

National TAB

Project: Warabeya North America (Columbus, OH)

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Project: Warabeya North America (Columbus, OH)

System/Unit: AHU/RTU



Asset: AHU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	
Model Num	NA	CSAA021UA
Configuration	HORIZONTAL	
Num PreFilter 1	-	12
PreFilter Size 1	-	16X25X2
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	10	
Motor Rpm	-	1800
Phase	3	
Rated Voltage	460	
Rated Amperage	-	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	8200	
SF RPM	2139	
RA CFM	5000	
OA CFM	3200	
RL Voltage	-	
RL Amperage	-	
VFD Max SetPt	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	8.763	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	2.50	
Fan Total SP	3.865	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Hot Gas Reheat P.D.	-	

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Project: Warabeya North America (Columbus, OH)

AHU/RTU



VAV - Single Duct

AHU-1/

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)
VAVR-1	PRICE	SDV	REHEAT	8	500		150		350		
VAVR-3	PRICE	SDV	REHEAT	12	945		425		644		
VAVR-4	PRICE	SDV	REHEAT	6	300		100		260		
VAVR-5	PRICE	SDV	REHEAT	6	260		90		260		
VAVR-6	PRICE	SDV	REHEAT	6	375		115		280		
VAVR-7	PRICE	SDV	REHEAT	6	300		90		260		
VAVR-8	PRICE	SDV	REHEAT	6	350		110		110		
VAVR-9	PRICE	SDV	REHEAT	6	315		95		95		
VAVR-10	PRICE	SDV	REHEAT	6	375		115		120		
VAVR-11	PRICE	SDV	REHEAT	6	115		100		100		
VAVR-13	PRICE	SDV	REHEAT	16	3200		960		960		
VAVR-12A 1	PRICE	SDV	REHEAT	12	960		540		920		
VAVR-12B 1	PRICE	SDV	REHEAT	14	1825		600		600		
VAVR-2A 1	PRICE	SDV	REHEAT	12	980		425		950		
VAVR-2B 1	PRICE	SDV	REHEAT	10	600		330		504		

Diffuser Supply (GRD)

VAVR-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	101	SG1-8	8	250			-
SGRD2	101	SG1-8	8	250			-
Total				500	0	0	0%

VAVR-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	115	SG1-8	8	235			-
SGRD2	115	SG1-8	8	235			-
SGRD3	115	SG1-8	8	240			-
SGRD4	115	SG1-8	8	235			-
Total				945	0	0	0%

VAVR-4/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	114	SG1-8	8	225			-
SGRD2	100	SG1-6	6	75			-
Total				300	0	0	0%

VAVR-5/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	113	SG1-8	8	235			-
SGRD2	113A	SG1S-6	6	25			-
Total				260	0	0	0%

VAVR-6/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	111	SG1-8	8	175			-
SGRD2	112	SG1-8	8	200			-
Total				375	0	0	0%

VAVR-7/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	110	SG1-10	10	300			-
Total				300	0	0	0%

VAVR-8/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	109	SG1-8	8	125			-
SGRD2	CORR	SG1-8	8	100			-
SGRD3	108	SG1-8	8	125			-
Total				350	0	0	0%

VAVR-9/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	103	SG1-10	10	315			-
Total				315	0	0	0%

VAVR-10/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	126	SG1-8	8	100			-
SGRD2	124	SG1-8	8	175			-
SGRD3	123	SG1-8	8	100			-
Total				375	0	0	0%

VAVR-11/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	121	SG1-8	8	115			-
Total				115	0	0	0%

VAVR-13/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	104	SG1SS-30	32X32	3200			-
Total				3200	0	0	0%

VAVR-12A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	120	SG1-10	10	320			-
SGRD2	120	SG1-10	10	320			-
SGRD3	120	SG1-10	10	320			-
Total				960	0	0	0%

VAVR-12B 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	120	SG1-10	10	305			-
SGRD2	120	SG1-10	10	305			-
SGRD3	120	SG1-10	10	305			-
SGRD4	120	SG1-10	10	305			-
SGRD5	120	SG1-10	10	300			-
SGRD6	120	SG1-10	10	305			-
Total				1825	0	0	0%

VAVR-2A 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	102	SG1-8	8	150			-
SGRD2	102	SG1-10	10	340			-
SGRD3	102	SG1-10	10	340			-
SGRD4	102	SG1-8	8	150			-
Total				980	0	0	0%

VAVR-2B 1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	102	SG1-8	8	125			-
SGRD2	102	SG1-8	8	125			-
SGRD3	102	SG1-8	8	150			-
SGRD4	102	SG1-8	8	150			-
SGRD5	105	SG1-6	6	50			-
Total				600	0	0	0%

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Project: Warabeya North America (Columbus, OH)

System/Unit: AHU/RTU



Asset: MAU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	CLIMATE BY DESIGN
Serial Num	-	
Model Num	NA	AHU-5K-130-22-DF-CC
Configuration	-	
Num PreFilter 1	-	12
PreFilter Size 1	-	24X24X2
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	12
Final Filter Size 1	-	24X24X12
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	286T
Horsepower	30	
Motor Rpm	-	1730
Phase	3	
Rated Voltage	460	
Rated Amperage	34.3	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	22000	
SF RPM	1730	
RA CFM	0	
OA CFM	22000	
RL Voltage	460	
RL Amperage	34.3	
VFD Max SetPt	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	26.8	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.0	
Fan Total SP	5.3	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
Hot Gas Reheat P.D.	-	

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Project: Warabeya North America (Columbus, OH)

AHU/RTU



Diffuser Supply (GRD)

MAU-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	W PLATFORM	SG1SS-30	32X32	3500			-
SGRD2	158 KITCHEN	SG1SS-26	28X28	2640			-
SGRD3	158 KITCHEN	SG1SS-26	28X28	2645			-
SGRD4	158 KITCHEN	SG1SS-26	28X28	2645			-
SGRD5	158 KITCHEN	SG1SS-26	28X28	2645			-
SGRD6	158 KITCHEN	SG1SS-26	28X28	2645			-
SGRD7	158 KITCHEN	SG1SS-26	28X28	2640			-
SGRD8	158 KITCHEN	SG1SS-26	28X28	2640			-
Total				22000	0	0	0%

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Project: Warabeya North America (Columbus, OH)

System/Unit: AHU/RTU



Asset: MAU-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	CLIMATE BY DESIGN
Serial Num	-	
Model Num	NA	AHU-8P-140-44-DF-CC
Configuration	-	
Num PreFilter 1	-	20
PreFilter Size 1	-	24X24X2
Num PreFilter 2	-	5
PreFilter Size 2	-	12X24X2
Num Final Filter 1	-	20
Final Filter Size 1	-	24X24X12
Num Final Filter 2	-	5
Final Filter Size 2	-	12X24X12

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	405T
Horsepower	75	
Motor Rpm	-	1120
Phase	3	
Rated Voltage	460	
Rated Amperage	85.9	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	44000	
SF RPM	1120	
RA CFM	0	
OA CFM	44000	
RL Voltage	460	
RL Amperage	85.9	
VFD Max SetPt	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	53.1	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.25	
Fan Total SP	5.6	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
Hot Gas Reheat P.D.	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: AHU/RTU



Asset: MAU-4

AREA:

Unit Data		
	Design	Actual
MFG	NA	CLIMATE BY DESIGN
Serial Num	-	
Model Num	NA	AHU-8S-124-07-DF-CC
Configuration	-	
Num PreFilter 1	-	4
PreFilter Size 1	-	24X24X2
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	4
Final Filter Size 1	-	24X24X12
Num Final Filter 2	-	
Final Filter Size 2	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	245T
Horsepower	15	
Motor Rpm	-	1700
Phase	3	
Rated Voltage	460	
Rated Amperage	16.6	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	7000	
SF RPM	1700	
RA CFM	0	
OA CFM	7000	
RL Voltage	460	
RL Amperage	16.6	
VFD Max SetPt	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	8.4	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.25	
Fan Total SP	5.3	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
Hot Gas Reheat P.D.	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: AHU/RTU



Asset: MAU-5

AREA:

Unit Data		
	Design	Actual
MFG	NA	CLIMATE BY DESIGN
Serial Num	-	
Model Num	NA	AHU-8S-144-35-DF
Configuration	-	
Num PreFilter 1	-	16
PreFilter Size 1	-	24X24X2
Num PreFilter 2	-	4
PreFilter Size 2	-	12X24X2
Num Final Filter 1	-	16
Final Filter Size 1	-	24X24X12
Num Final Filter 2	-	4
Final Filter Size 2	-	12X24X12

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	365T
Horsepower	50	
Motor Rpm	-	1120
Phase	3	
Rated Voltage	460	
Rated Amperage	57.8	
Service Factor	-	

Test Data		
	Design	Actual
SF CFM	35000	
SF RPM	1120	
RA CFM	0	
OA CFM	35000	
RL Voltage	460	
RL Amperage	-	
VFD Max SetPt	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
RA Damper Position	-	
OA Damper Position	-	
Brake Horse Power	40	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.5	
Fan Total SP	5.1	
Pre-Filter P.D.	-	
Final Filters P.D.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
Hot Gas Reheat P.D.	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: Energy Recovery Unit



Asset: ERU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Service	-	EXHAUST
Num Exh-Filters 1	-	3
Exh-Filter Size 1	-	20X20X2
Num Exh-Filters 2	-	
Exh-Filter Size 2	-	
Num OA-Filters 1	-	3
OA-Supply Size 1	-	20X20X2
Num OA-Filters 2	-	
OA-Filter Size 2	-	

Exhaust Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2@1.5	
Motor Rpm	2100	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	
Service Factor	-	

OA Fan Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2@1.0	
Motor Rpm	1977	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	
Service Factor	-	
Brake Horse Power	-	

Exhaust Fan Test Data		
	Design	Actual
Exh-ERU CFM	3200	
Exh-ERU RPM	2100	
RL Voltage	460	
RL Amperage	-	
Brake Horse Power	-	

Exhaust Fan Performance Data		
	Design	Actual
Exh-ERU Filter Delta SP	-	
Exh-ERU Wheel Delta SP	-	
Exh-ERU Delta T	-	

OA Fan Test Data		
	Design	Actual
OA-ERU CFM	3200	
OA-ERU RPM	1977	
RL Voltage	460	
RL Amperage	-	

OA Fan Performance Data		
	Design	Actual
OA-ERU Filter Delta SP	-	
OA-ERU Wheel Delta SP	-	
OA-ERU Delta T	-	

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Project: Warabeya North America (Columbus, OH)

Energy Recovery Unit



Diffuser Ret/Exh (GRD)

ERU-1/

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1								
EGRD2								
EGRD3								
EGRD4								
EGRD5								
EGRD6								
EGRD7								
EGRD8								
EGRD9								
EGRD10								
EGRD11								
EGRD12								
EGRD13								
EGRD14								
EGRD15								
EGRD16								
EGRD17								
EGRD18								
EGRD19								
EGRD20								
EGRD21								
EGRD22								
Total			0		0	0	0	0%

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: CEF-1

AREA:154 JC

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-B110
Serial Num	-	
Type	CEILING	

Test Data		
	Design	Actual
CFM	75	
RL Voltage	115	
RL Amperage	1.15	
Discharge ESP	-	
Total ESP	0.38	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	80W	
Motor Rpm	770	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	1.15
Service Factor	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: CEF-2

AREA:133 TRUCKER RR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-B110
Serial Num	-	
Type	CEILING	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	80W	
Motor Rpm	770	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	1.15
Service Factor	-	

Test Data		
	Design	Actual
CFM	75	
RL Voltage	115	
RL Amperage	1.15	
Discharge ESP	-	
Total ESP	0.38	

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-1

AREA:180 BASKET WASH

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-220-15
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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System/Unit: FAN - Exhaust



Asset: RE-2

AREA:182 CLEAN RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-120-A
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.5	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	9.8
Service Factor	-	

Test Data		
	Design	Actual
CFM	1500	
RL Voltage	115	
RL Amperage	9.8	
Discharge ESP	-	
Total ESP	0.6	

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-3

AREA:177 ASSEMBLY

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-360-50
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-4

AREA:173 PIZZA TOPPING

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-360-50
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-5

AREA:177 ASSEMBLY

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-360-50
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-6

AREA:177 ASSEMBLY

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-300-50
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-7

AREA:174 PIZZA

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-300-30
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-8

AREA:173 PIZZA TOPPING

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-300-30
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-16

AREA: 159A NON-RTE MEAT PREP

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-20
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-17

AREA: 159B MARINATION RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-20
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-18

AREA:160 WASHING RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-160-B
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	2000	
RL Voltage	115	
RL Amperage	-	
Discharge ESP	-	
Total ESP	0.5	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.50	
Motor Rpm	1140	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-19

AREA: 152A PREP RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-140-10
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-20

AREA:152B RTE MEAT SLICING

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-10
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-21

AREA:152C MIXING PREP

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-120-A
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.50	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	9.8
Service Factor	-	

Test Data		
	Design	Actual
CFM	1800	
RL Voltage	115	
RL Amperage	9.8	
Discharge ESP	-	
Total ESP	0.5	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-22

AREA:151 DECANTING

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-15
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-23

AREA:155 RTE HYGIENE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-120-A
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	400	
RL Voltage	115	
RL Amperage	-	
Discharge ESP	-	
Total ESP	0.4	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.067	
Motor Rpm	1550	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-24

AREA: 158 KITCHEN H-9A

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-300-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	840	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	7.4
Service Factor	-	

Test Data		
	Design	Actual
CFM	11040	
RL Voltage	460	
RL Amperage	7.4	
Discharge ESP	-	
Total ESP	0.8	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-25

AREA:161A DESSERT H-1 (FUTURE)

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-200-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	5200	
RL Voltage	208	
RL Amperage	8.0	
Discharge ESP	-	
Total ESP	0.8	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	1350	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	8
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-26

AREA: 158 KITCHEN H-2

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-200-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1140	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	12.5
Service Factor	-	

Test Data		
	Design	Actual
CFM	4800	
RL Voltage	208	
RL Amperage	12.5	
Discharge ESP	-	
Total ESP	0.8	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-27

AREA: 158 KITCHEN H-3

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-200-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1140	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	12.5
Service Factor	-	

Test Data		
	Design	Actual
CFM	4800	
RL Voltage	208	
RL Amperage	12.5	
Discharge ESP	-	
Total ESP	0.8	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-28

AREA: 158 KITCHEN H-4

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-200-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1140	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	12.5
Service Factor	-	

Test Data		
	Design	Actual
CFM	4800	
RL Voltage	208	
RL Amperage	12.5	
Discharge ESP	-	
Total ESP	0.8	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-29

AREA: 158 KITCHEN H-5

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-200-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1140	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	12.5
Service Factor	-	

Test Data		
	Design	Actual
CFM	4400	
RL Voltage	208	
RL Amperage	12.5	
Discharge ESP	-	
Total ESP	0.8	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-30

AREA: 158 KITCHEN H-6

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-200-VG
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1140	
Phase	1	
Voltage (rated)	208	
Amperage (rated)	-	12.5
Service Factor	-	

Test Data		
	Design	Actual
CFM	4400	
RL Voltage	208	
RL Amperage	12.5	
Discharge ESP	-	
Total ESP	0.8	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-31

AREA: 158 KITCHEN H-7A

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-240-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	6400	
RL Voltage	460	
RL Amperage	4.3	
Discharge ESP	-	
Total ESP	0.8	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	960	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	4.3
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-32

AREA: 158 KITCHEN H-7B

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-240-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	6400	
RL Voltage	460	
RL Amperage	4.3	
Discharge ESP	-	
Total ESP	0.8	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	960	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	4.3
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-33

AREA: 158 KITCHEN H-8C

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-300-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	8450	
RL Voltage	460	
RL Amperage	7.4	
Discharge ESP	-	
Total ESP	0.8	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	5.0	
Motor Rpm	840	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	7.4
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-34

AREA: 158 KITCHEN H-8B

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-240-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	6450	
RL Voltage	460	
RL Amperage	4.3	
Discharge ESP	-	
Total ESP	0.8	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	960	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	4.3
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-35

AREA:146 BOILER

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-200-20
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-36

AREA:144 CLEANING RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-15
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	4150	
RL Voltage	460	
RL Amperage	3.0	
Discharge ESP	-	
Total ESP	0.7	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1.50	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.0
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-37

AREA:160 WASHING RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-099-A
Serial Num	-	
Type	-	

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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-38

AREA:131 TRASH

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-120-A
Serial Num	-	
Type	CRE-UPBLAST	

Test Data		
	Design	Actual
CFM	1500	
RL Voltage	115	
RL Amperage	9.8	
Discharge ESP	-	
Total ESP	0.6	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.50	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	9.8
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-39

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-090-D
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	400	
RL Voltage	115	
RL Amperage	-	
Discharge ESP	-	
Total ESP	0.4	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.067	
Motor Rpm	1550	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-40

AREA:104 R&D TEST KITCHEN

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-160-10
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	2.1
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	3200	
Fan RPM	1310	
RL Voltage	460	
RL Amperage	2.1	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.6	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-41

AREA:104 R&D TEST H-11

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-160XP-10
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	1.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	2.1
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	1970	
Fan RPM	2060	
RL Voltage	460	
RL Amperage	2.1	
Suction ESP	-	
Discharge ESP	-	
Total ESP	2.1	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-43

AREA:151 DECANT WAS-04

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-095-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	550	
RL Voltage	115	
RL Amperage	2.3	
Discharge ESP	-	
Total ESP	0.12	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	2.3
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-44

AREA:151 DECANT WAS-03

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-095-VG
Serial Num	-	
Type	CR UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	2.3
Service Factor	-	

Test Data		
	Design	Actual
CFM	550	
RL Voltage	115	
RL Amperage	2.3	
Discharge ESP	-	
Total ESP	0.12	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-45

AREA:151 DECANT WAS-02

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-095
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	550	
RL Voltage	115	
RL Amperage	2.3	
Discharge ESP	-	
Total ESP	0.12	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	2.3
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-46

AREA:151 DECANT WAS-01

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-095-VG
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	550	
RL Voltage	115	
RL Amperage	2.3	
Discharge ESP	-	
Total ESP	0.12	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.167	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	2.3
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-47

AREA:140 MAINTENANCE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-160-5
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.50	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	9.8
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	2000	
Fan RPM	943	
RL Voltage	115	
RL Amperage	9.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.50	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-48

AREA:174 PIZZA PKG

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-300-20
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	8900	
Fan RPM	622	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.4	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-50

AREA:152 CHILLED HOLDING

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-300-30
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	3.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	4.8
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	10500	
Fan RPM	725	
RL Voltage	460	
RL Amperage	4.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.5	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-51

AREA:134 LOADING DOCK

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

Test Data		
	Design	Actual
CFM	105	
RL Voltage	115	
RL Amperage	-	
Discharge ESP	-	
Total ESP	0.3	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.033	
Motor Rpm	1550	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-52

AREA:157 NRTE HYGIENE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUE-090-D
Serial Num	-	
Type	CRE UPBLAST	

Test Data		
	Design	Actual
CFM	400	
RL Voltage	115	
RL Amperage	-	
Discharge ESP	-	
Total ESP	0.4	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.067	
Motor Rpm	1550	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: RE-53

AREA:128 BAKERY HYGIENE

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

Test Data		
	Design	Actual
CFM	150	
RL Voltage	115	
RL Amperage	-	
Discharge ESP	-	
Total ESP	0.3	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.033	
Motor Rpm	1550	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Exhaust



Asset: XDUPE RE-39

AREA:166 NRTE PIZZA

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	NA
Serial Num	-	
Type	-	

Test Data		
	Design	Actual
CFM	-	
RL Voltage	-	
RL Amperage	-	
Discharge ESP	-	
Total ESP	-	

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

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Supply



Asset: IF-1

AREA:122 LOCKER RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	BSQ-90
Serial Num	-	

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	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	550	
SF RPM	1651	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.8	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

FAN - Supply



Diffuser Supply (GRD)

IF-1/122 LOCKER RM

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	122C	SG1S-6	6	75			-
SGRD2	122B	SG1S-6	6	75			-
SGRD3	122A	SG1S-6	6	75			-
SGRD4	122	SG1S-10	10	325			-
Total				550	0	0	0%

Diffuser Ret/Exh (GRD)

IF-1/122 LOCKER RM

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RG1-12F	12	550					-
Total			550		0	0	0	0%

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Supply



Asset: IF-4

AREA:140 MAINTENANCE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	BSQ-160
Serial Num	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.50	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	1.1
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	2000	
SF RPM	1069	
RL Voltage	460	
RL Amperage	1.1	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.796	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

FAN - Supply



Diffuser Supply (GRD)

IF-4/140 MAINTENANCE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	140	SG2S	24X24	2000			-
Total				2000	0	0	0%

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: FAN - Supply



Asset: IF-5

AREA:135 DOCK OFFICE

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	BSQ-90
Serial Num	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	1.1
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
CFM	400	
SF RPM	1536	
RL Voltage	460	
RL Amperage	11	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.797	
Brake Horse Power	-	

National TAB

Project: Warabeya North America (Columbus, OH)

FAN - Supply



Diffuser Supply (GRD)

IF-5/135 DOCK OFFICE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	135A	SG2S-10/6	10X6	200			-
SGRD2	135	SG2S-10/6	10X6	200			-
Total				400	0	0	0%

Diffuser Ret/Exh (GRD)

IF-5/135 DOCK OFFICE

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	RG2SD-6/8	6X8	325					-
Total			325		0	0	0	0%

National TAB

Project: Warabeya North America (Columbus, OH)

System/Unit: AHU-DUAL FAN



Asset: MAU-1

AREA:

UNIT DATA - SUPPLY		
	Design	Actual
Manufacturer	NA	NA
Model Number	NA	NA
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Final Filters / Size (1)	-	
No. Final Filters / Size (2)	-	
No. Final Filters / Size (3)	-	

UNIT DATA - EXHAUST/RETURN		
	Design	Actual
Manufacturer	-	
Model Number	-	
Serial Number	-	
No. Pre-Filters / Size (1)	-	
No. Pre-Filters / Size (2)	-	
No. Pre-Filters / Size (3)	-	
No. Pre-Filters / Size (4)	-	
No. Pre-Filters / Size (5)	-	
No. Pre-Filters / Size (6)	-	

MOTOR DATA - SUPPLY	
	Actual
Motor MFG / Frame	
Horsepower / RPM	
Rated Volts / Phase	
Rated Amperage / SF	

MOTOR DATA - EXHAUST/RETURN	
	Actual
Motor MFG / FRAME	
Horsepower / RPM	
Rated Volts / Phase	
Rated Amperage / SF	

DRIVE DATA - SUPPLY		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	

DRIVE DATA - EXHAUST/RETURN		
	Design	Actual
Motor Sheave Size / Bore	-	
Fan Sheave Size / Bore	-	
Belt CL Distance	-	
No. Belts / Size	-	

TEST DATA - SUPPLY		
	Design	Actual
Total CFM	-	
OA CFM	-	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

TEST DATA - EXHAUST/RETURN		
	Design	Actual
Total CFM	-	
Fan RPM	-	
VFD Speed	-	
RL Voltage	-	
RL Amperage	-	
Motor B.H.P.	-	

PERFORMANCE DATA - SUPPLY		
	Design	Actual
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Reheat Coil P.D.	-	
DX Coil P.D.	-	
Condenser Coil P.D.	-	
Chilled Water Coil P.D.	-	
Pre Heat Coil P.D.	-	
Final Filters P.D.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Air Blender P.D.	-	
Total ESP	-	

PERFORMANCE DATA - EXHAUST/RETURN		
	Design	Actual
Static Pressure Stpt	-	
Suction S.P.	-	
Discharge S.P.	-	
Total S.P.	-	
Heat Wheel P.D.	-	
Pre-Filters P.D.	-	
Total ESP	-	