

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: AHU/RTU



Asset: AHU-1N 1

AREA:N161

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Serial Num	-	
Model Num	NA	CAH021GDGM
Type	-	
Configuration	INLINE HORIZONTAL	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	10000	
SF RPM	2572	
RA CFM	-	
OA CFM	2230	
Relief CFM	-	
RL Voltage	480	
RL Amperage	12.50	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	9.25	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.50	
Fan Total SP	3.12	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

AHU/RTU



VAV - Single Duct

AHU-1N 1/N161

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
AT-H142	PRICE	SDV	REHEAT	8	600		180		180		
AT-H144	NA	PRICE	SDV	5	255		80		80		
AT-N104	PRICE	SDV	REHEAT	6	310		95		95		
AT-N110	PRICE	SDV	REHEAT	10	1020		310		310		
AT-N111	PRICE	SDV	REHEAT	6	285		90		90		
AT-N113	PRICE	DSV	REHEAT	8	575		175		175		
AT-N116	PRICE	SDV	REHEAT	5	255		125		125		
AT-N118	PRICE	SDV	REHEAT	7	390		120		120		
AT-N121	PRICE	SDV	REHEAT	10	825		250		250		
AT-N122	PRICE	SDV	REHEAT	8	620		190		190		
AT-N125	PRICE	SDV	REHEAT	7	390		120		120		
AT-N131	PRICE	SDV	REHEAT	14	1890		570		570		
AT-N141	PRICE	SDV	REHEAT	5	230		70		70		
AT-N142	PRICE	SDV	REHEAT	5	200		60		60		
AT-N151	PRICE	SDV	REHEAT	12	1495		450		450		
AT-N110A 1	PRICE	SDV	REHEAT	6	340		105		105		
AT-N113A 1	PRICE	SDV	REHEAT	4	95		50		50		
AT-N125A 1	PRICE	SDV	REHEAT	4	75		45		45		
AT-N153A 1	PRICE	SDV	-	5	230		70		70		
AT-N153B 1	PRICE	NA	-	5	205		100		100		
AT-N153C 1	PRICE	SDV	-	4	170		85		85		
AT-N153E 1	PRICE	DSV	-	5	210		65		65		

Diffuser Ret/Exh (GRD)

AHU-1N 1/N161

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R1N-1	N107 CORRIDOR	RG-1	22X22	215				-
R1N-2	N111 PW OFFICE	RG-1	22X22	75				-
R1N-3	N122 BREAK RM	RG-1	22X22	290				-
R1N-4	N110A SPIR	RG-1	22X22	170				-
R1N-5	N110AA COMSEC	RG-1	22X22	170				-
R1N-6	N110 AVIONICS	RG-1	22X22	540				-
R1N-7	N110 AVIONICS	RG-1	22X22	540				-
R1N-8	N116 AVIONICS CHIEF	RG-1	22X22	110				-
R1N-9	N117 CMF CHIEF	RG-1	22X22	95				-
R1N-10	N118 CONFERENCE	RG-1	22X22	390				-
R1N-11	N113 ENGINE WORKROOM	RG-1	22X22	575				-
R1N-12	N113A ENG ELEMENT CHIEF	RG-1	22X22	95				-
R1N-13	N150 CORRIDOR	RG-1	22X22	330				-
R1N-14	N143 SHIRT OFFICE	RG-1	22X22	75				-
R1N-15	N151 READY/BREAK RM	RG-1	22X22	330				-
R1N-16	N151 READY/BREAK RM	RG-1	22X22	330				-
R1N-17	N141 COMMANDER	RG-1	22X22	90				-
R1N-18	N153F AMXS FLIGHT CHIEF	RG-1	22X22	80				-
R1N-19	N153C AMXS FLIGHT CHIEF	RG-1	22X22	90				-
R1N-20	N153B AMXS FLIGHT CHIEF	RG-1	22X22	205				-
R1N-21	N153 CORRIDOR	RG-1	22X22	55				-
R1N-22	N153A AMXS FLIGHT CHIEF	RG-1	22X22	230				-
R1N-23	N151 READY/BREAK RM	RG-1	22X22	330				-
R1N-24	N151 READY/BREAK RM	RG-1	22X22	330				-
R1N-25	N144 PRO SUP	RG-1	22X22	75				-
R1N-26	N142 MOO	RG-1	22X22	75				-
R1N-27	N120 CORRIDOR	RG-1	22X22	245				-
R1N-28	N125A REP	RG-1	22X22	75				-
R1N-29	N125 OPEN OFFICE	RG-1	22X22	390				-
R1N-30	N131 CTK	RG-1	22X22	1200				-
R1N-31	H144 HYDRO ADMIN	RG-1	22X22	180				-
R1N-32	144A HYDRO SECTION CHIEF	RG-1	22X22	75				-
R1N-33	H142A ELEC SECTION CHIEF	RG-1	22X22	75				-
R1N-34	H140 PASSAGE	RG-1	22X22	130				-
R1N-35	H143 ELEC/HYDRO STORAGE	RG-1	22X22	50				-
R1N-36	H142 ELEC ADMIN	RG-1	22X22	220				-
R1N-37	H141 ACCESSORIES ELEMENT CHIEF	RG-1	22X22	75				-
Total				8605		0	0	0%

Diffuser Supply (GRD)

AT-H142/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
H142-1	H140 PASSAGE	CD-2	8	130			-
H142-2	H143 ELEC/HYD STORAGE	CD-1	6	50			-
H142-3	H141 ACCESSORIES CHIEF	CD-1	6	75			-
H142-4	H142 ELEC ADMIN	CD-1	6	110			-
H142-5	H131 VESTIBULE	CD-1	6	50			-
H142-6	H142 ELEC ADMIN	CD-1	6	110			-
H142-7	h142A ELEC OFFICE	CD-1	6	75			-
Total				600	0	0	0%

AT-H144/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
H144-1	H144A HYDRO CHIEF	CD-1	6	75			-
H144-2	H144 HYDRO ADMIN	CD-2	8	180			-
Total				255	0	0	0%

AT-N104/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N104-1	N104 WOMEN RR	CD-2	8	205			-
N104-2	N101 CORRIDOR	CD-1	6	55			-
N104-3	N104B WOMEN SHOWER	CD-1	6	50			-
Total				310	0	0	0%

AT-N110/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N110-1	N110 AVIONICS	CD-2	8	170			-
N110-2	N110 AVIONICS	CD-2	8	170			-
N110-3	N110 AVIONICS	CD-2	8	170			-
N110-4	N110 AVIONICS	CD-2	8	170			-
N110-5	N110 AVIONICS	CD-2	8	170			-
N110-6	N110 AVIONICS	CD-2	8	170			-
Total				1020	0	0	0%

AT-N111/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N111-1	N107 CORRIDOR	CD-2	8	160			-
N111-2	N112 STORAGE	CD-1	6	50			-
N111-3	N111 PW OFFICE	CD-1	6	75			-
Total				285	0	0	0%

AT-N113/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N113A-1	N113 ENGINE WORKROOM	CD-1	6	115			-
N113A-2	N113 ENGINE WORKROOM	CD-1	6	115			-
N113A-3	N113 ENGINE WORKROOM	CD-1	6	115			-
N113A-4	N113 ENGINE WORKROOM	CD-1	6	115			-
N113A-5	N113 ENGINE WORKROOM	CD-1	6	115			-
Total				575	0	0	0%

AT-N116/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N116-1	N115 PASSAGE	CD-1	6	50			-
N116-2	N116 AVIONICS CHIEF	CD-1	6	110			-
N116-3	N117 CMF CHIEF	CD-1	6	95			-
Total				255	0	0	0%

AT-N118/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N118-1	N118 CONFERENCE	CD-2	8	195			-
N118-2	N118 CONFERENCE	CD-2	8	195			-
Total				390	0	0	0%

AT-N121/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N121-1	N121 MENS RR	CD-3	10	275			-
N121-2	N121A MENS LOCKERS	CD-3	10	275			-
N121-3	N121C MENS SHOWERS	CD-3	10	275			-
Total				825	0	0	0%

AT-N122/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N122-1	N122 BREAK RM	CD-2	8	220			-
N122-2	N122 BREAK RM	CD-2	8	180			-
N122-3	N122 BREAK RM	CD-2	8	220			-
Total				620	0	0	0%

AT-N125/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N125-1	N125	CD-2	8	195			-
N125-2	N125	CD-2	8	195			-
Total				390	0	0	0%

AT-N131/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N131-1	N131 CTK	SG-1	12X6	180			-
N131-2	N131 CTK	SG-1	12X6	180			-
N131-3	N131 CTK	SG-1	12X6	180			-
N131-4	N131 CTK	SG-1	12X6	180			-
N131-5	N131 CTK	SG-1	12X6	180			-
N131-6	N131 CTK	SG-1	12X6	180			-
N131-7	N131 CTK	SG-1	12X6	180			-
N131-8	N131 CTK	SG-1	12X6	180			-
N131-9	N131 CTK	SG-1	12X6	180			-
N131-10	N131 CTK	SG-1	12X6	180			-
Total				1800	0	0	0%

AT-N141/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N141-1	N140	CD-1	6	65			-
N141-2	N143	CD-1	6	75			-
N141-3	N141	CD-1	6	90			-
Total				230	0	0	0%

AT-N142/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N142-1	N144 PRO SUP	CD-1	6	75			-
N142-2	N142 MOO	CD-1	6	75			-
Total				150	0	0	0%

AT-N151/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N151-1	N151	CD-2	8	220			-
N151-2	N151	CD-2	8	220			-
N151-3	N151	CD-2	8	220			-
N151-4	N151	CD-2	8	220			-
N151-5	N151	CD-2	8	220			-
N151-6	N151	CD-2	8	220			-
N151-7	N151	CD-2	8	220			-
Total				1540	0	0	0%

AT-N110A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N110A-1	N110A SIPR	CD-2	8	170			-
N110A-2	H110AA COMSEC	CD-2	8	170			-
Total				340	0	0	0%

AT-N113A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N113A-1	N113A ENG ELEMENT CHIEF	CD-1	6	95			-
Total				95	0	0	0%

AT-N125A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N125A-1	N125A REP	CD-1	6	75			-
Total				75	0	0	0%

AT-N153A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N153A-1	N153A	CD-2	8	230			-
Total				230	0	0	0%

AT-N153B 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N153B-1	N153B	CD-2	8	205			-
Total				205	0	0	0%

AT-N153C 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N153C-1	N153C	CD-1	6	90			-
N153C-2	N153F	CD-1	6	80			-
Total				170	0	0	0%

AT-N153E 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
N153E-1	N153	CD-1	6	55			-
N153E-2	N153D	CD-1	6	75			-
N153E-3	N153E	CD-1	6	80			-
Total				210	0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: AHU/RTU



Asset: AHU-2E 1

AREA:E126

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Serial Num	-	
Model Num	NA	CAH011GDGM
Type	-	
Configuration	INLINE HORIZONTAL	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	5000	
SF RPM	2116	
RA CFM	-	
OA CFM	1125	
Relief CFM	-	
RL Voltage	480	
RL Amperage	6.60	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	3.89	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.50	
Fan Total SP	3.37	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

AHU/RTU



VAV - Single Duct

AHU-2E 1/E126

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
AT-E101	PRICE	SDV	REHEAT	10	885		270		270		
AT-E102	PRICE	SDV	REHEAT	8	575		175		175		
AT-E103	PRICE	SDV	REHEAT	4	115		45		45		
AT-E104	PRICE	SDV	REHEAT	4	170		55		55		
AT-E105	PRICE	SDV	REHEAT	6	270		120		120		
AT-E106	PRICE	SDV	REHEAT	4	115		45		45		
AT-E107	PRICE	SDV	REHEAT	4	75		45		45		
AT-E108	PRICE	SDV	REHEAT	8	640		195		195		
AT-E117	PRICE	SDV	REHEAT	6	300		90		90		
AT-E123	PRICE	SDV	REHEAT	8	665		210		210		
AT-E107A 1	PRICE	SDV	REHEAT	7	490		150		150		
AT-E123A 1	PRICE	SDV	REHEAT	5	180		80		80		
AT-E123C 1	PRICE	SDV	REHEAT	5	240		75		75		
AT-H112	PRICE	DSV	REHEAT	8	665		200		200		

Diffuser Ret/Exh (GRD)

AHU-2E 1/E126

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R2E-1	E102 OPEN OFFICE	RG-1	22X22	525				-
R2E-2	E103 MXG/ADM	RG-1	22X22	115				-
R2E-3	E106 CCC	RG-1	22X22	115				-
R2E-4	E105 MXG/CC	RG-1	22X22	270				-
R2E-5	E104 DCM	RG-1	22X22	170				-
R2E-6	E101 FOYER	RG-1	22X22	295				-
R2E-7	E107A TESTING	RG-1	22X22	370				-
R2E-8	E107 UTM OFFICE	RG-1	22X22	75				-
R2E-9	E101 FOYER	RG-1	22X22	295				-
R2E-10	E123C CONF RM	RG-1	22X22	240				-
R2E-11	E101 FOYER	RG-1	22X22	295				-
R2E-12	E123B QC SUPER	RG-1	22X22	90				-
R2E-13	E123A CHIEF INSPECTOR	RG-1	22X22	90				-
R2E-14	E108 CLASSROOM	RG-1	22X22	690				-
R2E-15	E123 OPEN OFFICE	RG-1	22X22	685				-
R2E-16	H112B INSP ELEMENT CHIEF	RG-1	22X22	100				-
R2E-17	H112C HSC SECTION CHIEF	RG-1	22X22	100				-
R2E-18	H112 OPEN OFFICE	RG-1	22X22	310				-
Total				4830		0	0	0%

Diffuser Supply (GRD)

AT-E101/E126

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E101-1	E101 FOYER	SG-3	18X8	295			-
E101-2	E101 FOYER	SG-3	18X8	295			-
E101-3	E101 FOYER	SG-3	18X8	295			-
Total				885	0	0	0%

AT-E102/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E102-1	E108A STORAGE	CD-1	6	50			-
E102-2	E102 OPEN OFFICE	CD-2	8	175			-
E102-3	E102 OPEN OFFICE	CD-2	8	175			-
E102-4	E102 OPEN OFFICE	CD-2	8	175			-
Total				575	0	0	0%

AT-E103/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E103-1	E103 MXG/ADM	CD-1	6	115			-
Total				115	0	0	0%

AT-E104/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E104-1	E104 DCM	CD-2	8	170			-
Total				170	0	0	0%

AT-E105/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E105-1	E105 MXG/CC	CD-2	8	135			-
E105-2	E105 MXG/CC	CD-2	8	135			-
Total				270	0	0	0%

AT-E106/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E106-1	E106 CCC	CD-1	6	115			-
Total				115	0	0	0%

AT-E107/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E107-1	E107 UTM OFFICE	CD-1	6	75			-
Total				75	0	0	0%

AT-E108/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E108-1	E108 CLASSROOM	CD-2	8	160			-
E108-2	E108 CLASSROOM	CD-2	8	160			-
E108-3	E108 CLASSROOM	CD-2	8	160			-
E108-4	E108 CLASSROOM	CD-2	8	160			-
Total				640	0	0	0%

AT-E117/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E117-1	E110 CORRIDOR	CD-2	8	205			-
E117-2	E117 BREAK	CD-1	6	95			-
Total				300	0	0	0%

AT-E123/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E123-1	E125 VESTIBULE	CD-1	6	50			-
E123-2	E123 OPEN OFFICE	CD-2	8	205			-
E123-3	E123 OPEN OFFICE	CD-2	8	205			-
E123-4	E123 OPEN OFFICE	CD-2	8	205			-
Total				665	0	0	0%

AT-E107A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E107A-1	E123D STORAGE	CD-1	6	50			-
E107A-2	E107A TESTING	CD-2	8	185			-
E107A-3	CORRIDOR	CD-1	6	70			-
E107A-4	E107A TESTING	CD-2	8	185			-
Total				490	0	0	0%

AT-E123A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E123A-1	E123A CHIEF INSPECTOR	CD-1	6	90			-
E123A-2	E123B QA SUPER	CD-1	6	90			-
Total				180	0	0	0%

AT-E123C 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
E123C-1	E123C CONF RM	CD-2	8	120			-
E123C-2	E123C CONF RM	CD-2	8	120			-
Total				240	0	0	0%

AT-H112/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
H112-1	H112 OPEN OFFICE	CD-2	8	155			-
H112-2	H112B INSP ELEMENT CHIEF	CD-1	6	100			-
H112-3	H112 OPEN OFFICE	CD-2	8	155			-
H112-4	H112 OPEN OFFICE	CD-2	8	155			-
H112-5	H112C HSC SECTION CHIEF	CD-1	6	100			-
Total				665	0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: AHU/RTU



Asset: DOAS-1N 1

AREA:N102 ELEC ROOM

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Serial Num	-	
Model Num	NA	CAH005GDGM
Type	-	
Configuration	INLINE HORIZONTAL	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	2230	
SF RPM	2296	
RA CFM	0	
OA CFM	2230	
Relief CFM	-	
RL Voltage	460	
RL Amperage	2.60	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	1.52	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.50	
Fan Total SP	2.25	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: AHU/RTU



Asset: DOAS-2E 1

AREA:E126

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Serial Num	-	
Model Num	NA	CAH005GDGM
Type	-	
Configuration	INLINE HORIZONTAL	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	1125	
SF RPM	1960	
RA CFM	0	
OA CFM	1125	
Relief CFM	-	
RL Voltage	480	
RL Amperage	1.50	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	0.40	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.50	
Fan Total SP	1.37	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: AHU/RTU



Asset: PAH-1

AREA:SOUTH MEZZANINE

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Serial Num	-	
Model Num	NA	DFC0904L000004C
Type	-	
Configuration	HORIZONTAL	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	2376	
SF RPM	-	
RA CFM	-	
OA CFM	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.5	
Fan Total SP	0.7	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
Cooling Coil P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Energy Recovery Unit



Asset: ERV-1

AREA:NORTH MEZZANINE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	RVE-85-52D-0-J-D1
Serial Num	-	
Num Exh-Filters 1	-	
Exh-Filter Size 1	-	
Num Exh-Filters 2	-	
Exh-Filter Size 2	-	
Num OA-Filters 1	-	
OA-Supply Size 1	-	
Num OA-Filters 2	-	
OA-Filter Size 2	-	

Exhaust Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	952	
Phase	3	
Voltage (rated)	480	
Amperage (rated)	-	
Service Factor	-	

OA Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	860	
Phase	3	
Voltage (rated)	480	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	
Brake Horse Power	-	

Exhaust Fan Test Data		
	Design	Actual
Exh-ERU CFM	5600	
Exh-ERU RPM	1466	
Motor Frequency	-	
Exh-ERU System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

Exhaust Fan Performance Data		
	Design	Actual
Exh-ERU Filter Delta SP	-	
Exh-ERU Wheel Delta SP	-	
Exh-ERU Inlet T (db/wb)	-	
Exh-ERU Discharge T (db/wb)	-	
Exh-ERU Delta T	-	

OA Fan Test Data		
	Design	Actual
OA-ERU CFM	5600	
OA-ERU RPM	1545	
Motor Frequency	-	
OA-ERU System SetPt	-	
RL Voltage	480	
RL Amperage	-	

OA Fan Performance Data		
	Design	Actual
OA-ERU Filter Delta SP	-	
OA-ERU Wheel Delta SP	-	
OA-ERU Inlet T (db/wb)	-	
OA-ERU Discharge T (db/wb)	-	
OA-ERU Delta T	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Energy Recovery Unit



Asset: ERV-2

AREA:SOUTH MEZZANINE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	RVE-85-52D-0-J-D1
Serial Num	-	
Num Exh-Filters 1	-	
Exh-Filter Size 1	-	
Num Exh-Filters 2	-	
Exh-Filter Size 2	-	
Num OA-Filters 1	-	
OA-Supply Size 1	-	
Num OA-Filters 2	-	
OA-Filter Size 2	-	

Exhaust Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	952	
Phase	3	
Voltage (rated)	480	
Amperage (rated)	-	
Service Factor	-	

OA Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	
Brake Horse Power	-	

Exhaust Fan Test Data		
	Design	Actual
Exh-ERU CFM	5600	
Exh-ERU RPM	1466	
Motor Frequency	-	
Exh-ERU System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

Exhaust Fan Performance Data		
	Design	Actual
Exh-ERU Filter Delta SP	-	
Exh-ERU Wheel Delta SP	-	
Exh-ERU Inlet T (db/wb)	-	
Exh-ERU Discharge T (db/wb)	-	
Exh-ERU Delta T	-	

OA Fan Test Data		
	Design	Actual
OA-ERU CFM	5600	
OA-ERU RPM	1545	
Motor Frequency	-	
OA-ERU System SetPt	-	
RL Voltage	-	
RL Amperage	-	

OA Fan Performance Data		
	Design	Actual
OA-ERU Filter Delta SP	-	
OA-ERU Wheel Delta SP	-	
OA-ERU Inlet T (db/wb)	-	
OA-ERU Discharge T (db/wb)	-	
OA-ERU Delta T	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:N102 ELEC ROOM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	G-070-VG
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	150	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	1.38	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-1/N102 ELEC ROOM

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
EF1-1	N102 ELEC ROOM	EG-4	10X10	150				-
Total				150		0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-2

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SE1-12-432-VG
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	650	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	0.12

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-3

AREA:N113B STORAGE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-070-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	200	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	1.38	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-4

AREA:ROOF

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-099-4
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	600	
Fan RPM	1283	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

National TAB
 Project: NCANG Repair Bldg 51 (Charlotte, NC)
FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-4/ROOF

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
EF4-1	H135A BATTERY RM	OED/SS MESH	6	100				-
EF4-2	H135A BATTERY RM	EG-6	12X6	100				-
EF4-3	H135 BATTERY ROOM	EG-6	12X6	200				-
EF4-4	H135 BATTERY ROOM	OED/SS MESH	8	200				-
Total				600		0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-5

AREA: E126 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	G-070-VG
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	230	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	1.38	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	0.03

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-6

AREA:H132 LOX CART RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SE1-12-432-VG
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-7

AREA:H118 ELEC/MECH RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SE1-12-432-VG
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	800	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-8

AREA:N MEZZ / H145 HOOD

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SQ-20-VG
Serial Num	-	
Type	INLINE	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	5600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	9.7	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.90	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-9

AREA:H100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	0.74

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-10

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-11

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-12

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-13

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	0.74

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-14

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-15

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5000	
Fan RPM	979	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.25	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-16

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5200	
Fan RPM	1041	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	0.83

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-17

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5200	
Fan RPM	1041	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	0.83

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-18

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5200	
Fan RPM	1041	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-19

AREA:H110 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-15
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	5200	
Fan RPM	1041	
RL Voltage	208	
RL Amperage	6.6	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	0.83

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-20

AREA:N152 SUPPORT EQUIP

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-100-4
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	900	
Fan RPM	1401	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	0.2

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-21

AREA:N152 SUPPORT EQUIP

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-097-6
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	175	
Fan RPM	1325	
RL Voltage	115	
RL Amperage	4.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-21/N152 SUPPORT EQUIP

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
EF21-1	N153D COPY/PRINT	EG-1	12X12	75				-
EF21-2	N146 LAUNDRY	EG-1	12X12	100				-
Total				175		0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-22

AREA:N121A MENS LOCKERS

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-140-7
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	1545	
Fan RPM	1583	
RL Voltage	115	
RL Amperage	13.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1.50	
Brake Horse Power	-	0.79

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-22/N121A MENS LOCKERS

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
EF22-1	N121A MENS LOCKER	EG-1	12X12	95				-
EF22-2	N123 MENS RR	EG-1	12X12	100				-
EF22-3	N121A MENS LOCKER	EG-1	12X12	95				-
EF22-4	N124 WOMEN RR	EG-1	12X12	100				-
EF22-5	N121C MENS SHOWER	EG-1	12X12	95				-
EF22-6	N121 MENS RR	EG-2	16X16	275				-
EF22-7	N121 MENS RR	EG-2	16X16	275				-
EF22-8	N122 BREAK RM	EG-1	12X12	150				-
EF22-9	N104 WOMEN RR	EG-1	12X12	150				-
EF22-10	N104B WOMEN SHOWER	EG-1	12X12	210				-
Total				1545		0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-23

AREA:E121 RR CORRIDOR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-098-6
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Drive Data	
	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	300	
Fan RPM	1168	
RL Voltage	115	
RL Amperage	4.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

FAN - Exhaust



Diffuser Supply (GRD)

EF-23/E121 RR CORRIDOR

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
EF23-1	E118 JAN	EG-5	6X6	50			-
EF23-2	E122 MENS RR	EG-1	12X12	150			-
EF23-3	E117 BREAK	EG-1	12X12	50			-
EF23-4	E120 WOMEN RR	EG-1	12X12	50			-
Total				300	0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-24

AREA:SHOP SOUTH

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SQ-20-VG
Serial Num	-	
Type	INLINE	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	5600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	208	
RL Amperage	9.7	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.90	
Brake Horse Power	-	1.38

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-25

AREA:H115 SPRINKLER RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SE1-12-432-VG
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	750	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Exhaust



Asset: EF-26

AREA:N110 AVIONICS

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-097-VG
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	150	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	2.85	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.75	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Supply



Asset: MAU-1

AREA:AREA A

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	IGX-P127-H32-MF-O
Serial Num	-	
Type	-	
Configuration	HORIZONTAL	
Num Filters Size 1	-	
Filter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	10440	
SF RPM	1168	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

FAN - Supply



Diffuser Supply (GRD)

MAU-1/AREA A

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
M1-1	AREA A	SG-4	30X12	1740			-
M1-2	AREA A	SG-4	30X12	1740			-
M1-3	AREA A	SG-4	30X12	1740			-
M1-4	AREA A	SG-4	30X12	1740			-
M1-5	AREA A	SG-4	30X12	1740			-
M1-6	AREA A	SG-4	30X12	1740			-
Total				10440	0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: FAN - Supply



Asset: MAU-2

AREA:AREA A

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	IGX-P127-H32-MF-O
Serial Num	-	
Type	-	
Configuration	HORIZONTAL	
Num Filters Size 1	-	
Filter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	10400	
SF RPM	1168	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.35	
Brake Horse Power	-	

National TAB
 Project: NCANG Repair Bldg 51 (Charlotte, NC)
FAN - Supply



Diffuser Supply (GRD)

MAU-2/AREA A

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
M2-1	AREA A	SG-4	30X12	1740			-
M2-2	AREA A	SG-4	30X12	1740			-
M2-3	AREA A	SG-4	30X12	1740			-
M2-4	AREA A	SG-4	30X12	1740			-
M2-5	AREA A	SG-4	30X12	1740			-
M2-6	AREA A	SG-4	30X12	1740			-
Total				10440	0	0	0%

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Kitchen Hood Type II



Asset: EH-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GO-158.00-S
Serial Num	-	
Type	TYPE II HEAT & CONDENSATE	
Hood length	158	
Hood Width	66	

Test Data		
	Design	Actual
Exhaust CFM	5600	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Kitchen Hood Type II



Asset: EH-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GO-64.00-S
Serial Num	-	
Type	TYPE II HEAT & CONDENSATE	
Hood length	64	
Hood Width	54	

Test Data		
	Design	Actual
Exhaust CFM	2500	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Kitchen Hood Type II



Asset: EH-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GO-66.00-S
Serial Num	-	
Type	TYPE II HEAT & CONDENSATE	
Hood length	66	
Hood Width	66	

Test Data		
	Design	Actual
Exhaust CFM	3025	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Boiler



Asset: HWB-1

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	LOCHINVAR
Model Num	NA	KBX0500N
Serial Num	-	

Test Data		
	Design	Actual
GPM	30.0	
EWT (F)	-	
LWT (F)	-	
Water Temp Delta T (F)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Boiler



Asset: HWB-2

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	LOCHINVAR
Model Num	NA	KBX0500N
Serial Num	-	

Test Data		
	Design	Actual
GPM	30.0	
EWT (F)	-	
LWT (F)	-	
Water Temp Delta T (F)	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Chiller



Asset: ACH-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	AMZ035A
Serial Num	-	
Type	SCROLL	

Test Data-Evaporator		
	Design	Actual
GPM	66.50	
EWT (F)	57	
LWT (F)	45	
Water Temp Delta T (F)	-	
CHW Delta P	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-1

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	HW PRIMARY
Type	-	INLINE
Configuration	-	
Pump RPM	-	
GPM/HD	30.0 / 45	
Impeller Diameter	4.125	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1.5	
Motor Rpm	-	2925
Phase	-	3
Voltage	-	480
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Test Data		
	Design	Actual
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	45	
Final GPM	30.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-2

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	HW PRIMARY
Type	-	INLINE
Configuration	-	
Pump RPM	-	
GPM/HD	30.0 / 45	
Impeller Diameter	4.125	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1.5	
Motor Rpm	-	2925
Phase	-	3
Voltage	-	480
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Test Data		
	Design	Actual
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	45	
Final GPM	30.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-3

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	-
Service	-	HW SECONDARY
Type	-	INLINE
Configuration	-	-
Pump RPM	-	-
GPM/HD	60.0 / 75	-
Impeller Diameter	4.75	-

Motor Data		
	Design	Actual
Motor MFG	-	-
Frame	-	-
Horsepower	3.0	-
Motor Rpm	-	3251
Phase	-	3
Voltage	-	480
Amperage	-	-
Service Factor	-	-
Efficiency	-	-
Power Factor	-	-

Test Data		
	Design	Actual
Pump Off Pres	-	-
Pump Dead Head Pres	-	-
Act Impeller Dia (IN)	-	-
Valve Open GPM	-	-
Valve Open Diff (FT)	-	-
Final Suction Pres (FT)	-	-
Final Discharge Pres (FT)	-	-
Total Head Pres (FT)	75	-
Final GPM	60.0	-
Pump Rotation	-	-
Motor RPM	-	-
Pump RPM	-	-
Motor Frequency	-	-
System SetPt	-	-
RL Voltage	480	-
RL Amperage	-	-
Brake Horse Power	-	-

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-4

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	-
Service	-	HW SECONDARY
Type	-	INLINE
Configuration	-	-
Pump RPM	-	-
GPM/HD	60.0 / 75	-
Impeller Diameter	4.75	-

Motor Data		
	Design	Actual
Motor MFG	-	-
Frame	-	-
Horsepower	3.0	-
Motor Rpm	-	3251
Phase	-	3
Voltage	-	480
Amperage	-	-
Service Factor	-	-
Efficiency	-	-
Power Factor	-	-

Test Data		
	Design	Actual
Pump Off Pres	-	-
Pump Dead Head Pres	-	-
Act Impeller Dia (IN)	-	-
Valve Open GPM	-	-
Valve Open Diff (FT)	-	-
Final Suction Pres (FT)	-	-
Final Discharge Pres (FT)	-	-
Total Head Pres (FT)	75	-
Final GPM	60.0	-
Pump Rotation	-	-
Motor RPM	-	-
Pump RPM	-	-
Motor Frequency	-	-
System SetPt	-	-
RL Voltage	480	-
RL Amperage	-	-
Brake Horse Power	-	-

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-5

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	CHILLED WATER
Type	-	END SUCTION
Configuration	-	
Pump RPM	-	
GPM/HD	100.0 / 65	
Impeller Diameter	8.5	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	1642
Phase	-	3
Voltage	-	480
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Test Data		
	Design	Actual
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	65	
Final GPM	110.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-6

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	CHILLED WATER
Type	-	END SUCTION
Configuration	-	
Pump RPM	-	
GPM/HD	100.0 / 65	
Impeller Diameter	8.5	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	-	1642
Phase	-	3
Voltage	-	480
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Test Data		
	Design	Actual
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	65	
Final GPM	110.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	480	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-7

AREA:N161 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	DOAS-1N PREHEAT
Type	-	INLINE
Configuration	-	
Pump RPM	-	
GPM/HD	11.0 / 10	
Impeller Diameter	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	-	3300
Phase	-	1
Voltage	-	120
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Test Data		
	Design	Actual
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	10	
Final GPM	11.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	120	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)

System/Unit: Pump



Asset: P-8

AREA: E126 MECH ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	DOAS-2E PREHEAT
Type	-	INLINE
Configuration	-	
Pump RPM	-	
GPM/HD	9.0 / 10	
Impeller Diameter	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	-	3300
Phase	-	1
Voltage	-	120
Amperage	-	
Service Factor	-	
Efficiency	-	
Power Factor	-	

Test Data		
	Design	Actual
Pump Off Pres	-	
Pump Dead Head Pres	-	
Act Impeller Dia (IN)	-	
Valve Open GPM	-	
Valve Open Diff (FT)	-	
Final Suction Pres (FT)	-	
Final Discharge Pres (FT)	-	
Total Head Pres (FT)	10	
Final GPM	9.0	
Pump Rotation	-	
Motor RPM	-	
Pump RPM	-	
Motor Frequency	-	
System SetPt	-	
RL Voltage	120	
RL Amperage	-	
Brake Horse Power	-	

National TAB

Project: NCANG Repair Bldg 51 (Charlotte, NC)



Circuit Setter

CHW CS/

Asset									
Asset Name	Location	Size	Type	Service	Design GPM	Setting	Delta P	Final GPM	% to Design
CS-1	N161 MECH RM	2.50		AHU-1N	51.2				-
CS-2	N161 MECH RM	1.50		DOAS-1N	24.0				-
CS-3	E126 MECH RM	2.00		AHU-2E	25.6				-
CS-4	E126 MECH RM	1.50		DOAS-2E	12.0				-
Total					112.8			0	0%

HW CS/

Asset									
Asset Name	Location	Size	Type	Service	Design GPM	Setting	Delta P	Final GPM	% to Design
CS-1	N161 MECH RM	1.50		DOAS-1N	5.5				-
CS-2	N161 MECH RM	1.50		DOAS-1N	2.9				-
CS-3	N161 MECH RM			UH-2	1.0				-
CS-4	N113B STORAGE			UH-7	1.0				-
CS-5	N112 PMEL STORAGE			AT-N111	0.5				-
CS-6	N109 VESTIBULE			CUH-2	2.3				-
CS-7	N115 PASSAGE			AT-N110	2.0				-
CS-8	N115 PASSAGE			AT-N116	0.8				-
CS-9	N115 PASSAGE			AT-N118	0.8				-
CS-10	N107 CORRIDOR			AT-N113A	0.5				-
CS-11	N107 CORRIDOR			AT-N113	0.5				-
CS-12	N110 AVIONICS			AT-N110A	0.5				-
CS-13	N101 CORRIDOR			AT-N104	0.5				-
CS-14	N100 VESTIBULE			CUH-3	2.3				-
CS-15	E125 VESTIBULE			CUH-4	2.3				-
CS-16	E123 OPEN OFFICE			AT-E123	1.4				-
CS-17	E123 OPEN OFFICE			AT-E107A	0.5				-
CS-18	E123 OPEN OFFICE			AT-E123A	0.5				-
CS-19	E123 OPEN OFFICE HALL			AT-E123C	0.5				-
CS-20	E123 OPEN OFFICE HALL			AT-E107	0.5				-
CS-21	E117 BREAK			AT-E117	0.5				-
CS-22	E108 CLASSROOM			AT-E108	0.5				-
CS-23	E102 OPEN OFFICE			AT-E102	0.7				-
CS-24	E103 MXG/ADM			AT-E106	0.5				-
CS-25	E103 MXG/ADM			AT-E103	0.5				-
CS-26	E103 MXG/ADM			AT-E105	0.8				-
CS-27	E103 MXG/ADM			AT-E104	0.5				-
CS-28	E104 DCM			AT-E101	0.5				-
CS-29	E100 VESTIBULE			CUH-5	2.3				-
CS-30	E126 MECH ROOM			DOAS-2E	2.8				-
CS-31	E126 MECH ROOM			DOAS-2E	1.5				-
CS-32	E126 MECH ROOM			UH-1	0.7				-
CS-33	N152 SUPPORT EQUIP			UH-8	2.0				-
CS-34	N151 READY/BREAK			AT-N151	2.0				-
CS-35	N160 FOYER			CUH-1	2.3				-
CS-36	N153A AXMS FLIGHT CHIEF			AT-N153A	0.5				-
CS-37	N153 CORRIDOR			AT-N153B	0.6				-

CS-38	N153 CORRIDOR			AT-N153E	0.5				-
CS-39	N153 CORRIDOR			AT-N153C	0.5				-
CS-40	N140 CORRIDOR			AT-N141	0.5				-
CS-41	N144 PRO SUPP			AT-N142	0.5				-
CS-42	N130 CORRIDOR			AT-N131	3.4				-
CS-43	SHOP NORTH			AT-H144	0.5				-
CS-44	SHOP NORTH			AT-H142	0.5				-
CS-45	SHOP NORTH			UH-6	1.0				-
CS-46	SHOP NORTH			UH-3	0.7				-
CS-47	N125A BOEING REP			AT-N125A	0.5				-
CS-48	N125 OPEN OFFICE			AT-N125	0.5				-
CS-49	N122 BREAK RM			AT-N122	0.5				-
CS-50	N121B MENS VESTIBULE			AT-N121	0.5				-
CS-51	SHOP SOUTH			CUH-6	2.3				-
CS-52	SHOP SOUTH			AT-H112	0.5				-
CS-53	SHOP SOUTH			UH-4	0.7				-
CS-54	SHOP SOUTH			UH-9	0.7				-
CS-55	SHOP SOUTH			UH-5	0.7				-
Total					61			0	0%