Flashing an E-BUS Module

(Using Prism 2 version 4.5.0 and higher)

- 1. Download the software hex file from the drop down list on the Tech Support website and copy it into your PrismII folder.
- 2. Verify that your E-BUS module is connected via E-BUS and communicating with the Main controller.
- 3. Make sure whatever device (CommLink 5, USB-Link2) you are using to interface to Prism2 is set to high speed and either stand-alone or network depending if you have a single or multi-loop system.
- 4. Remove power from all modules on the loop except the current module being programmed.
- 5. Make sure the Main controller is powered on and is in the Unoccupied Mode with the Main Fan off.
- 6. Open Prism2 and go online to the Main controller that is attached to the E-BUS module or modules you want to flash.
- 7. From the Prism2 toolbar, *click* on "Communications", "Flash Selected Controller", and "Expansion Modules (Pass Thru)". The Pass Thru window will appear as shown:

Pass Thru Flashing Expansion Modules [64 Bit Operating System]							
Exit Advanced							
Step #1 - Enter Loop and Unit Address of Main Controller							
Loop: 1 Unit:	1						
Step #2 - Select Expansion Module			NOTE: For best results, remove power				
	52) 💿 MHGRVX	(132)	from all modules except the				
RSM Module #2 (15)	53) 💿 MODGAS-X	(138)	current Module being Programmed.				
🔘 RSM Module #3 (15	54) 💿 Pre-Heater	(157)	Make sure the Main Controller is				
RSM Module #4 (15)	55)		In the Unoccupied Mode with the				
Step #3 - Select File			Main Fan Oπ.				
HEX File:			Select File				
Step #4 - Select Program EBUS Button							
Program EBUS							
Step #5 - Monitor Flash Progress with Progress Bar and Status Message							
HEX File Progress	- j j						
0%							
Ready Cancel Flash Cancel Flash Session if Errors Detected							
Step #6 - When Progress reaches 100%, the Controller should start running within 5 seconds.							

- 8. Step #1 Make sure you select the correct "loop" number and the correct "Unit" address of the Main Controller.
- 9. Step #2: Select the type of Expansion Module you are updating. Note: MODGAS-X includes XWR-1 and 10-to-1.
- 10. Step #3: *Click* on the <Select File> button which should take you to the PrismII folder and allow you to open or select the hex file you previously downloaded.
- 11. Step #4: *Click* the <Program E-BUS> button.
- 12. Step #5: Monitor the programming progress with the Hex File Process progress bar. .
- 13. Step #6: When the Progress Bar reaches 100%, the Main controller and E-BUS module LEDs will start blinking again and be at normal operation.
- 14. You can verify the correct version of software in the E-BUS module's LCD display.
- 15. For optional verification steps, *click* the <Advanced> button on the Flash Controller toolbar. The following window will display:

Optional Verification Steps								
Show Details	Is Factory Personnel Use This Option to Check Communications Status While Flashing							
Reset Ebus To Verify ID's and Versions, the Unit must be Reset to Access this information								
Get Info	Get Info Select this within 5 seconds of Reset to load ID's and Versions and Finalization Data							
	Hardware ID:	-	Finaliza	ation Data				
	Hardware Version:	-	Int Flash Length: 0					
Boot Loader ID: Boot Loader Ver: Application ID:	Boot Loader ID:	-		0				
	Boot Loader Version:	-	Finalize HEX	Select this to Manually Finalize Unit				
	Application ID:	-		Requires Factory Assistance.				
	Application Version:	-						

NOTE: You should notify WattMaster Tech Support prior to using the *Optional Verification Steps Window*.