DATE:	HVAC System Performance Measurement Sheet			
TIME:				
	MEASUREMENT 1		MEASUREMENT 2	
	MEASURED VALUE	EVALUATION	MEASURED VALUE	EVALUATION
OSA Temp				
Discharge Press*				
Suction Press*				
Super Heat (Calculated)*				
Sub Cooling (Calculated)*				
Compressor Running Amps*				
Liquid Line Press				
Liquid Line Temp				
Suction Line Temp				
Compressor Data Plate RLA				
OFM Data Plate RLA				
OFM Running Amps				
IFM Data Plate RLA				
IFM Running Amps				
Return Plenum DB Tenp				
Return Plenum WB Temp				
Supply Plenum DB Temp				
Supply Plenum WB Temp				
Return Static Pressure				
Supply Static Pressure				
Voltage L1-L2				
Voltage L1-L3				
Voltage L2-L3				
L1 Amps				
L2 Amps				
L3 Amps				

SYSTEM EVALUATION TIPS*					
SYSTEM DIAGNOSIS	**Discharge Press**	**Suction Pressure**	**Super Heat**	**Sub Cooling**	**Compressor Amps**
Overcharge	High	High	Low	High	High
Undercharge	Low	Low	High	Low	Low
Liquid Restriction	Low	Low	High	High	Low
Low Evap Airflow	Low	Low	Low	High	Low
Dirty Condenser	High	High	Low	Low	High
Low Ambient Temp	Low	Low	High	High	Low
Inefficient Compressor (Bad Valves)	Low	High	High	High	Low
TXV / TEV Sensing Bulb Charge Lost	Low	Low	High	High	Low
TXV / TEV Sensing Bulb Loose Not Making Good Contact	High	High	Low	Low	High
TXV / TEV Sensing Bulb Poorly Insulated	High	High	Low	Low	High