National TAB

Project:CMS E.E. Waddell High Reno (Charlotte, NC)

Comfort. Under control.

VAV - Single Duct

VAV/

Asset									
Asset Name	**Type**	**Inlet Size**	**Design Max CFM**	**Max CFM**	**Design Min CFM**	**Min CFM**	**Design Heat CFM**	**Heat CFM**	**Ak (max)**
VAV-1	VAV	10"	1250		320		630		

Diffuser Supply (GRD)

RTU-3 DIFFUSER/

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
3-1	301	A	12"12"	460					-

Diffuser Supply (GRD)

VAV-1/301A

Asset									
Asset Name	**Location**	**Type**	**Size**	**DESIGN CFM**	**AK**	**CFM(1)**	**CFM(2)**	**FINAL CFM**	**% to design**
3.1-1	301A	A	12"12"	400					-
3.1-2	301A	A	12"12"	400					-
3.1-3	301A	A	12"12"	400					-

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF1 AREA:

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	USF-12	USF-12
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	5.8
Service Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

Test Data		
	Design	**Actual**
CFM	870	
Fan RPM	1187	
RL Voltage	-	115
RL Amperage	-	5.8
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	0.
Brake Horse Power	-	0.15

Completed By: Stephan Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF2 AREA:

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	USF-12	USF-12
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	5.8
Service Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

Test Data		
	Design	**Actual**
CFM	870	
Fan RPM	1187	
RL Voltage	-	115
RL Amperage	-	5.8
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	0.15

Completed By: Stephan Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF3 AREA:

Unit Data		
	Design	**Actual**
MFG	GREENHECK	GREENHECK
Model Num	USF-12	USF-12
Serial Num	-	
Type	-	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	5.8
Service Factor	-	

Drive Data		
	Design	**Actual**
Motor Sheave Size	-	
Motor Bore Size	-	
Motor Sheave SetPt	-	
Fan Sheave Size	-	
Fan Sheave Bore	-	
Belt CL Distance	-	
Num of Belts	-	
Belt Size	-	

Test Data		
	Design	**Actual**
CFM	870	
Fan RPM	1187	
RL Voltage	-	115
RL Amperage	-	5.8
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	0.15

Completed By: Stephan Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-4 AREA:GENERAL EXHAUST

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	G-140-VG
Serial Num	-	
Type	CRE	

Test Data		
	Design	**Actual**
CFM	1300	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.50	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Frame	-	
Horsepower	0.50	
Motor Rpm	1200	
Phase	1	
Voltage (rated)	277	
Amperage (rated)	-	
Service Factor	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-5 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A510
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	350	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1015	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-6 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A390-VG
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	175	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1099	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-7 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A390-VG
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	175	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1099	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-8 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A90-130-VG
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	129	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1041	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-9 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A90-130-VG
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	129	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1041	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-10 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A90-130-VG
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	129	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1041	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes:

National TAB

Project: CMS E.E. Waddell High Reno (Charlotte, NC)

System/Unit: FAN - Exhaust

Comfort. Under control.

Asset: EF-11 AREA:

Unit Data		
	Design	**Actual**
MFG	NA	GREENHECK
Model Num	NA	SP-A90-130-VG
Serial Num	-	

Test Data		
	Design	**Actual**
CFM	129	

Motor Data		
	Design	**Actual**
Motor MFG	-	
Horsepower	-	
Motor Rpm	1041	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Completed By: Michael Gabbert

Notes: