HVAC SAVE.com

Heating Equipment Testing Contractor Report Furnace

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General Information

Job Name	**Furnace Install Test**	Date	**12/29/2013**
Technician	**12/29/2013**	Start Time	**3:30 PM**
Altitude	**Joe Contractor**	Finish Time	**4:00 PM**
	900		

Equipment Information

Furnace

Manufacturer	**Amana**
Model #	**FurnaceModel123**
Serial #	**123456789**
Rated AFUE	**96.7**
Rated Input	**60000**
Rated Output	**58000**

Indoor Coil

Manufacturer	**Amana**
Model #	**CoilModel123**
Serial #	**345678901**

Outdoor Equipment

Manufacturer	**Amana**
Model #	**ACModel123**
Serial #	**234567890**
Rated SEER	**15.5**

(Rated Output)

(Equipment Score 85-110)

Equipment Performance Results

SAVE Score	**88**	Adjusted Input	**59211**
Measured Btu/h	**50584**	Adjusted Output	**57237**

(Measured Output)

(Adjusted Output)

Duct Performance Results

Supply Duct

SAVE Score	**79**
Btu/h Loss	**10572**

Total Duct

SAVE Score	**71**
Btu/h Loss	**14638**

Return Duct

SAVE Score	**92**
Btu/h Loss	**4066**

System Performance Results

SAVE Score	**63**	Measured Btu/h	**35984**

Equipment Airflow

Measured CFM **950**   Fan Speed **Medium or Medium High**

Static Pressure Measurements

Equipment		*Filter*	
Suction Pressure	.21	Before Pressure	.11
Discharge Pressure	.32	After Pressure	.21
Total ESP	.53	Pressure Drop	.1

Duct		*Coil*	
Supply Pressure Drop	.09	Before Pressure	.32
Return Pressure Drop	.11	After Pressure	.09
Total Pressure Drop	.2	Pressure Drop	.23

Equipment & Outdoor Temperature Measurements

Equipment		*Outdoor*	
Supply DB	**125.2**	Ambient DB	**10.8**
Return DB	**75.4**		
ΔT	**49.8**		

Register & Grille Temperature Measurements

Supply Register		*Return Grille*	
Half Bathroom	**115.8**	**Half Bathroom**	**79.3**
Half Bathroom	**112.5**	**Half Bathroom**	**78.7**
Half Bathroom	**116.1**	**Half Bathroom**	**80.1**

System

Average Register DB	**114.8**
Average Grille DB	**79.4**
ΔT	**35.4**