

## HYDRATHERM MAINS FUSE HOLDERS REPLACEMENT GUIDE

SB-20180504-01

Product: HYDRATHERM Models: HT-PAT-D120; HT-PAT-DR120; HT-SRW120-PATT; HT-SW120-PATT

Richmar has made a design change to improve the condition starting with product manufactured on or after 4/26/2018 with SN-0426187000 (standard models) and SN-0426188000 (deluxe models), all product manufactured after this date have been reworked or built with the appropriate design countermeasures.

Richmar has prepared this Technical Service Bulletin to assist with field Repairs and is prepared to send parts out immediately. This upgrade will change the Mains fuse holders using spade connections to fuse holders with soldered connections.

**This Technical Service Bulletin will walk you through the steps to perform the upgrade.**

### What you will need:

- One (1) Phillips-head screw driver
- One (1) Wrench
- Two (2) New fuse holders provided by Richmar that have the lead wires already attached to the fuse holders



### IMPORTANT!

Disconnect power from the HydraTherm before performing upgrade.

- 1** Remove power from the HydraTherm by disconnecting the power cord from the Front Panel sub-assembly.



- 2** Remove the four (4) Phillips-head screws from the Front Panel sub-assembly. Then pull the Front Panel away from the power box to access the two (2) Mains fuse holders.



- 3** Carefully cut the four (4) plastic wire ties for the four (4) wires that are attached to the two (2) Mains fuse holders.



- 4** Discard the four (4) plastic ties.



- 5** Remove the spade connections at the Power Inlet Module and the Power I/O Switch for both Mains fuse holders.



- 6** Remove both of the Mains fuse holders' mounting nuts that hold the fuse holder to the Front Panel sub-assembly.





## HYDRATHERM MAINS FUSE HOLDERS REPLACEMENT GUIDE

SB-20180504-01

**7** Remove and discard the two Mains fuse holders.



**8** Insert the two soldered Mains fuse holders.



**9** Attach and tighten the two Mains fuse holders mounting nuts.



**10** Connect the spade terminals from the two Mains fuse holders to the Power Inlet and the Power Switch.



**11** Attach the Front Panel sub-assembly with the four Phillips-head screws.



**12** Connect the power cord to the Hydratherm.



### TEST

Place the Power I/O switch to the I position to test.

**Result:** Power Indicating light is illuminated. Test complete. Report results.

**Result:** Power Indicating light does not illuminate. Troubleshoot cause.

