

Purpose:

The purpose of this Technical Service Bulletin is for ease of ordering. The replacement pump will now be sold as a kit to include the pump, pins, and connectors under one part number. This will also assist the customer with instructions on how to replace the pumps in the Thawers. The part numbers for the new kits are:

- MT202 and MT204 110v pump kit p/n 70009
- MT202 and MT204 220v pump kit p/n 70011
- MT210 fill pump kit p/n 70010
- MT210 circulating pump kit p/n 70015

Scope:

The scope of this bulletin covers all users of ThermoGenesis Corp.'s Thawers.

Background:

Proper documentation of replacing the pumps was to provide service personnel with the documented process. This procedure will instruct how to install the replacement kit.

Tools needed not provided:

1. Wire crimpers

Procedure:

2. Cut electrical cable to the same length of the original pump that was removed.
3. Install the pump into the chassis following Ch. 7 of the Operator Service manual reversing the pump removal process. It is important to ensure electrical cable is secured in the same location as originally installed.
4. Feed the cable up through the housing strain relief site, pull until snug, then tighten strain relief.
5. Strip ~2" of the jacket from the cable end exposing brown, blue, and green/yellow wires.
6. Strip ~3/16" insulation from the end of each of the three wires.
7. Crimp socket pins onto the wires. Ensure rear barrel tab of pins wrap around the insulation and are secured.
8. Insert socket pins into connector as follows:
 - a. Brown to #1
 - b. Green/Yellow to #2
 - c. Blue to #3
9. Plug the newly assembled connector into the corresponding connector on the power supply.

Contact Information:

If you have any questions, contact THERMOGENESIS CORP. Technical Service at 1-800-783-8357 (U.S. and Canada) or +1-916-858-5100 (non-U.S./Canada). You may also send a fax to +1-916-858-5199, or email at support@thermogenesis.com for assistance.