

National TAB

Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: AHU/RTU



Asset: RTHP-1

AREA:258

Unit Data		
	Design	Actual
MFG	NA	RHEEM
Serial Num	-	F462000993
Model Num	NA	RHPCZR036ACT000AA
Configuration	-	VERTICAL
Num OA Filters 1	-	NA
OA Filter Size 1	-	NA
Num PreFilter 1	-	4
PreFilter Size 1	-	16X16X2

Test Data		
	Design	Actual
SF CFM	1010	1144
RA CFM	-	1144
OA CFM	85	0
RL Voltage	-	214
RL Amperage	-	2.7
OA Damper Position	-	0%
Brake Horse Power	-	.34

Motor Data		
	Design	Actual
Motor MFG	-	Genteq
Frame	-	NL
Horsepower	-	0.75
Motor Rpm	-	1050
Phase	-	1
Rated Voltage	-	208
Rated Amperage	-	6.0
Service Factor	-	1

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.34"
Fan Suction SP	-	-0.55"
Fan Discharge SP	-	0.40"
Total ESP	-	0.74"
Fan Total SP	-	0.95"

Completed By: Chistian Moller on 03/25/2025

Notes:

Speed tap 4/low speed

Written By: Chistian Moller on 03/25/2025

Unit Data - PHOTO LOG



03/25/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

AHU/RTU



Diffuser Supply (GRD)

RTHP-1/258

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
2-1	259	A	6	100	178	114	114.0
2-2	258	A	8	150	273	156	104.0
2-3	258	A	8	150	119	172	114.7
2-4	258	A	8	150	142	172	114.7
2-5	258	A	8	160	159	184	115.0
2-6	258	A	8	150	159	171	114.0
2-7	258	A	8	150	152	175	116.7
Total				1010	1182	1144	113.27%

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Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: AHU/RTU



Asset: RTU-1

AREA:257

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Serial Num	-	2409110244
Model Num	NA	DFC0603D000029CAA
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	16X27.75
Num PreFilter 1	-	2
PreFilter Size 1	-	25X20X2

Motor Data		
	Design	Actual
Motor MFG	-	SELECTECH
Frame	-	48Y
Horsepower	-	1
Motor Rpm	-	1200
Phase	-	1
Rated Voltage	-	208
Rated Amperage	-	6.9
Service Factor	-	1

Test Data		
	Design	Actual
SF CFM	2000	1829
RA CFM	-	1592
OA CFM	225	237
RL Voltage	-	212
RL Amperage	-	5.7
OA Damper Position	-	3.4V/17%
Brake Horse Power	-	0.83

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.44"
Fan Suction SP	-	-0.69"
Fan Discharge SP	-	0.40"
Total ESP	0.5	1.53"
Fan Total SP	0.63	1.09"

Completed By: Antonio Flores-De La Cruz on 03/27/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

AHU/RTU



Diffuser Supply (GRD)

RTU-1/257

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1	247	A	8	210	176	186	88.6
1-2	245	A	8	210	135	142	67.6
1-4	244	A	8	190	145	153	80.5
1-4	243	A	8	125	191	201	160.8
1-5	249	A	8	210	117	124	59.0
1-6	250	A	8	150	143	151	100.7
1-6	252	A	8	150	170	179	119.3
1-8	253	A	8	210	158	167	79.5
1-9	256	A	8	125	185	196	156.8
1-10	255	A	8	210	116	123	58.6
1-11	257	A	8	210	196	207	98.6
Total				2000	1732	1829	91.45%

Completed By: Antonio Flores-De La Cruz on 03/27/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: AHU/RTU



Asset: (E) AC-5

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	15111PXYBA
Model Num	NA	TWE0900300AA
Type	-	AHU
Configuration	-	VERTICALE
Num PreFilter 1	-	3
PreFilter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56H
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	5.3
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	1VP34
Motor Bore Size	.625"
Fan Sheave Size	AK64
Fan Sheave Bore	1"
Belt CL Distance	17.5"
Num of Belts	1
Belt Size	A47

Test Data		
	Design	Actual
SF CFM	2000	1869
SF RPM	-	846
RA CFM	-	1556
OA CFM	331	313
RL Voltage	-	214/215/214
RL Amperage	-	4.1/4.0/4.1
RA Damper Position	-	NA
OA Damper Position	-	50%
Brake Horse Power	-	2.7

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.60"
Fan Suction SP	-	-0.96"
Fan Discharge SP	-	0.40"
Total ESP	-	1.96"
Fan Total SP	-	1.36"

Completed By: Antonio Flores-De La Cruz on 03/27/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

AHU/RTU



Diffuser Supply (GRD)

(E) AC-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
(E) AHU-5-SGRD1	240	A	8	200	182	201	100.5
(E) AHU-5-SGRD2	238	C	6	60	42	58	96.7
(E) AHU-5-SGRD3	239	D	10	210	208	197	93.8
(E) AHU-5-SGRD4	239	D	10	210	202	196	93.3
(E) AHU-5-SGRD5	237	D	10	240	189	225	93.8
(E) AHU-5-SGRD6	237	D	10	240	160	225	93.8
(E) AHU-5-SGRD7	235	D	10	275	147	249	90.5
(E) AHU-5-SGRD8	235	D	10	275	169	248	90.2
(E) AHU-5-SGRD9	234	A	8	145	118	133	91.7
(E) AHU-5-SGRD10	234	A	8	145	125	137	94.5
Total				2000	1542	1869	93.45%

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Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: AHU/RTU



Asset: (E) AC-6

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	15083PCRBA
Model Num	NA	TWE090D300AA
Type	-	AHU
Configuration	-	VERTICAL
Num PreFilter 1	-	3
PreFilter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56H
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	5.8
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	1VP34
Motor Bore Size	0.625"
Fan Sheave Size	AK64
Fan Sheave Bore	1"
Belt CL Distance	17.5"
Num of Belts	1
Belt Size	A47

Test Data		
	Design	Actual
SF CFM	2700	1784
SF RPM	-	835
RA CFM	2374	1426
OA CFM	326	358
RL Voltage	-	214/215/214
RL Amperage	-	3.4/3.3/3.4
RA Damper Position	-	NA
OA Damper Position	-	65%
Brake Horse Power	-	2.7

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.57"
Fan Suction SP	-	-0.96"
Fan Discharge SP	-	0.31"
Total ESP	-	1.27"
Fan Total SP	-	0.88"

Completed By: Antonio Flores-De La Cruz on 03/27/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

AHU/RTU



Diffuser Supply (GRD)

(E) AC-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
(E) AHU-6-SGRD1	218	A	8	150	126	99	66.0
(E) AHU-6-SGRD2	220	A	8	150	93	98	65.3
(E) AHU-6-SGRD3	210	A	8	150	100	100	66.7
(E) AHU-6-SGRD4	224	A	8	150	106	106	70.7
(E) AHU-6-SGRD5	206	A	8	150	89	99	66.0
(E) AHU-6-SGRD6	216	A	8	190	148	126	66.3
(E) AHU-6-SGRD7	215	A	8	190	85	127	66.8
(E) AHU-6-SGRD8	217	A	8	120	133	80	66.7
(E) AHU-6-SGRD9	217	A	8	120	112	79	65.8
(E) AHU-6-SGRD10	225	A	8	120	101	77	64.2
(E) AHU-6-SGRD11	225	A	8	150	89	99	66.0
(E) AHU-6-SGRD12	227	A	8	150	92	98	65.3
(E) AHU-6-SGRD13	221	A	8	120	81	81	67.5
(E) AHU-6-SGRD14	227	A	8	150	94	98	65.3
(E) AHU-6-SGRD15	229	A	8	150	92	99	66.0
(E) AHU-6-SGRD16	229	A	8	120	80	80	66.7
(E) AHU-6-SGRD17	232	A	8	120	54	80	66.7
(E) AHU-6-SGRD18	233	A	8	125	51	75	60.0
(E) AHU-6-SGRD19	235	A	8	125	57	83	66.4
Total				2700	1783	1784	66.07%

Completed By: Antonio Flores-De La Cruz on 03/27/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: AHU/RTU



Asset: (E) AC-7

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	15104UNBBA
Model Num	NA	TWE090D300AA
Type	-	AHU
Configuration	-	VERTICAL
Num PreFilter 1	-	3
PreFilter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56H
Horsepower	-	1.5
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	5.3
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	1VP34
Motor Bore Size	0.625"
Fan Sheave Size	AK64
Fan Sheave Bore	1"
Belt CL Distance	17.5"
Num of Belts	1"
Belt Size	A47

Test Data		
	Design	Actual
SF CFM	1590	1620
SF RPM	1756	847
RA CFM	1421	1453
OA CFM	169	167
RL Voltage	-	214/215/214
RL Amperage	-	3.3/3.2/3.3
RA Damper Position	-	NA
OA Damper Position	-	50%
Brake Horse Power	-	2.7

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.18"
Fan Suction SP	-	-0.58"
Fan Discharge SP	-	0.75"
Total ESP	-	1.51"
Fan Total SP	-	1.33"

Completed By: Antonio Flores-De La Cruz on 03/27/2025

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Project: Morton Gettys Law Office (Rock Hill, SC)

AHU/RTU



Diffuser Supply (GRD)

(E) AC-7/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
AHU-7-SGRD1	200	D	10	260	432	259	99.6
AHU-7-SGRD2	211	A	10	260	248	258	99.2
AHU-7-SGRD3	207	A	10	260	320	268	103.1
AHU-7-SGRD4	203	A	10	260	328	273	105.0
AHU-7-SGRD5	202	A	8	170	158	169	99.4
AHU-7-SGRD6	200	D	8	140	127	148	105.7
AHU-7-SGRD7	001	F	6	100	50	97	97.0
AHU-7-SGRD8	200	D	8	140	156	148	105.7
Total				1590	1819	1620	101.89%

National TAB

Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: Split Sys Furnace



Asset: (E) AC-8

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Model Num	NA	4TEC3F42C1000AA
Serial Num	-	8325PFK1V
Configuration	-	HORIZONTAL
Filter Size Size 1	-	20X20X1

Motor Data		
	Design	Actual
Motor MFG	-	NA
Frame	-	NL
Horsepower	-	0.5
Motor Rpm	-	1725
Phase	-	1
Voltage	-	208
Amperage	-	3.3

Test Data		
	Design	Actual
SF CFM	1200	1278
Motor Speed SetPt	-	C / MED-HI
RL Voltage	-	214
RL Amperage	-	2.7
RA CFM	1136	1211
OA CFM	64	67

Performance Data		
	Design	Actual
Suction ESP	-	-0.35"
Discharge ESP	-	0.21"
Total ESP	-	0.56"

Completed By: Antonio Flores-De La Cruz on 03/26/2025

National TAB

Project: Morton Gettys Law Office (Rock Hill, SC)

Split Sys Furnace



Diffuser Supply (GRD)

(E) AC-8/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
(E) AC-8-SGRD1	214	A	8	200	185	211	105.5
(E) AC-8-SGRD2	214	A	8	200	213	213	106.5
(E) AC-8-SGRD3	213	A	8	200	239	212	106.0
(E) AC-8-SGRD4	213	A	8	200	191	214	107.0
(E) AC-8-SGRD5	212	A	8	200	157	213	106.5
(E) AC-8-SGRD6	212	A	8	200	168	215	107.5
Total				1200	1153	1278	106.5%

National TAB

Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:215

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-A390-VG
Serial Num	-	25035916
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	210	213
RL Voltage	-	120
RL Amperage	-	0.83
Total ESP	0.5	0.21"

Motor Data		
	Design	Actual
Motor MFG	-	VARIGREEN
Frame	-	NL
Horsepower	-	0.10
Motor Rpm	1266	1750
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.5
Service Factor	-	1

Completed By: Antonio Flores-De La Cruz on 03/26/2025

Notes:
SPEED DIAL SET AT 5.5

Written By: Antonio Flores-De La Cruz on 03/26/2025

National TAB

Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: FAN - Exhaust



Asset: EF-2

AREA:MENS RR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-A390-VG
Serial Num	-	25035890
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	210	215
RL Voltage	-	120
RL Amperage	-	0.83
Total ESP	0.5	0.24"

Motor Data		
	Design	Actual
Motor MFG	-	VARIGREEN
Frame	-	NL
Horsepower	-	0.10
Motor Rpm	1266	1750
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.5
Service Factor	-	1

Completed By: Antonio Flores-De La Cruz on 03/26/2025

Notes:
SPEED DIAL SET AT 5.5

Written By: Antonio Flores-De La Cruz on 03/26/2025

National TAB

Project: Morton Gettys Law Office (Rock Hill, SC)

System/Unit: FAN - Exhaust



Asset: EF-3

AREA:240

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-A90-130-VG
Serial Num	-	25035930
Type	CEILING	Ceiling

Test Data		
	Design	Actual
CFM	120	122
RL Voltage	-	120
RL Amperage	-	0.55
Total ESP	0.5	0.16"

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	CCW
Horsepower	-	0.10
Motor Rpm	1041	1750
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.5
Service Factor	-	1

Completed By: Chistian Moller on 03/25/2025

Notes:

Speed dial set at 3.5

Written By: Chistian Moller on 03/25/2025