

















## PROGRAMMING TO LOWER THE FREEZE ALARM SET POINT BELOW DEFAULT

MTA TAEvoTECH chillers **cannot** be operated at coolant temperature set points below 41°F **without** the addition of glycol to the coolant. However, with 35% to 40% coolant glycol concentration, chiller set points as low as 15°F can be successfully maintained. Please note that the set point limitation for the TAEvoTECH MINI 10 is 23°F (with proper glycol coolant).

A freeze-stat function is included in the controller programming to stop the compressor and display an alarm (b1AC) if the temperature of the water (coolant) falls below a set value. When glycol is added to the coolant, this value must be lowered to avoid nuisance trips. Please note that low coolant flow through the evaporator may also result in the “b1AC” alarm.

To lower the freeze-stat set point value below the factory default of 39°F, please use the following procedure:



1. Press  to place the chiller in standby (if not already). The upper display will indicate “Stby” (red).
2. Enter the programming mode of the controller by pressing & holding  &  simultaneously until the “Pr1” prompt (amber) appears with “PASS” displayed above it (red).
3. Press the  button once and the upper display (red) will show a flashing “0”. Use the  to change the flashing “0” to the user password value (“23”) then press . If the password is correct, the upper display (red) will show “ALL”. If not, the flashing “0” will return.
4. At the “ALL” prompt, use the  to scroll through the available folders until folder “AL” is shown in the upper display (red). Press  once to access the parameters in the folder (AL26 will be displayed in amber). The factory value of 39°F will be displayed above the parameter label in red.
5. Press the  button once and the value in the upper display (red) will start flashing. Use the “” to lower the parameter to a value that is **at least 5°F above** the freezing temperature associated with the **known** glycol percentage contained in the coolant. Press the  button once more to store the new value.
6. Press the  &  buttons simultaneously to exit programming mode and return to the main display.
7. Re-start the chiller by pressing . “Stby” will be replaced by the current available coolant temperature (red).