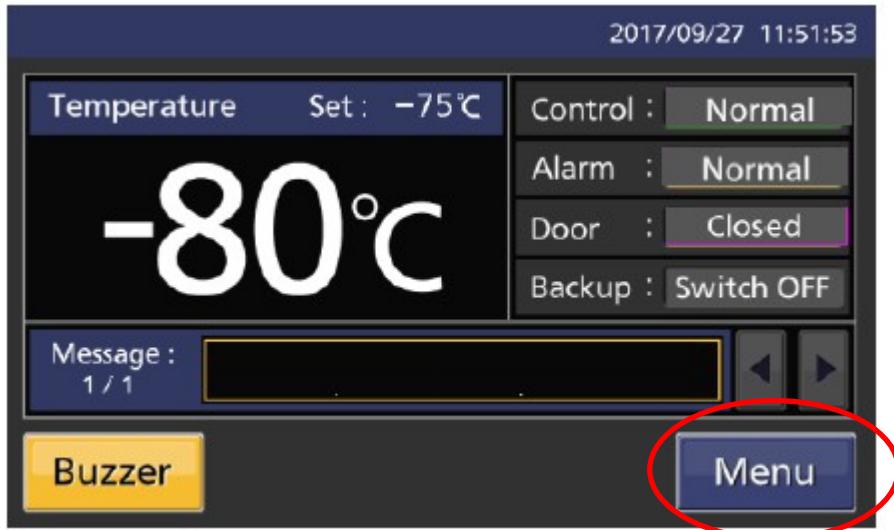


7. Reassemble and reattached the wires correctly according to color.

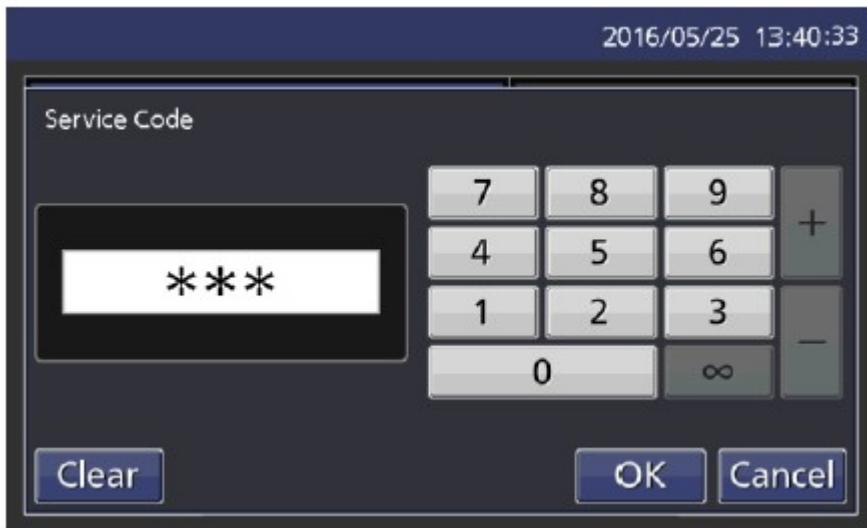


7. After the hardware is reassembled. Follow the instructions below to reset the run timer.

A. Press and Hold the “Menu” key.



B. Enter the code 384



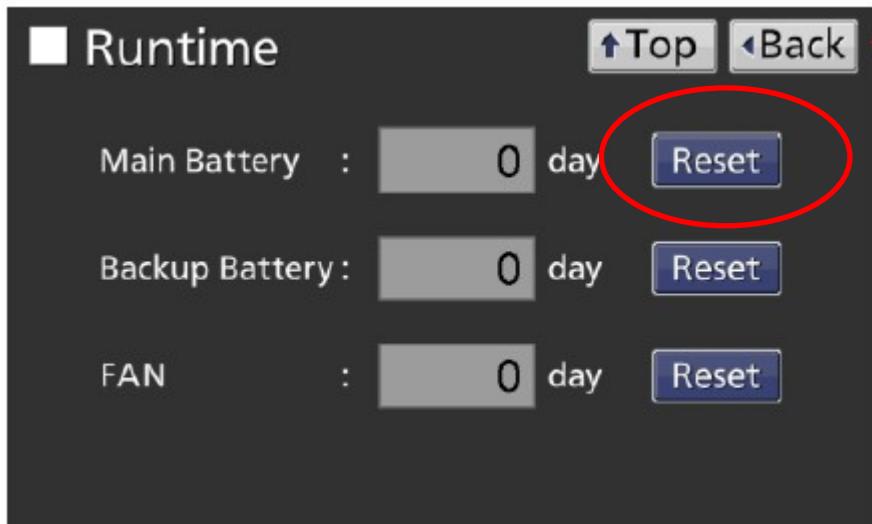
C. Select service #1



D. Select Runtime



E. Select reset button.



**Important note.**

“Main Battery” refers to the display and controller back up battery.

“Backup Battery” refers to the LN2 or Co2 back up system battery.

# DISPOSAL OF UNIT

Before disposing the unit with biohazardous danger, decontaminate the unit to the extent possible by the user.

## WARNING

If the unit is to be stored unused in an unsupervised area for an extended period ensure that children do not have access and doors cannot be closed completely.

The disposal of the unit should be accomplished by appropriate personnel. Always remove doors to prevent accidents such as suffocation.

## Recycle of battery

(Only for USA and CANADA)

A sealed lead acid battery that is recyclable powers the product you have purchased. At the end of its useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream. Please call 1-800-SAV-LEAD for information on how to recycle this battery.

L'appareil que vous vous êtes procuré est alimenté par une batterie au plomb étanche. Après la fin de la vie utile de la batterie, en vertu de diverses réglementations gouvernementales et locales, il est illégal de l'éliminer avec les déchets domestiques ordinaires. Pour des renseignements sur le recyclage de la batterie, veuillez composer le 1-800-SAV-LEAD.



- USE THE SPECIFIED CHARGER.



- Label indication is obliged to comply with Taiwanese battery regulation.

(Apenas para a Brasil)



### Baterias de chumbo – ácido:

#### Atenção sobre a bateria:

- Após o uso, a bateria deverá ser devolvida à rede de assistência técnica ou revendedores para ser encaminhada ao fabricante ou importador.  
(Resolução CONAMA nº 401)
- **Riscos a saúde:** O contato com os componentes químicos internos desta bateria pode causar danos à saúde.
- **Riscos ao meio-ambiente:** A destinação final inadequada pode poluir águas e solo.
- **Composição básica:** Chumbo, ácido sulfúrico diluído e plástico.

