

Having trouble viewing this email? [Click here](#)



## MVE Chart Tech Tips

### In This Issue

[Product Information](#)  
[Helpful Hints / FAQs](#)  
[Accessories](#)

### Join Our List

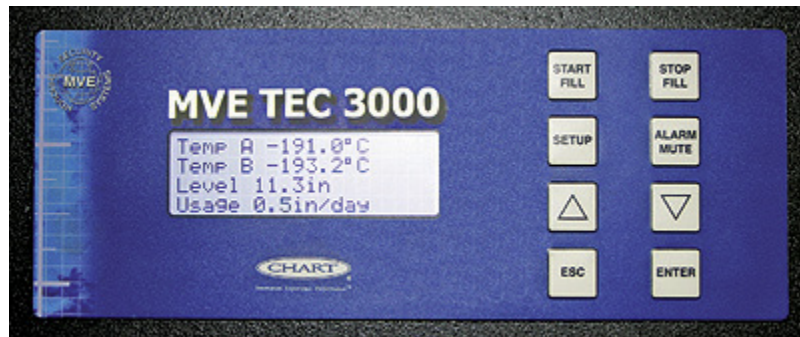
[Join Our Mailing List!](#)

June, 2011

### PRODUCT INFORMATION

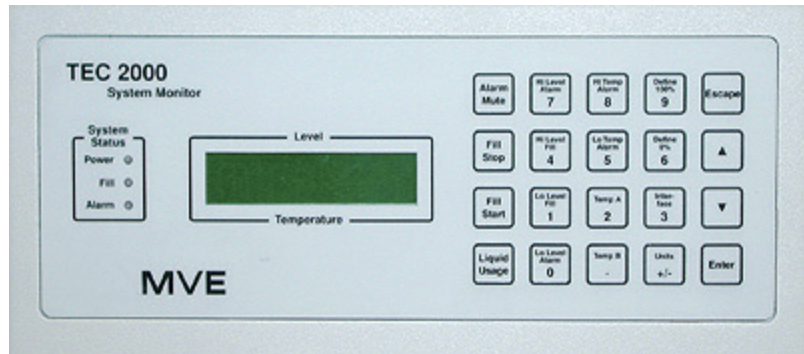
#### TEC3000 Upgrade Kits

Most freezers equipped with the TEC2000 can be upgraded to the TEC3000. Although the majority of older freezers can be upgraded, there may be older models that cannot be retrofitted. The proper upgrade kit can be obtained by providing the freezer's serial number. Contact technical support for additional information.

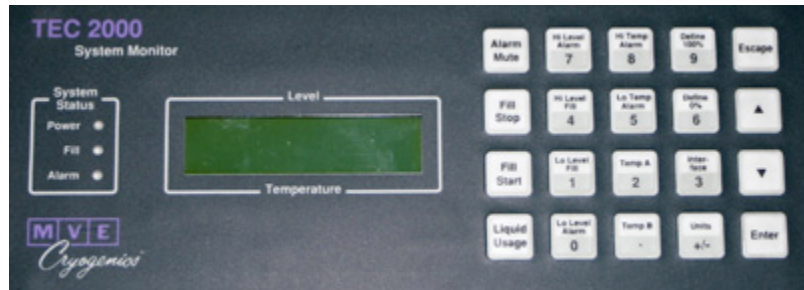


TEC3000 Faceplate

The TEC2000 Lakeshore controller powered with A/C voltage was manufactured with blue panels. The TEC2000 Micro-dynamics that is powered with A/C to D/C power supply had the white and green panels.

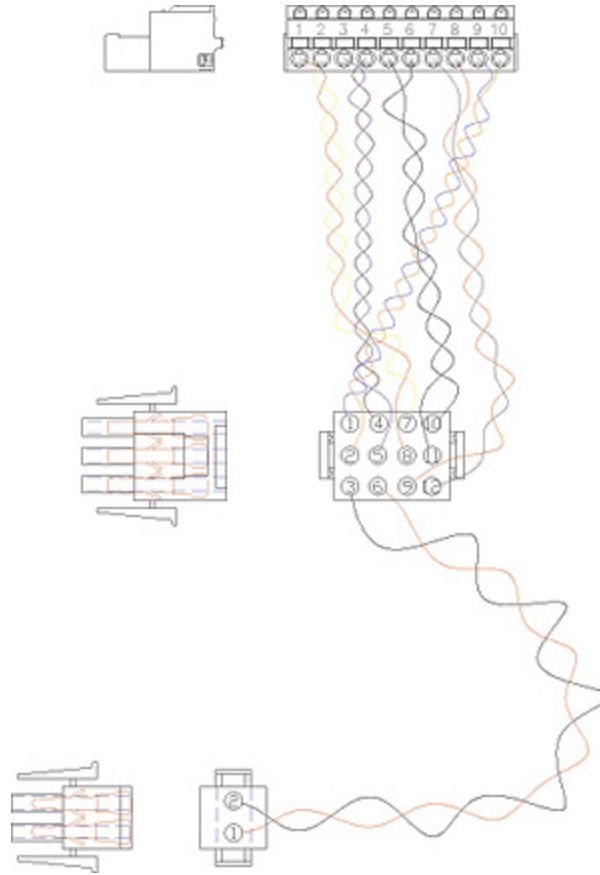


TEC2000 Faceplate



TEC2000 Faceplate

Depending on which upgrade kit is ordered, upgrade kits may include a fill solenoid valve, a purge valve, and temperature probes. All freezer series are provided a plug-n-play wire harness assembly.



TEC2000 to TEC3000 upgrade wiring

## HELPFUL HINTS / FAQs

### MVE TEC2000 to TEC3000 Upgrade

**Q:** How can one determine if an upgrade is possible?

**A:** Provide the freezer serial number

**Q:** After the upgrade was performed, the TEC3000 LCD display flickers, but only while the freezer is filling. Then it stops flickering after the freezer completes the fill. What is going on?

**A:** When upgrading, be sure to install the provided power supply in the upgrade kit. This is critical for proper controller operations.

## ACCESSORIES

Chart sells transfer hoses available in 4' and 6' lengths.  
PN 9713159 4ft (1.2m) PN 9713109 6ft (1.8m)

Chart sells a brass union fitting; P/N 11108622 can join two transfer hoses. Although not recommended and an increase in NER is eminent this method can be used temporarily while waiting for professional vacuum jacketed piping installation (VJ piping).



Brass Fittings on 4' Transfer Hose

**For ordering information contact Customer Service:**

United Kingdom	+44 (0) 1344 403 100
France	+33 (0) 9707 54 646
Germany	+49 (0) 202 739 55429
Italy	+39 049 784 0142
	customerservice.europe@chart-ind.com
Australia/New Zealand	+61 2 9749 4333
Asia/Pac Rim	770.721.7759
The Americas	770.721.7759
US Toll Free	800.482.2473
	customerservice.usa@chart-ind.com

**For technical information contact Technical Service:**

United Kingdom	+44 (0) 1344 403 100
France	+33 (0) 5610 82 977
Germany	+49 (0) 202 739 55407
Italy	+ 39 049 784 0140
	techservice.europe@chart-ind.com
Asia/Pac Rim	770.721.7759
	techservice.usa@chart-ind.com
The Americas	770.721.7759
	techservice.usa@chart-ind.com
US Toll Free	800.482.2473
	techservice.usa@chart-ind.com

[Forward email](#)



This email was sent to snystrom@sequal.com by [inga.dolezar@chartindustries.com](mailto:inga.dolezar@chartindustries.com) | [Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Chart Industries | 2200 Airport Industrial Dr. | Ste. 500 | Ball Ground | GA | 30107