

# TEST DATA SHEET

Cooling  Heat Pump  Gas Equip

3 Phase

Technical Support Phone Number 1-888-593-9988



DEALER NAME		DEALER PHONE #		CONTACT NAME:	
Homeowner Name					
Jobsite Address		City		State Zip	
Installation Date					
Service Issue:		Notes:		Date:	
				Time In:	
				Time Out:	
MODEL #		MFG #		SERIAL #	
Condensing Unit / Package					
Evaporator Coil					
Furnace / Air Handler					
<b>GENERAL INFORMATION</b>					
Filter Size and Type #1			Current Condition ( Clean / Dirty / Totally Plugged )		
Filter Size and Type #2			Current Condition ( Clean / Dirty / Totally Plugged )		
Filter Size and Type #3			Current Condition ( Clean / Dirty / Totally Plugged )		
Thermostat (Brand)		Model			
<b>HEATING</b>		<b>COOLING</b>		<b>AIRFLOW</b>	
Gas Pressure (Low Fire)		Indoor Performance:		Outdoor Performance:	
Inlet ("w.c.)		Entering (DB)		Outdoor (DB)	
Outlet ("w.c.)		Exiting (DB)		<b>SUBCOOLING (TXV)</b>	
Gas Pressure (High Fire)		T D (RA-SA) =		Liqued Line Pressure	
Inlet ("w.c.)		Entering (WB) E		Liq Line Temp.	
Outlet ("w.c.)		Leaving (WB) E		Sat. Temp	
Temperature Rise:		Enthalpy Diff. TC		Subcooling =	
Supply Air		Evaporator Type:		<b>SUPERHEAT (Orifice)</b>	
Return Air		Orifice TXV		Suction Pressure	
T R (SA - RA) =		# #		Suc Line Temp.	
Btuh Input:		<b>Electrical:</b>		Sat. Temp	
Fuel Type: NAT / LP		Supply Voltage		Superheat =	
Gas Orifice size		Voltage 3 Phase			
Altitude		L1,L2 L1,L3 L2,L3			
Gas Meter Timing		Breaker-Fuse Size		<b>Variable Speed Dip Switch Settings (Circle One)</b>	
Seconds for 1 cubic foot		Blower Amps		Switch 1 ON or OFF	
Calculate BTU Input from formula		Comp. Amps		Switch 2 ON or OFF	
BTU In =		Cond. Fan Amps		Switch 3 ON or OFF	
Calculate TH output from TR		<b>Line Set Size: (Circle)</b>		Switch 4 ON or OFF	
TH Out =		Suct Line 3/4 7/8 1 1/8		<b>X-13 Motor Settings (Circle One)</b>	
Flue Piping:		Liq Line 1/4 3/8 1/2		Tap # 1 Wire Color Used >>>	
METAL PVC		Length (ft.)		Tap # 2 Wire Color Used >>>	
Size Size		# Elbows (Liq Line)		Tap # 3 Wire Color Used >>>	
Vert Vert.		# Elbows (Suc Line)		Tap # 4 Wire Color Used >>>	
Horiz Horiz		<b>Formulas</b>		Tap # 5 Wire Color Used >>>	
Ells Ells		E = Enthalpy of WB		<b>ACTION TAKEN TO RESOLVE PROBLEM</b>	
Electrical Readings:		TC = E dif. X 4.5 X CFM			
Line Volts Ground		TH = T R heating X 1.08 XCFM			
Line Voltage to Neut		TC=Total cooling BTU output			
Neu/Grd Voltage		TH = Total Heating BTU output			
Low Voltage		TH ( electric heat)=( V X A ) X 3.413			
Polarity OK YES / NO		V = Volts AC A = Amps AC at heater			
Micro Amp		CFM = TH ( electric heat) ÷ TR X 1.08			
Dedicated Circuit YES / NO		Gas meter timing for gas BTU Input			
Breaker / Fuse Size		(1050 X 3600) ÷ Time for 1 Cu. Ft.			