



PF2150 MENU MAP REFERENCE

E 1.3.1 FIRMWARE RELEASE



CONTROLLER MENUS

HOME	1 - SETPOINTS	2 - HISTORY	3 - SYSTEM INFO	4 - SYSTEM SETUP	5 - CONTROL SETUP	6 - INPUTS	7 - MODBUS ⁵	8 - CALIBRATION	9 - SYSTEM
Status Screen	Bath Pilot Off SP ³	Flame Fail Count	Bath Temp A/B	Voltage Restart	Bath Input	Level Input	Modbus Enable ⁵	Calibration ¹⁴	Backup Settings
Bath High Temp Setpoint Bath Process Setpoint	Bath Main Off SP ⁴	Relights Left	TCV Output %	Purge Time	Bath Mode	Level Units ⁶	Server Address ⁵		Restore Settings
Flame Quality Aux Temperature ¹	Bath Process SP	View Event Log	Ambient Temp 1/2	Pilot Delay Time	Bath Hi Temp SP	Level Dig. Type ⁷	Baud Rate ⁵		Firmware Update
Alarms 1 ²	Bath Low Temp SP	Clear Event Log	Level ¹⁶	Main Delay Time	Process Control	Level High Type ⁶	Stop Bits ⁵		Keypad Test
Alarms 2 ²	Bath Deadband	Export Event Log	Pressure ¹⁰	Relight Attempts	Pilot Off Mode	Level Low Type ⁶	Parity ⁵		
Alarms 3 ²	Aux Pilot Off SP ^{1,3}		System Voltage	Low Press Delay	Aux Temp Mode	Level Span Max ⁸	Termination ⁵		
Waits 1 ²	Aux Main Off SP ^{1,4}		Date (read only)	Low Level Delay	Aux High Temp SP ¹	Level Span Min ⁸	Data Logging Period ⁵		
Waits 2 ²	Aux Process SP ¹		Time (read only)	Status Contact	TCV Mode	Level Hi Trip SP ⁶			
Waits 3 ²	Aux Low Temp SP ¹		Location (read only)	L1 Password Mode	TCV Min % ¹²	Level Lo Trip SP ⁶			
Warnings 1 ²	Aux Deadband ¹		Current State	Display Sleep	TCV Purge % ¹²	Level Control SP ⁶			
Warnings 2 ²	PID Proportional ^{12,15}		Bootloader Version	Pilot Valve PWM	TCV Pilot % ¹²	Level Deadband ⁶			
Warnings 3 ²	PID Integral ^{12,15}		UI/BMS Bundle Versions	Main Valve PWM	TCV Light Off % ¹²	Pressure Input			
Main Permissives 1 ²	PID Derivative ^{12,15}			System Voltage	Temp Echo Min ¹³	Pressure Units ⁹			
Main Permissives 2 ²	PID Reset Range ^{12,15}			UI Comm Alarm	Temp Echo Max ¹³	Press Low Type ¹⁰			
Main Permissives 3 ²	PID Rate Limit ^{12,15}			Temp Units		Press Span Max ¹¹			
	PID Ramp Time ^{12,15}			Date (read/write)		Press Span Min ¹¹			
				Time (read/write)		Press Hi Trip SP ⁹			
				Location (read/write)		Press Lo Trip SP ⁹			
				Reset Settings		Press Deadband ⁹			
						High Press Input			
						POC Input			
						Start Input			

¹Shown only when Aux Temp Mode is enabled
²Only the first 3 active alerts are shown
³Shown only when Pilot Off Mode is enabled
⁴Shown only when Process Control Mode is either Staged Heating or PID Control
⁵Available on PF2150-EMD models only
⁶Shown only when Level Mode is 4-20
⁷Shown only when Level Mode is digital
⁸Shown only when Level Mode is 4-20 and Level Units are not mA or %
⁹Shown only when Pressure Mode is 4-20
¹⁰Shown only when Pressure Mode is enabled
¹¹Shown only when Pressure Mode is 4-20 and Pressure Units are NOT mA or %
¹²Shown only when TCV Mode is Valve Control
¹³Shown only when TCV Mode is Bath Temp Echo or Aux Temp Echo
¹⁴Shown when either Level Mode is 4-20 or Pressure Mode is 4-20
¹⁵Shown only when Process Control Mode is PID Control
¹⁶Shown only when Level Mode is not disabled