

OmniTherm Start-up / Site Evaluation

Job Site Information

Type of work you are performing	Start Up	Site Evaluation
Report Date		
Model Number		
Serial Number		
Install Date		
Job Name		
Job Street Address		
City		
State or Province		
Country		
Technician Name		
Technician Phone		
Technician Email		
Fail Date		
Problem Description		
NOTE: Please attach picture of the 'About' screen		

Exhaust

Vent Material	
Vent Terminal Type	
Vent Diameter (in / cm)	
Vent Length (ft / m)	
Number of 90 deg elbows	
Number of 45 deg elbows	
Common Vent	
Vent Location	
Vertical Distance to Air Intake (ft / m)	
Horizontal Distance to Air Intake (ft / m)	
Distance to Corner or Soffit (ft / m)	

Air Intake

Air Intake Material	
Intake Diameter (in / cm)	

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Intake Length (in / cm)	
Number of 90 deg elbows	
Number of 45 deg elbows	
Common Air Intake	
Intake Location	
Combustion Air Temp (f / c)	

Gas Supply

Static Pressure	
Supply Pressure - Full fire, 1 Boiler	
Supply Pressure - Full fire, All Boilers	
Lock Up Pressure	
Manifold Pressure - High Fire	
Manifold Pressure - Low Fire	
Gas Pipe Diameter (in / cm)	
Gas Pipe Length (in / cm)	
Number of 90 deg elbows	
Number of 45 deg elbows	

Control Settings

CH Setpoint	
On Hysteresis	
Off Hysteresis	
DHW Setpoint	
DHW Offset	
Auto Reset High Limit Setpoint	
Manual Reset High Limit Setpoint	
High Gas Pressure Switch Setpoint	
Low Gas Pressure Switch Setpoint	
Pump Time Delay Setting	
Min Outdoor Air Temp (f / c)	
Max Outdoor Air Temp (f / c)	
Min Boiler Supply Temp (f / c)	
Max Boiler Supply Temp (f / c)	



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WWSD	
External Control	
BMS Protocol	
Address	
Baud Rate	
Instance Number	

Cascade Settings

Address	
Dynamic Address	
Base Load	
Drop Load	
System Sensor Location	
Lag On Hysteresis	
Lag Off Hysteresis	
Max Lag Temp (f / c)	
Lost Lead Setpoint	

Combustion Setup

Gas Type	
CO2% Low Fire	
CO2% High Fire	
CO ppm Low Fire	
CO ppm High Fire	
Combustion Eff %	
O2% Low Fire	
O2% High Fire	
Stack Temp Low Fire (f / c)	
Stack Temp High Fire (f / c)	

CO2% Readings

	Note: SV2 gas valve requires 1 hour heat up time before setting combustion.
P1	
P2	
P3	
P4	
P5	

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P7	
P8	
P9	
P10	
Valve Actual Position at Start-up	
Draft at Boiler Outlet (Cat I only)	

Heat Exchanger Information

Water Pipe Diameter (in / cm)	
Length of Inlet and Outlet Water Pipe (ft / m combined)	
Number of 90 deg elbows (combined)	
Number of 45 deg elbows (combined)	
Min Inlet Temp (f / c)	
Max Outlet Temp (f / c)	
Delta T at Full Fire	
PH	
Chlorides	
Hardness	
TDS	

Comments

Photos

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