HEATING TECHNICAL EVALUATION FORM

Date:	Installation Date:					
Dealer:	Distributor:					
Tech:	Customer:					
	Equipment					
Furnace	Model # Serial #					
Thermostat						
Humidifier						
Indoor Coil						
Outdoor Unit						
Electronic Air						
Furnace Location_	INSTALLATION DATA Furnace Orientation:UpflowDownflowHorizontal RightHorizontal Left					
Type of Fuel	Filter Sizeinches Thicknessinches					
(Natural Gas, L	.P, Oil) Single Stage Furnace					
Two Stage Furnace Low Fire Tap Selected	sec. Heating Speed Tap Selected Cooling Speed Tap Selected High Fire Tap Selected Cooling Speed Tap Selected Switches: 1ONOFF					
	Variable Speed Furnace					
Tap Select Interface Board	Part # (TSIB) Board ColorGREENWHITE (Check answer)					
SW2 DIP Switch Settings:	ON or OFF 1 2 3 4 5 6 7 8 (Select Switch Setting) ON or OFF 1 2 3 4 5 6 7 8 (Select Switch Setting) S: ON or OFF 1 2 3 SW4 DIP Switch Settings: ON or OFF 1 2 3					
DIP SWITCH SET	TINGS ARE DEPENDANT ON FURNACE MODEL. NOT ALL FURNACES HAVE ALL DIP SWITCHES.					
J1 jumper position :	+ NOM NOM NOM J2 jumper: AC/HP EFFICIENCY HP COMFORT OPERATIONAL CHECKS					
FLASH CODE	(number) FLAME SENSOR CURRENT uA D.C					
	Voltage Checks					
Line Voltageva	c(s) Control Voltagevac(s) Line Voltagevac(o) Control Voltagevac(o)					
Main Limitvac(o) Roll Out Switchvac(o) Pressure Switchvac(o)					

* S = Static Condition O = Operating Condition

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BLOWER AMP DRAW Low Fire	amps High F	iream	ps Low Cool	amps High Cool	amps		
INDUCER AMP DRAW Low Fire	amps Hi	gh Fire	amps				
PRESSURE SWITCH Makes @_	" W.C.	Low Fire	Breaks @	" w.c. Low	<i>i</i> Fire		
Makes @	" W.C	w.c. High Fire Breaks @		" w.c. High	n Fire		
DUCT SYSTEM STATIC PRESS	URE (ESP)						
Low Fire w.c. High F	re w.	c. Low Cool	" w.c. High	Cool " w.c	;		
		Firing F	Rate				
Firing rate = he	at content (btu/cu. ft.) X 3600(sec/hr)/ seconds for 1 rev	olution(assume 1 cu.	. ft. dial)		
Example - (950 btu/cu. ft.) X (3600 sec/hr.) / 48 sec. = 71,250 btu/hr.							
Local Gas Heat Content	btu/hr.	High Fire	btu/hr.	Low Fire	btu/hr.		
Supply Pressure*	"W.C.	Orifi	ce#	Altitu	udeft.		
Manifold Pressure: High Fire	"W.	C.	Low Fire	"W.C.			
*Sı	upply pressure shoul	d be checked w	rith all other gas app	oliances running			
		Temperatu	re Rise				
Supply Air Temperature(°F) High Fire(°F							
Return Air Temperature		(°F) Low Fire	;				
Temperature Rise**		(°F) Low Fire					
**Temperature ris	se is equal to the sup	oply air temp mi	nus the return air te	emp @ steady state o	peration.		
The supply te	mperature should be	e measured awa	y from the line of si	ght of the heat excha	anger.		
		VENT SY	STEM				
PVC:							
Total Lengthft.	•						
Termination Location		Termination T	ype SIDEWALL	CONCENTRIC	1 PIPE2 PIPE		
METAL:	V 15:		V 		DOUBLE WALL		
Vent Heightft. Vent							
Cap Above Peak Y							
Connector Lengthft.				•	: Furnaceft.		
Connector TypeSINGLE WA	LLDOUBLE WA	LL Wate	r Heater Input	btu/hr			
	C	OMBUSTION	ANALYSIS				
O2% CO2				(°F) Amb	oient Temp(°F)		
Excess Air%	<u></u>	····	- ·· · · · · · · · · · · · · · · · · ·		- 1		
	Ai	r Stream Me	asurements				
Supply	Air Stream CO			n CO %			
11,							