VP-2 ADJUSTING THE AC SPEED CONTROL

WARNING ELECTRICAL HAZARD: 120v OR 220v AC POWER WILL BE PRESENT ON THE TERMINAL BLOCKS WHILE ADJUSTMENTS ARE BEING MADE!

The SCM & SCL speed controls are used to set the feed pump motor speed by changing ships AC 50 or 60 HZ power to another desired frequency. This allows the pump to be operated to provide precisely the desired output pressure and flow in the three different modes. The speed control is Spectra factory preset and should only be adjusted after contacting the factory. Do not change any setting except parameter 31: run speed, parameter 32: flush speed, or parameter 33: service speed.

If you have the AC Tech Installation and Operation Manual that ships with replacement speed controllers the paramete r menu section will be marked with the Spectra Watermakers factory presets for your unit. The manual is also available on the website at www.Spectrawatermakers.com . Instructions for changing the settings are found in the Programming the SCL/SCM Drive section.

To change a speed setting run the watermaker in the mode in which you want to change the speed. For example: If you want to change the speed the pump runs at while making water, have the unit ac tually making water.

Enter PROGRAM MODE by pushing the Mode button. This will activate the password prompt. The password is 25. Enter the password with the up and down buttons. When the display reads 25, press Mode. The display will read P01 to ind icate that you have entered program mode. Using the up and down buttons select the desired Parameter (e.g. P31 for setting run speed.) Press Mode to display the current setting. The speed settings are displayed in Hertz (cycles per second AC output powe r frequency.) Use the up and down buttons to change the setting. Do not change the setting more than 3 Hertz at a time. Press Mode to enter the new setting. The pump speed will change, and the controller will enter parameter select mode. To continue c hanging the same parameter until the desired pressure or flow rate is achieved, Press the Mode button two more times. This will bring you back to Program mode in the same parameter.

If no buttons are pushed for two minutes the controller will require t he password to be entered again.

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