

Charge & Airflow

Money Test

3362 E Grove Ave
Mesa, AZ 85204

Date of Service 6/12/2017

Time of Service 9:27:18AM

Worked Performed

What is Refrigerant Charge?

Refrigerant charge (Freon® level) & airflow are the most critical adjustments that a contractor can make to an A/C system at the time of installation, during service, or when the system is retro-commissioned. Charge & airflow have a large and direct impact on the operation cost, equipment longevity, and your comfort. Multiple studies have shown that over 70% of systems have problems with charge & airflow that when corrected result significantly more cooling and lower operational cost.

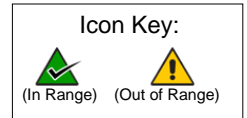
Job Number 1234



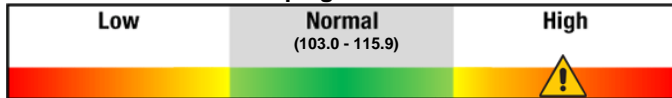
Comments

Smooth operation

System Targets



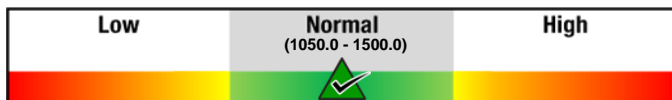
Suction Pressure: 118.3 psig



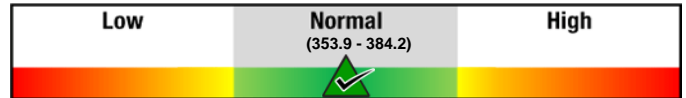
Superheat: 4.1 °F



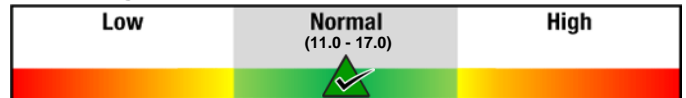
Estimated Airflow: 1355 cfm



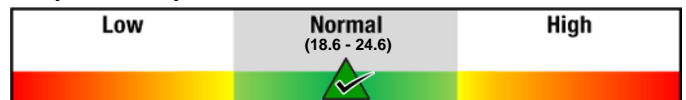
High Pressure: 362.6 psig



Subcooling: 15.9 °F



Temperature Split: 19.6 °F



System Information

Condenser Model # XC25-036-230-**	Condenser Manufacturer LENNOX INDUSTRIES, INC.
Evaporator Model # CX34-38+TDR	Evaporator Manufacturer LENNOX INDUSTRIES, INC.
Furnace/AHU Model # SL280UH090V36B*	Furnace/AHU Manufacturer LENNOX INDUSTRIES, INC....
Condenser Serial # 999123	BTU's 35,600
Furnace/AHU Serial # 12399900	Sys. Conf. Split
Evaporator Serial # 5551212	Refrigerant R410A

System Performance

System Capacity		System Electrical Efficiency	
Nominal Airflow	1200 cfm	Total Watts	2,069
BTU/H Total	28,829	EER	13.93
BTU/H Sensible	27,039	Dehumidification	
BTU/H Latent	1,790	Lbs/Hour	1.62
		Gallons/Hour	0.04



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