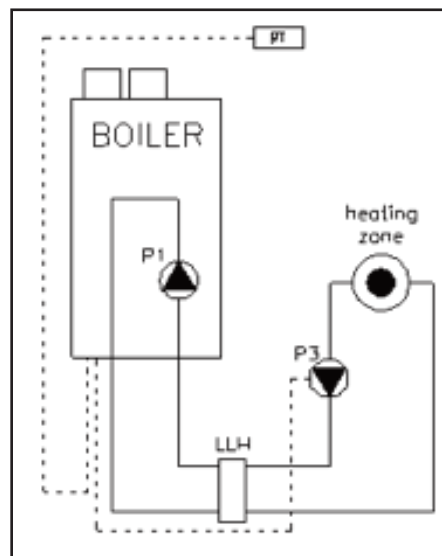


VGH Technical Bulletin

Residential and Commercial Models

If a system circulator will be powered directly by the VGH boiler terminals 4 and 5 (or terminals 4 and 5 with an external relay) a parameter change will be required. The VGH boiler as it is shipped has a parameter 125 "Programable Output 1" factory set to 4. Setting 4 on parameter 125 is a system pump that will be used with a cascade boiler installation and requires the use of a system sensor to energize the terminals 4 and 5. If a single boiler will be installed and the boiler will directly power the pump through the boiler terminals 4 and 5 (or terminals 4 and 5 with an external relay) a parameter change should be made. Parameter 125 should then be changed to setting 2 CH pump. This change will allow the system pump to be powered on a call for heat without the requirement for a system sensor.



Example Installation

Boiler Factory Default Setting

(125)	Prog. Output 1.		
		0 Disabled	
		1 Module pump	
		2 CH pump	
		3 DHW pump	
		4 System pump	CH/CO
		5 Cascade pump	
		6 Alarm relay	
		7 Filling valve	
		8 LPG tank	
		9 Ext. Igniter	
		10 Air damper	

Suggested Single Boiler Installation Powering System Pump Setting

(125)	Prog. Output 1.		
		0 Disabled	
		1 Module pump	
		2 CH pump	CH/CO
		3 DHW pump	
		4 System pump	
		5 Cascade pump	
		6 Alarm relay	
		7 Filling valve	
		8 LPG tank	
		9 Ext. Igniter	
		10 Air damper	



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