

Hanse Environmental Standard Watlow Temperature and Vibration Controller

System Menu		Setting							
Guar. Soak Band 1		1							
Guar. Soak Band 2		1							
Current Time									
Current Date									
PID Units		US							
F or C		C							
Show F or C		Yes							
Ch1 Autotune SP		90%							
Ch2 Autotune Sp		90%							
Input 1 Fail		off							
Input 2 Fail		off							
Open Loop Ch1		off							
Open Loop Ch2		off							
Power-Out Time		10 seconds							
Power-Out Action		continue							
Input Menu		Analog In 1	Analog In 2	Analog In 3	Digital In 1	Digital In 2	Digital In 3	Digital In 4	
Sensor		Thermocouple	Process	Thermocouple					
Type		T	0 to 5V	T					
Decimal		0.0	0.0	0.0					
Altitude		0	0	0					
Units		N/A	units	N/A					
Scale Low		N/A	0	N/A					
Scale High		N/A	500	N/A					
SP Low Limit		-100	0	-100					
SP High Limit		200	100	200					
Calibration Offset		0	0	0					
Filter Time		1	1	1					
Error Latch		Self Clear	Self Clear	Self Clear					
Cascade		N/A	N/A	Deviation Cascade					
Cascade Low Range				-10					
Cascade High Range				10					
Name					Fans	Doors	N/A	N/A	
Function					Control outputs off	All Outputs Off	N/A	N/A	
Condition					Low	Low	N/A	N/A	
Control Output Menu		Output 1A	Output 1B	Output 2A	Output 2B	Alarm 1	Alarm 2	Retrans 1	Retrans 2
Function		Heat	Cool	Heat	Off				
Cycle Time		N/A	N/A	N/A	N/A				
Process Type		4 to 20 mA	4 to 20 mA	4 to 20 mA	N/A				
Hi Power Limit		100	100	100	N/A				
Lo Power Limit		0	0	0	N/A				
Alarm Name						Product	Vibration		
Alarm Type						Process	Process		
Alarm Sourc						Input 3	Input 2		
Latching						Self Clears	Self Clears		
Silencing						no	no		
Alarm Hysteresis						3	3		
Alarm Sides						Both	High		
Alarm Logic						Onpen on Alarm	Open On Alarm		
Alarm Messages						Yes	Yes		
Retransmit Source								N/A	N/A
Analog Range								N/A	N/A
Low Scale								N/A	N/A
High Scale								N/A	N/A
Scale Offset								N/A	N/A
Digital Output Menu		Digit Out1	Digit Out2	Digit Out3	Digit Out4	Digit Out5	Digit Out6	Digit Out7	Digit Out8
Name		Heat	Cool	Vibration	Humidity	empty	empty	Purge	Fans
Function		Event Output	Event Output	Event Output	Event Output	off	off	Event Output	Event Output
Boost % Power								N/A	N/A
Boost Delay								N/A	N/A
Compressor On % Power									N/A
Compressor Off % Power									N/A
Compressor On Delay									N/A
Compressor Off Delay									N/A
Communications Menu		Settings							
Baud Rate		19200							
Address		1							

Yellow Denotes Features Recently added or changed.
 If older system alarms and Digital inputs may be disabled for your setup.
 You can enable alarms but there outputs may not fully engage safely
 If wires present on terminals 4 & 5 Alarm 1 present
 If Wires present on terminals 8 & 7 Alarm 2 Present
 If Wires Present on terminals 27 & 28 Digital Input 1 Present
 If Wires Present on terminals 27 & 29 Digital Input 2 Present
 If Wires Present on Terminals 27 & 30 Digital Input 3 Present
 If Wires Present on Terminals 27 & 31 Digital Input 4 Present