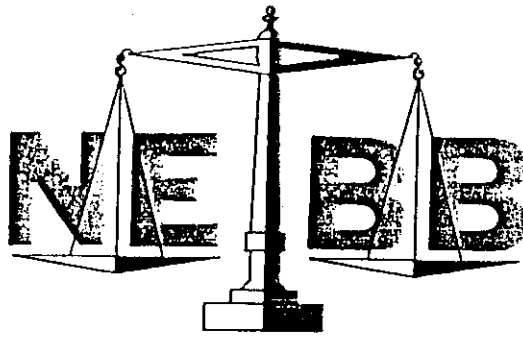




CERTIFIED TEST, ADJUST, AND BALANCE REPORT

DATE May 2001

PROJECT Robert B. Jaggard School

ADDRESS Evesham Township

Burlington County, New Jersey

ARCHITECT Wayne Allan Neville, AIA

West Berlin, New Jersey

ENGINEER EMC Consulting Engineers, Inc.

Cinnaminson, New Jersey

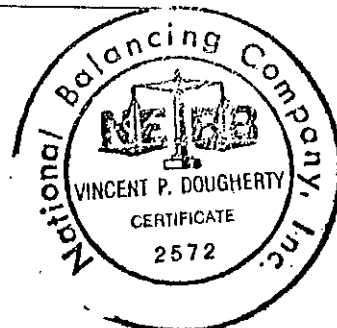
HVAC CONTRACTOR B and S Sheetmetal Mechanical

Morrisville, PA

NEBB TAB FIRM National Balancing Company, Inc.

ADDRESS 408 Oak Ave.

Cherry Hill, NJ 08002





CERTIFICATION

PROJECT Robert B. Jaggard School

ADDRESS Evesham Township

Burlington County, New Jersey

THE DATA PRESENTED IN THIS REPORT IS AN EXACT RECORD OF SYSTEM PERFORMANCE AND WAS OBTAINED IN ACCORDANCE WITH NEBB STANDARD PROCEDURES. ANY VARIANCES FROM DESIGN QUANTITIES WHICH EXCEED NEBB TOLERANCES ARE NOTED THROUGHOUT THIS REPORT.

THE AIR DISTRIBUTION SYSTEMS HAVE BEEN TESTED & BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB TAB FIRM National Balancing Company, Inc.

REG. NO. 2572 CERTIFIED BY Vincent P. Dougherty DATE Aug. 2000
(Air TAB Supervisor)

THE HYDRONIC DISTRIBUTION SYSTEMS HAVE BEEN TESTED & BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB TAB FIRM National Balancing Company, Inc.

REG. NO. 2572 CERTIFIED BY Vincent P. Dougherty DATE Aug. 2000
(Hydronic TAB Supervisor)

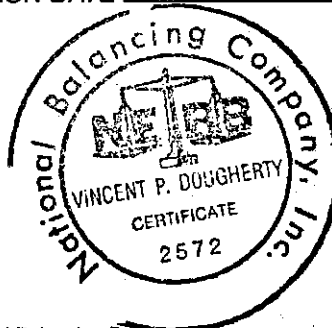
SUBMITTED & CERTIFIED BY:

NEBB TAB FIRM National Balancing Company, Inc.

TAB SUPERVISOR Vincent P. Dougherty

REG. NO. 2572 SIGNATURE Vincent P. Dougherty

DATE Aug. 2000 CERTIFICATION EXPIRATION DATE Dec. 2000



PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV-1</u>	FAN NO.	FAN NO. <u>HRV-1</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-3000</u>		<u>FV-3000</u>			
Serial Number	<u>19267/32497-000</u>		<u>19267/32497-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAKATHER/DP</u>		<u>KEESON/DP</u>			
Motor H.P./RPM/Frame	<u>2.0/1725/56H-80</u>		<u>2.0/1725/56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>3.1/1.15</u>		<u>3.1/1.15</u>			
Motor Sheave Make/Model	<u>BROWNING/AK3.5</u>		<u>BROWNING/1V4.4</u>			
Motor Sheave Diam./Bore	<u>AK3.5 / 5/8"</u>		<u>1V4.4 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>AK4.1 / 3/4"</u>		<u>AK4.1 / 3/4"</u>			
No. Belts/Make/Size	<u>1/PowerTwist/9334</u>		<u>1/PowerTwist/---</u>			
Sheave & Distance	<u>16 1/2"</u>		<u>14 1/2"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>2620</u>	<u>2601</u>			<u>2300</u>	<u>2240</u>
Fan RPM	<u>---</u>	<u>1341</u>			<u>---</u>	<u>1458</u>
S.P. In/Out	<u>---</u>	<u>1.72</u>			<u>---</u>	<u>0.83</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>0.85</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>470/468/470</u>			<u>460</u>	<u>470/470/470</u>
Amperage $T_1 T_2 T_3$	<u>3.1</u>	<u>2.7/2.8/2.5</u>			<u>3.1</u>	<u>2.9/3.0/3.0</u>

REMARKS: REVISEDTEST DATE April 2001 READINGS BY VPO/PB



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TAB 11-91
* Copyright, NI 1981 9991



OUTLET MANUFACTURER - - - - TEST APPARATUS Digital Anemometer

Flowchart

REMARKS: *REVISED*

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8.16



FAN TEST REPORT

PROJECT Robert B. Jaggard School

FAN DATA	FAN NO. <u>HRV #2</u>	FAN NO.	FAN NO. <u>HRV #2</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-3000</u>		<u>FV-3000</u>			
Serial Number	<u>19267/32401-000</u>		<u>19267/32401-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>LEESON / DP</u>		<u>LEESON / DP</u>			
Motor H.P./RPM/Frame	<u>1.5/1725/E56H</u>		<u>1.5/1725/E56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>2.8/1.15</u>		<u>2.8/1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK3.4</u>		<u>BROWNING / AK2.6</u>			
Motor Sheave Diam./Bore	<u>AK3.4 / 5/8"</u>		<u>AK2.6 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>4.5 o/d / 3/4"</u>		<u>AK3.5 / 3/4"</u>			
No. Belts/Make/Size	<u>1/PowerTwist/9334</u>		<u>1/PowerTwist/9334</u>			
Sheave C. Distance	<u>16 1/2"</u>		<u>14 1/2"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>2480</u>	<u>2416</u>			<u>2185</u>	<u>1995</u>
Fan RPM	<u>--</u>	<u>1232</u>			<u>--</u>	<u>1192</u>
S.P. In/Out	<u>--</u>	<u>1.52</u>			<u>--</u>	<u>0.37</u>
Total S.P.	<u>--</u>	<u>--</u>			<u>--</u>	<u>70.02</u>
Voltage $\frac{T_1 T_2 T_3}{T_3 T_1}$	<u>460</u>	<u>470/470/470</u>			<u>460</u>	<u>470/470/470</u>
Amperage $T_1 T_2 T_3$	<u>2.8</u>	<u>2.8/2.8/2.8</u>			<u>2.8</u>	<u>2.8/2.7/2.8</u>

REMARKS: NOTE: O/A BALANCE DAMPER JUMPED OUT TO RUN UNIT.

HAS THIS BEEN CORRECTED?
Note: This has been corrected
Per Fritz Tesarck of SRS.

TEST DATE Aug 2000 READINGS BY VPD/MGT



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

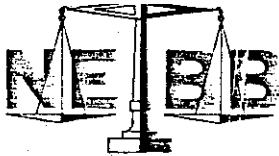
PAGE 6 OF 79
8.16



OUTLET MANUFACTURER TITOS TEST APPARATUS Flowhood

REMARKS:

PAGE 7 OF 79

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HRV #3</u>	FAN NO.	FAN NO. <u>HRV #3</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV 1000</u>		<u>FV 1000</u>			
Serial Number	<u>19267/32402-000</u>		<u>19267/32402-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>3/4 / 1625 / --</u>		<u>1/2 / 1625 / --</u>			
Volts/Phase/Hertz	<u>208 / 1 / 60</u>		<u>208 / 1 / 60</u>			
F.L. Amps/S.F.	<u>4.0 / --</u>		<u>2.8 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave ϕ Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>910</u>	<u>893</u>			<u>755</u>	<u>811</u>
Fan RPM	<u>--</u>	<u>DIRECT DRIVE</u>			<u>--</u>	<u>DIRECT DRIVE</u>
S.P. In/Out	<u>--</u>	<u>-1.53</u>			<u>--</u>	<u>-0.26</u>
Total S.P.	<u>--</u>	<u>--</u>			<u>--</u>	<u>-0.01</u>
Voltage T_1, T_2, T_3	<u>208</u>	<u>208</u>			<u>208</u>	<u>208</u>
Amperage T_1, T_2, T_3	<u>4.0</u>	<u>2.6</u>			<u>2.8</u>	<u>2.1</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RE



OUTLET MANUFACTURER. - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #4A</u>	FAN NO.	FAN NO. <u>HRV #4A</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAGATHON 1DP</u>		<u>LESSON 101</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>Browning AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>			
No. Belts/Make/Size	<u>1 / Powertwist / 9334</u>		<u>1 / Powertwist / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MON.</u>	<u>1515</u>	<u>1600</u>			<u>1515</u>	<u>1395</u>
Fan RPM	<u>--</u>	<u>1460</u>			<u>--</u>	<u>1280</u>
S.P. In/Out	<u>--</u>	<u>1.86</u>			<u>--</u>	<u>0.63</u>
Total S.P.	<u>--</u>	<u>1.62</u>			<u>--</u>	<u>0.65</u>
Voltage <u>T₁ T₂ T₃</u>	<u>460</u>	<u>460/460/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage <u>T₁ T₂ T₃</u>	<u>2.4</u>	<u>1.9/2.0/2.2</u>			<u>2.8</u>	<u>2.6/2.6/2.5</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/M-TD

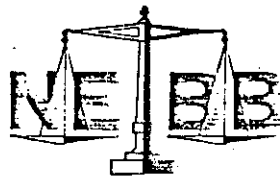


OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT

ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #4B</u>	FAN NO.	FAN NO. <u>HRV #4B</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MARATHON 1DP</u>		<u>LEESON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / E 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.5 O/D / 3/4"</u>		<u>AK3.9 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / POWERTWIST / 9334</u>		<u>1 / POWERTWIST / 9334</u>			
Sheave ϕ Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIRFLOW MONITOR</u>	<u>1515</u>	<u>1575</u>			<u>1515</u>	<u>1395</u>
Fan RPM	--	<u>CALC. 1460</u>			--	<u>CALC. 1280</u>
S.P. In/Out	--	<u>-1.45</u>			--	<u>-0.69</u>
Total S.P.	--	<u>1.74</u>			--	<u>0.70</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460 / 460 / 460</u>			<u>460</u>	<u>460 / 460 / 460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.9 / 1.9 / 2.0</u>			<u>2.8</u>	<u>2.3 / 2.3 / 2.4</u>

REMARKS:

TEST DATE

Aug 2000

READINGS BY

VPD/MTD



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

[illegible]

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV[#]4C</u>	FAN NO.	FAN NO. <u>HRV[#]4C</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MACATHON 1DP</u>		<u>LECSON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 10 / 3/4"</u>		<u>AK3.9 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1625</u>			<u>1515</u>	<u>1458</u>
Fan RPM	--	<u>CALC. 1460</u>			--	<u>CALC. 1280</u>
S.P. In/Out	--	<u>1.72 / 2.02</u>			--	<u>1.61 / 2.02</u>
Total S.P.	--	<u>1.50</u>			--	<u>1.69</u>
Voltage <u>T₁-T₂ T₂-T₃ T₃-T₁</u>	<u>460</u>	<u>460/460/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage <u>T₁ T₂ T₃</u>	<u>2.4</u>	<u>2.0/2.1/2.0</u>			<u>2.8</u>	<u>2.4/2.7/2.6</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY V.P.D./M.T.D



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

[illegible]

REMARKS:

ST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #40</u>	FAN NO.	FAN NO. <u>HRV #40</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MALATHON 1DP</u>		<u>LESSON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>Browning / AK-30</u>		<u>Browning AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave ϕ Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1625</u>			<u>1515</u>	<u>1440</u>
Fan RPM	<u>--</u>	<u>CALC. 1460</u>			<u>--</u>	<u>CALC. 1380</u>
S.P. In/Out	<u>--</u>	<u>-1.96 / -0.24</u>			<u>--</u>	<u>-0.63 / -0.02</u>
Total S.P.	<u>--</u>	<u>1.72</u>			<u>--</u>	<u>0.65</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460 / 462 / 462</u>			<u>460</u>	<u>460 / 460 / 460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.9 / 1.9 / 2.0</u>			<u>2.8</u>	<u>2.2 / 2.3 / 2.2</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY 11P7/MCTD



PROJECT ROBERT B. JAGGARD School SYSTEM HRV #40 Exhaust
OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #5</u>	FAN NO.	FAN NO. <u>HRV #5</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-1000</u>		<u>FV-1000</u>			
Serial Number	<u>19267/32404-000</u>		<u>19267/32404-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1625 / ---</u>		<u>3/4 / 1075 / ---</u>			
Volts/Phase/Hertz	<u>208 / 1 / 60</u>		<u>208 / 1 / 60</u>			
F.L. Amps/S.F.	<u>2.8 / ---</u>		<u>4.8 / ---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>645</u>	<u>667</u>			<u>580</u>	<u>627</u>
Fan RPM	<u>---</u>	<u>DIRECT DRIVE</u>			<u>---</u>	<u>DIRECT DRIVE</u>
S.P. In/Out	<u>---</u>	<u>1.04</u>			<u>---</u>	<u>1.04</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>0.27</u>
Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>208</u>	<u>208</u>			<u>208</u>	<u>208</u>
Amperage T_1 T_2 T_3	<u>2.8</u>	<u>2.1</u>			<u>4.8</u>	<u>3.1</u>

REMARKS:

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OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

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FAN DATA	FAN NO. <u>HRV #6</u>	FAN NO.	FAN NO. <u>HRV #6</u>			
Location	<u>ROOF</u>		<u>Roof</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV 5000</u>		<u>FV 5000</u>			
Serial Number	<u>19267/32465-000</u>		<u>19267/32465-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MARATHON / DP</u>		<u>MARATHON / DP</u>			
Motor H.P./RPM/Frame	<u>3/1725/56HZ-106</u>		<u>3/1725/56HZ-106</u>			
Volts/Phase/Hertz	<u>208/3/60</u>		<u>208/3/60</u>			
F.L. Amps/S.F.	<u>9.2/1.15</u>		<u>9.2/1.15</u>			
Motor Sheave Make/Model	<u>Browning / BK4.0</u>		<u>Browning / BK4.5</u>			
Motor Sheave Diam./Bore	<u>BK4.0 / 7/8"</u>		<u>BK4.5 / 7/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>8.0" o/d / 1.0"</u>		<u>AK6.8 / 1.0"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9333</u>		<u>1 / PowerTwist / 9333</u>			
Sheave ϕ Distance	<u>18 1/4"</u>		<u>18 5/8"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>5000</u>	<u>4962</u>			<u>5000</u>	<u>4725</u>
Fan RPM	<u>---</u>	<u>1740</u>			<u>---</u>	<u>913</u>
S.P. In/Out	<u>---</u>	<u>-1.19</u>			<u>---</u>	<u>-0.30</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>+0.01</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>208</u>	<u>203/203/202</u>			<u>208</u>	<u>202/202/202</u>
Amperage $T_1 T_2 T_3$	<u>9.2</u>	<u>5.3/5.2/5.2</u>			<u>9.2</u>	<u>7.0/6.6/6.7</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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FAN TEST REPORT

PROJECT ROBERT B. TAGGARD School

FAN DATA	FAN NO. <u>VHP-1</u>	FAN NO.	FAN NO.			
Location	<u>STORAGE 118</u>					
Service	<u>MULTI-PURPOSE 113</u>					
Manufacturer	<u>M^cQUAY</u>					
Model Number	<u>LDD 290</u>					
Serial Number	<u>AUBAD35836</u>					
Type/Class	<u>VLTIE/WSHP</u>					
Motor Make/Style	<u>MAGNETEK / DP</u>					
Motor H.P./RPM/Frame	<u>7.5/1745/5213T</u>					
Volts/Phase/Hertz	<u>460/3/60</u>					
F.L. Amps/S.F.	<u>9.7/1.15</u>					
Motor Sheave Make/Model	<u>BROWNING 11KPS4B66</u>					
Motor Sheave Diam./Bore	<u>11KPS4B66 / 1 3/8"</u>					
Fan Sheave Make	<u>BROWNING</u>					
Fan Sheave Diam./Bore	<u>BK10.0 / 1 3/16"</u>					
No. Belts/Make/Size	<u>1/OPTI-BELT / BX 65</u>					
Sheave & Distance	<u>2 1/2"</u>					
<u>FILTERS</u>	<u>(6) 20x25x1/TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>8000</u>	<u>7460</u>				
Fan RPM	<u>---</u>	<u>1112</u>				
S.P. In/Out	<u>---</u>	<u>0.54 0.29</u>				
Total S.P.	<u>---</u>	<u>0.83</u>				
Voltage T_1, T_2, T_3 T_3, T_1	<u>460</u>	<u>480/480/480</u>				
Amperage T_1, T_2, T_3	<u>9.7</u>	<u>7.1/6.7/7.1</u>				

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

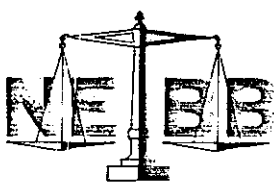
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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>RHP1-A</u>	FAN NO.	FAN NO. <u>RHP1-B</u>			
Location	<u>Roof</u>		<u>Roof</u>			
Service	<u>GYM</u>		<u>GYM</u>			
Manufacturer	<u>McQuart</u>		<u>McQuart</u>			
Model Number	<u>RWD0950</u>		<u>RWD0950</u>			
Serial Number	<u>000107101002</u>		<u>000107101003</u>			
Type/Class	<u>Roof Top / WS HP</u>		<u>Roof Top / WS HP</u>			
Motor Make/Style	<u>AOSmith / OPEN TP</u>		<u>AOSmith / OPEN TP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56H</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 - 3 - 60</u>			
F.L. Amps/S.F.	<u>2.3 / 1.15</u>		<u>2.3 / 1.15</u>			
Motor Sheave Make/Model	<u>Browning / - -</u>		<u>Browning / - -</u>			
Motor Sheave Diam./Bore	<u>4 3/4" Ø / 1 5/8"</u>		<u>4 3/4" Ø / 1 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>BK8.5 / 1.0"</u>		<u>BK8.5 / 1.0"</u>			
No. Belts/Make/Size	<u>1 / BANDO / B-47</u>		<u>1 / BANDO / B-47</u>			
Sheave ϕ Distance	<u>14 5/8"</u>		<u>14 3/4"</u>			
<u>FILTERS</u>	<u>(4) 14x25x1 / TA</u>		<u>(4) 14x25x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>3000</u>	<u>3190</u>			<u>3000</u>	<u>3235</u>
Fan RPM	<u>- - -</u>	<u>932</u>			<u>- - -</u>	<u>905</u>
S.P. In/Out	<u>- - -</u>	<u>-0.89</u> <u>+0.37</u>			<u>- - -</u>	<u>-0.91</u> <u>+0.42</u>
Total S.P.	<u>- - -</u>	<u>1.26</u>			<u>- - -</u>	<u>1.33</u>
Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>460</u>	<u>460/458/460</u>			<u>460</u>	<u>460/460/461</u>
Amperage T_1 T_2 T_3	<u>2.3</u>	<u>2.3/2.3/2.3</u>			<u>2.3</u>	<u>2.3/2.3/2.2</u>

REMARKS:

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OUTLET MANUFACTURER TEST APPARATUS Flow hood

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>RHP-1-C</u>	FAN NO.	FAN NO. <u>RHP-1-D</u>			
Location	<u>Roof</u>		<u>Roof</u>			
Service	<u>GTM</u>		<u>GTM</u>			
Manufacturer	<u>McQuay</u>		<u>McQuay</u>			
Model Number	<u>RWD0950</u>		<u>RWD0950</u>			
Serial Number	<u>000107101001</u>		<u>000107101004</u>			
Type/Class	<u>ROOFTOP/WSHP</u>		<u>ROOFTOP/WSHP</u>			
Motor Make/Style	<u>AO Smith/open TP</u>		<u>AO Smith/open TP</u>			
Motor H.P./RPM/Frame	<u>1 1/2/1725/56H</u>		<u>1 1/2/1725/56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>2.3/1.15</u>		<u>2.3/1.15</u>			
Motor Sheave Make/Model	<u>Browning/-</u>		<u>Browning/-</u>			
Motor Sheave Diam./Bore	<u>4 3/4" o/d / 1 5/8"</u>		<u>4 3/4" o/d / 1 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>BK8.5/1.0"</u>		<u>BK8.5/1.0"</u>			
No. Belts/Make/Size	<u>1/BANDO/B-47</u>		<u>1/BANDO/B-47</u>			
Sheave & Distance	<u>14 5/8"</u>		<u>14 5/8"</u>			
<u>FILTERS</u>	<u>(4) 14x25x1 TA</u>		<u>(4) 14x25x1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>3000</u>	<u>3210</u>			<u>3000</u>	<u>3260</u>
Fan RPM	<u>---</u>	<u>930</u>			<u>---</u>	<u>915</u>
S.P. In/Out	<u>---</u>	<u>0.43 0.45</u>			<u>---</u>	<u>0.40 0.39</u>
Total S.P.	<u>---</u>	<u>1.38</u>			<u>---</u>	<u>1.29</u>
Voltage $\frac{T_1-T_2}{T_3-T_1}$	<u>460</u>	<u>460/458/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.3</u>	<u>2.4/2.2/2.3</u>			<u>2.3</u>	<u>2.3/2.3/2.3</u>

REMARKS:

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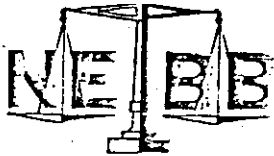


OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #48</u>	FAN NO.	FAN NO. <u>HP #48</u>			
Location	<u>ART Rm 128</u>		<u>Vocal music Rm 132</u>			
Service	<u>ART Rm 128</u>		<u>Vocal music Rm 132</u>			
Manufacturer	<u>McQUAY</u>		<u>McQUAY</u>			
Model Number	<u>CC H048C</u>		<u>CC H048C</u>			
Serial Number	<u>AUBA022881</u>		<u>AUBA022882</u>			
Type/Class	<u>horiz./WSHP</u>		<u>horiz./WSHP</u>			
Motor Make/Style	<u>GE/TP</u>		<u>GE/TP</u>			
Motor H.P./RPM/Frame	<u>3/4 1085/570</u>		<u>3/4 1085/570</u>			
Volts/Phase/Hertz	<u>460/1/60</u>		<u>460/1/60</u>			
F.L. Amps/S.F.	<u>2.5/---</u>		<u>2.5/---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>(2) 20 x 22 1/4 x 1/TA</u>		<u>(2) 20 x 22 1/4 x 1/TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1600</u>	<u>1745</u>			<u>1600</u>	<u>1730</u>
Fan RPM	<u>---</u>	<u>low SPD.</u>			<u>---</u>	<u>low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.43</u> <u>+0.28</u>			<u>---</u>	<u>-0.43</u> <u>+0.24</u>
Total S.P.	<u>---</u>	<u>0.71</u>			<u>---</u>	<u>0.71</u>
Voltage T_1, T_2, T_3 T_3, T_1	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>2.5</u>	<u>1.8</u>			<u>2.5</u>	<u>1.9</u>

REMARKS:

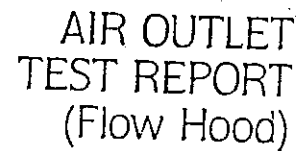
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OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

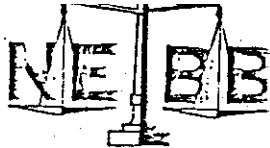
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OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS RM 145</u>		<u>CLASSROOM 146</u>			
Service	<u>CLASS RM 145</u>		<u>CLASSROOM 146</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036L</u>		<u>CC H036L</u>			
Serial Number	<u>AUBA017026</u>		<u>AUBA017024</u>			
Type/Class	<u>HORIZ. / WSHD</u>		<u>HORIZ. / WSHD</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1075 / 2SP1--</u>		<u>1/2 / 1075 / 2SP1--</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>		<u>17 3/8 / 34 7/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1280</u>			<u>1200</u>	<u>1260</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.50 / 0.12</u>			<u>---</u>	<u>0.58 / 0.15</u>
Total S.P.	<u>---</u>	<u>0.62</u>			<u>---</u>	<u>0.73</u>
Voltage $\begin{smallmatrix} T_1 T_2 T_3 \\ T_3 T_1 \end{smallmatrix}$	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage $T_1 T_2 T_3$	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.0</u>

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #36</u>	FAN NO.	FAN NO. <u>HP #36</u>			
Location	<u>CLASSROOM 147</u>		<u>CLASSRM 148</u>			
Service	<u>CLASS ROOM 147</u>		<u>CLASS RM 148</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA022781</u>		<u>AUBA017027</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / ¹⁰⁷⁵ 2SPD / --</u>		<u>1/2 / ¹⁰⁷⁵ 2SPD / --</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1245</u>			<u>1200</u>	<u>1260</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.38 / 0.16</u>			<u>---</u>	<u>0.38 / 0.15</u>
Total S.P.	<u>---</u>	<u>0.53</u>			<u>---</u>	<u>0.53</u>
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T ₁ T ₂ T ₃	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.0</u>

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OUTLET MANUFACTURER TEST APPARATUS Flow hood

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS Rm 149</u>		<u>CLASS Rm 153</u>			
Service	<u>CLASS Rm 149</u>		<u>CLASS Rm 153</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA022778</u>		<u>AUBA022780</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1800 / --</u>		<u>1/2 / 1800 / --</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>		<u>17 3/8 / 34 7/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1230</u>			<u>1200</u>	<u>1255</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.40</u> <u>+0.16</u>			<u>---</u>	<u>-0.40</u> <u>+0.20</u>
Total S.P.	<u>---</u>	<u>0.58</u>			<u>---</u>	<u>0.60</u>
Voltage T_1, T_2, T_3 T_3, T_1	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.1</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. [#] <u>H.P. 36</u>	FAN NO.	FAN NO.			
Location	<u>LIB/MEDIA 127</u>					
Service	<u>LIB/MEDIA 127</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>CC4D36C</u>					
Serial Number	<u>AUBA017025</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>GE / TP</u>					
Motor H.P./RPM/Frame	<u>1/2 / 1075</u>					
Volts/Phase/Hertz	<u>460 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.6 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17 3/8 x 34 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1220</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.46</u>				
Total S.P.	<u>---</u>	<u>0.59</u>				
Voltage ^{T₁T₂ T₂T₃} _{T₃T₁}	<u>460</u>	<u>460</u>				
Amperage T ₁ T ₂ T ₃	<u>1.0</u>	<u>1.2</u>				

REMARKS:

TEST DATE Aug 2000 READINGS BY RG/VAD



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #36 Lib/Media 127
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P. 30</u>	FAN NO.	FAN NO. [#] <u>H.P. 30</u>			
Location	<u>LIB/MEDIA 127</u>		<u>LIB/MEDIA 127</u>			
Service	<u>Rm 127, 214, 215</u>		<u>LIB/MEDIA 127</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H030C</u>		<u>CC H030C</u>			
Serial Number	<u>AUBA022671</u>		<u>AUBA022673</u>			
Type/Class	<u>Horiz./WSHP</u>		<u>Horiz./WSHP</u>			
Motor Make/Style	<u>FASCO/1TP</u>		<u>FASCO/1TP</u>			
Motor H.P./RPM/Frame	<u>1/3 1100/860 255D</u> / --		<u>1/3 1100/860 255D</u> / --			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>1.3</u> / --		<u>1.3</u> / --			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 1/2 / 26 5/8 x 1 TA</u>		<u>17 1/2 / 26 5/8 x 1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1000</u>	<u>1005</u>			<u>1000</u>	<u>1070</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.33</u> <u>0.11</u>			<u>---</u>	<u>0.39</u> <u>0.16</u>
Total S.P.	<u>---</u>	<u>0.44</u>			<u>---</u>	<u>0.55</u>
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T ₁ T ₂ T ₃	<u>1.3</u>	<u>1.3</u>			<u>1.3</u>	<u>1.3</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPO/RG

AIR OUTLET
TEST REPORT
(Flow Hood)

PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #30 LIB/MEDIA 127, 214, 215
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

[illegible]

REMARKS:

TEST DATE Aug 2000 READINGS BY VMD/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. [#]	FAN NO.	FAN NO.			
Location	EXISTING CLRM 22					
Service	EXISTING CLRM 22					
Manufacturer	MCQUAY					
Model Number	CC4030L					
Serial Number	AUBA022670					
Type/Class	HORIZ / WSH P					
Motor Make/Style	FASCO / TP					
Motor H.P./RPM/Frame	1/3 / 1100/260 / --					
Volts/Phase/Hertz	265 / 1 / 60					
F.L. Amps/S.F.	1.3 / --					
Motor Sheave Make/Model	DIRECT DRIVE					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	DIRECT DRIVE					
<u>FILTERS</u>	17 1/8 / 26 7/8 / X17A					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	1000	1060				
Fan RPM	---	LOW SPD.				
S.P. In/Out	---	0.34 0.09				
Total S.P.	---	0.43				
Voltage T_1, T_2, T_3 T_3, T_1	265	265				
Amperage T_1, T_2, T_3	1.3	1.3				

REMARKS:

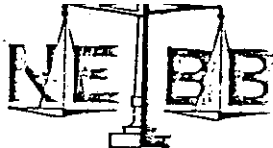
TEST DATE AUG 2000 READINGS BY RG/VPD



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #30 C.L. Rm 22
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

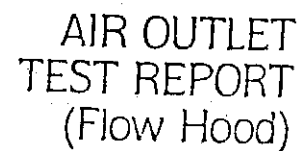
TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P. 24</u>	FAN NO.	FAN NO. [#] <u>H.P. 24</u>			
Location	<u>CL. RM 143</u>		<u>CL. RM 142</u>			
Service	<u>CL. RM 143</u>		<u>CL. RM 142</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H024C</u>		<u>CC H024C</u>			
Serial Number	<u>AUBA022628</u>		<u>AUBA022679</u>			
Type/Class	<u>horiz./WSHP</u>		<u>horiz./WSHP</u>			
Motor Make/Style	<u>FASCO 1TP</u>		<u>FASCO 1TP</u>			
Motor H.P./RPM/Frame	<u>1/3 / 1100/80 / --</u>		<u>1/3 / 1100/80 / --</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>1.3 / --</u>		<u>1.3 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 1/8 x 26 5/8 x 1 / TA</u>		<u>17 1/2 x 26 5/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>800</u>	<u>860</u>			<u>800</u>	<u>865</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.38</u>
Total S.P.	<u>---</u>	<u>0.81</u>			<u>---</u>	<u>0.82</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>1.3</u>	<u>1.1</u>			<u>1.3</u>	<u>1.1</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. [#]	FAN NO.	FAN NO.			
Location	INST./MUSIC 133					
Service	INST./MUSIC 133					
Manufacturer	MCQUAY					
Model Number	CC4024C					
Serial Number	AUBAO 22631					
Type/Class	HORIZ./WSHP					
Motor Make/Style	FASCO/TP					
Motor H.P./RPM/Frame	1/3 / 1100/360					
Volts/Phase/Hertz	265/1/60					
F.L. Amps/S.F.	1.3 / - -					
Motor Sheave Make/Model	DIRECT DRIVE					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	DIRECT DRIVE					
<u>FILTERS</u>	17 1/8 x 26 7/8 x 1 / TA					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	800	849				
Fan RPM	- - -	LOW SPD.				
S.P. In/Out	- - -	0.30 / 0.55				
Total S.P.	- - -	0.85				
Voltage $T_1 T_2 T_3$ $T_3 T_1$	265	265				
Amperage $T_1 T_2 T_3$	1.3	1.0				

REMARKS:

TEST DATE AUG 2000 READINGS BY RG/UPD

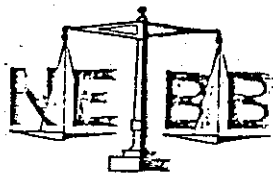


OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL. RM 138</u>		<u>LL RM 139</u>			
Service	<u>LL. RM 138</u>		<u>LL RM 139</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>LLH015C</u>		<u>LLH015C</u>			
Serial Number	<u>AUBA022503</u>		<u>AUBA022501</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/570 / --</u>		<u>1/8 / 1075/570 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15 X 23 X 1 / TA</u>		<u>15 X 23 X 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>530</u>			<u>500</u>	<u>520</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.23</u>			<u>---</u>	<u>-0.17</u>
Total S.P.	<u>---</u>	<u>0.34</u>			<u>---</u>	<u>0.36</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.80</u>	<u>0.80</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY KPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL RM 140</u>		<u>CL RM 141</u>			
Service	<u>CL RM 140</u>		<u>CL RM 141</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H015C</u>		<u>CC H015C</u>			
Serial Number	<u>AUBA022505</u>		<u>AUBA022504</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/970 / --</u>		<u>1/8 / 1075/970 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1 /TA</u>		<u>15x23x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>540</u>			<u>500</u>	<u>530</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.22 / +0.13</u>			<u>---</u>	<u>-0.17 / +0.17</u>
Total S.P.	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.36</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.80</u>	<u>0.80</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VRD/RG

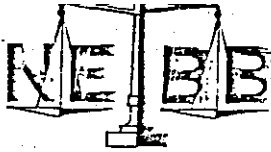
AIR OUTLET TEST REPORT (Flow Hood)

PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #15 Cl. Rms 140+141
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

[illegible]

REMARKS:

TEST DATE Aug 2000 READINGS BY WPO/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL Rm 150</u>		<u>CL Rm 152</u>			
Service	<u>CL Rm 150</u>		<u>CL Rm 152</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CLH015C</u>		<u>CLH015C</u>			
Serial Number	<u>AUBA022499</u>		<u>AUBA022506</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO/TP</u>		<u>FASCO/TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/92</u>		<u>1/8 / 1075/92</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15X23X1 / TA</u>		<u>15X23X1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>515</u>			<u>500</u>	<u>535</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.25 / +0.13</u>			<u>---</u>	<u>-0.25 / +0.25</u>
Total S.P.	<u>---</u>	<u>0.36</u>			<u>---</u>	<u>0.46</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.80</u>	<u>0.85</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VRD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #15 CL. RMS 1504152
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #15</u>	FAN NO.	FAN NO. <u>HP #15</u>			
Location	<u>VEST. 210</u>		<u>VEST 211</u>			
Service	<u>VEST. 210</u>		<u>VEST 211</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H015C</u>		<u>CC H015C</u>			
Serial Number	<u>AUBA022506</u>		<u>AUBA022500</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO/TP</u>		<u>FASCO/TP</u>			
Motor H.P./RPM/Frame	<u>1/8/1075/570</u>		<u>1/8/1075/570</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>0.80/---</u>		<u>0.80/---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1/TA</u>		<u>15x23x1/TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>520</u>			<u>500</u>	<u>545</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.26</u>			<u>---</u>	<u>0.28</u>
Total S.P.	<u>---</u>	<u>0.48</u>			<u>---</u>	<u>0.49</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.80</u>	<u>0.95</u>			<u>0.80</u>	<u>0.85</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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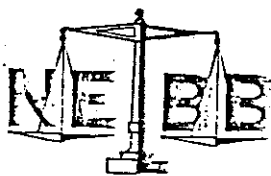
FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #12</u>	FAN NO.	FAN NO. <u>HP #12</u>			
Location	<u>P.E. OFFICE 134</u>		<u>EXIST CL. RM 20</u>			
Service	<u>134 & 135</u>		<u>EXIST. CL. RM 20</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 012C</u>		<u>CC H 012C</u>			
Serial Number	<u>AUBA022488</u>		<u>AUBA022451</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550/400 / --</u>		<u>1/8 / 1550/400 / --</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 /TA</u>		<u>10/24x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>400</u>	<u>415</u>			<u>400</u>	<u>390</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>High SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.28 / 0.10</u>			<u>---</u>	<u>0.31 / 0.11</u>
Total S.P.	<u>---</u>	<u>0.38</u>			<u>---</u>	
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.65</u>	<u>0.50</u>			<u>0.65</u>	<u>0.75</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #9</u>	FAN NO.	FAN NO. <u>H.P. #9</u>			
Location	<u>CONN 201 BxWB 127</u>		<u>CONN 205 BxWB 149</u>			
Service	<u>CONN 201</u>		<u>CONN 205</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H009C</u>		<u>CC H009C</u>			
Serial Number	<u>AUBA022456</u>		<u>AUBA022446</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550 / 1400 / --</u>		<u>1/8 / 1550 / 1400 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>300</u>	<u>300</u>			<u>300</u>	<u>330</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.35 / 0.19</u>			<u>---</u>	<u>0.29 / 0.13</u>
Total S.P.	<u>---</u>	<u>0.54</u>			<u>---</u>	<u>0.42</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.65</u>	<u>0.60</u>			<u>0.65</u>	<u>0.55</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #09 Coll. 201 & 205
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

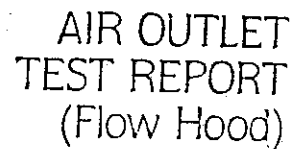
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PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #09</u>	FAN NO.	FAN NO. <u>H.P. #09</u>			
Location	<u>CORR 209 BY WEST 210</u>		<u>CORR 209 BY 6YM</u>			
Service	<u>CORR 209</u>		<u>CORR 209</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H009C</u>		<u>CC H009C</u>			
Serial Number	<u>AUBA022445</u>		<u>AUBA022444</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550 / 400 / --</u>		<u>1/8 / 1550 / 400 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>300</u>	<u>330</u>			<u>300</u>	<u>330</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.27</u> <u>+0.15</u>			<u>---</u>	<u>-0.27</u> <u>+0.13</u>
Total S.P.	<u>---</u>	<u>0.42</u>			<u>---</u>	<u>0.42</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.65</u>	<u>0.60</u>			<u>0.65</u>	<u>0.50</u>

REMARKS:

EST DATE AUG 2000 READINGS BY VDD/RG

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TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #07</u>	FAN NO.	FAN NO. <u>HP #07</u>			
Location	<u>STORAGE 124</u>		<u>STORAGE 125</u>			
Service	<u>STORAGE 124</u>		<u>STORAGE 125</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H007C</u>		<u>CC H007C</u>			
Serial Number	<u>AUBA022408</u>		<u>AUBA022407</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO 17P</u>		<u>FASCO 17P</u>			
Motor H.P./RPM/Frame	<u>0.05/1550/1--</u>		<u>0.05/1550/1--</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>0.30/1--</u>		<u>0.30/1--</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 1TA</u>		<u>10x24x1 1TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>210</u>			<u>230</u>	<u>210</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.24</u> <u>+0.06</u>			<u>---</u>	<u>-0.23</u> <u>+0.05</u>
Total S.P.	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.28</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG

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TEST DATE Aug 2000 READINGS BY WPD/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #07</u>	FAN NO.	FAN NO. <u>HP #07</u>			
Location	<u>EXIST. READING RM 24</u>		<u>CORR 203 Bx RM 125</u>			
Service	<u>EXIST. READING RM 24</u>		<u>CORR 203</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H007C</u>		<u>CC H007C</u>			
Serial Number	<u>AUBA022413</u>		<u>AUBA022406</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / ¹⁵⁵⁰ 2500 / --</u>		<u>0.05 / ¹⁵⁵⁰ 2500 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 /TA</u>		<u>10x24x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>215</u>			<u>230</u>	<u>230</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.22 / 0.05</u>			<u>---</u>	<u>0.24 / 0.10</u>
Total S.P.	<u>---</u>	<u>0.27</u>			<u>---</u>	<u>0.39</u>
Voltage ^{T₁T₂} _{T₃T₁}	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T ₁ T ₂ T ₃	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flowhead

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REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>COAL 206 BxRM 146</u>		<u>COAL 206 BxRM 147</u>			
Service	<u>COAL 206</u>		<u>COAL 206</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022418</u>		<u>AUBA022410</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / ¹⁵⁵⁰ 2500 / --</u>		<u>0.05 / ¹⁵⁵⁰ 2500 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 /TA</u>		<u>10x24x1 /TD</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>250</u>			<u>230</u>	<u>235</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.23 0.07</u>			<u>---</u>	<u>0.21 0.15</u>
Total S.P.	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.36</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

EST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>CORR 206 BxRM 148</u>		<u>CORR. 201 BxRM 128</u>			
Service	<u>CORR 206</u>		<u>CORR 201</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022420</u>		<u>AUBA022421</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / 25PD / --</u>		<u>0.05 / 1550 / 25PD / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10X24X1 /TA</u>		<u>10X24X1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>230</u>			<u>230</u>	<u>240</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.26 / +0.10</u>			<u>---</u>	<u>-0.24 / +0.11</u>
Total S.P.	<u>---</u>	<u>0.36</u>			<u>---</u>	<u>0.35</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.35</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #07 Coll 206 & Coll 201
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flowhead

REMARKS:

EST DATE Aug 2000 READINGS BY VPO/RG



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #01</u>	FAN NO.	FAN NO. <u>H.P. #02</u>			
Location	<u>Coal 203 Bx Coal 205</u>		<u>Coal 205 Bx Rm 153</u>			
Service	<u>Coal 203</u>		<u>Coal 205</u>			
Manufacturer	<u>McQUAY</u>		<u>McQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022415</u>		<u>AUBA022418</u>			
Type/Class	<u>Horiz. / WSHp</u>		<u>Horiz. / WSHp</u>			
Motor Make/Style	<u>Fasco / TP</u>		<u>Fasco / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>220</u>			<u>230</u>	<u>240</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.29 / 70.08</u>			<u>---</u>	<u>0.29 / 70.11</u>
Total S.P.	<u>---</u>	<u>0.37</u>			<u>---</u>	<u>0.34</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flowhead

REMARKS:

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PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>IDF ELCC Rm 137</u>		<u>CORR 206 BY Rm 137</u>			
Service	<u>IDF ELCC Rm 137</u>		<u>CORR 206 BY Rm 137</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022414</u>		<u>AUBA022416</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>220</u>			<u>230</u>	<u>235</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.28 / 0.07</u>			<u>---</u>	<u>0.25 / 0.09</u>
Total S.P.	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.34</u>
Voltage $T_1 T_2 T_3$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.35</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

[illegible]

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P.07</u>	FAN NO.	FAN NO.			
Location	<u>Coll 208 By Girls Rm</u>					
Service	<u>Coll 208</u>					
Manufacturer	<u>McQuay</u>					
Model Number	<u>22409</u>					
Serial Number	<u>22409</u>					
Type/Class	<u>Horiz / WSH P</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>0.30 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>10x24x1 / FA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>225</u>				
Fan RPM	<u>---</u>	<u>Low SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.21 / 0.08</u>				
Total S.P.	<u>---</u>	<u>0.35</u>				
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>				
Amperage $T_1 T_2 T_3$	<u>0.30</u>	<u>0.30</u>				

REMARKS:

TEST DATE Aug 2000 READINGS BY RG/UPD



PROJECT ROBERT B. JAGGARD School SYSTEM EXHAUST SYSTEMS 1243

OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS: REVISED EF-2 (SCREW) WAS OBSTRUCTING DAMPER OPENING ^{now} CONNECTED

TEST DATE 1409 2000 READINGS BY VPD



CERT. No. 2572

NATIONAL BALANCING COMPANY, INC.

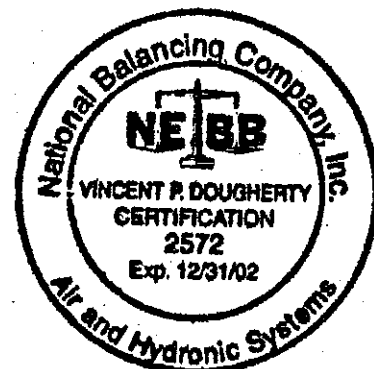
408 OAK AVENUE
CHERRY HILL, NJ 08002

(856) 667-5100 FAX (856) 667-1099

ROBERT B. JAGGARD SCHOOL

EVESHAM TOWNSHIP

HYDRONICS





PUMP TEST REPORT

PROJECT ROBERT B. TAGGARD School

	DATA	PUMP NO. <u>LWP-1</u>	PUMP NO.	PUMP NO. <u>LWP-2</u>	PUMP NO.	PUMP NO.
DESIGN	Location	<u>MECH. RM 144</u>		<u>MECH. RM 144</u>		
	Service	<u>LOOP WATER PUMP</u>		<u>LOOP WATER PUMP</u>		
	Manufacturer	<u>BELL & GOSSETT</u>		<u>BELL & GOSSETT</u>		
	Model Number	<u>4BC9.5BF</u>		<u>4BC9.5BF</u>		
	Serial Number	<u>2194095</u>		<u>2194096</u>		
	GPM/Head	<u>546/80</u>		<u>546/80</u>		
	Req. NPSH	<u>---</u>		<u>---</u>		
	Pump RPM	<u>1800</u>		<u>1800</u>		
	Impeller Diam.	<u>9.5</u>		<u>9.5</u>		
	Motor Mfr./Frame	<u>V/SELECTRIC/254T</u>		<u>V/SELECTRIC/254T</u>		
	Motor HP/RPM	<u>15.0/1770</u>		<u>15.0/1770</u>		
	Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>		
	F.L. Amps/S.F.	<u>19.0/1.15</u>		<u>19.0/1.15</u>		
	Seal Type	<u>STANDARD</u>		<u>STANDARD</u>		
ACTUAL	Pump Off-Press.	<u>0</u>		<u>0</u>		
	Valve Shut Diff.	<u>38 PSI / 88'</u>		<u>38 PSI / 88'</u>		
	Act. Impeller Diam.	<u>9.5"</u>		<u>9.5"</u>		
	Valve Open Diff.	<u>33 PSI / 76'</u>		<u>33 PSI / 76'</u>		
	Valve Open GPM	<u>670</u>		<u>670</u>		
	Final Dischg. Press.	<u>59.0 PSI</u>		<u>59.0 PSI</u>		
	Final Suction Press.	<u>24.0 PSI</u>		<u>24.0 PSI</u>		
	Final Δ P	<u>35.0 PSI</u>		<u>35.0 PSI</u>		
	Final GPM	<u>550</u>		<u>550</u>		
	Voltage $\frac{T_1-T_2}{T_3-T_1}$	<u>488/486/488</u>		<u>488/488/488</u>		
	Amperage $T_1 T_2 T_3$	<u>15.0/15.6/15.0</u>		<u>15.0/15.4/15.0</u>		

REMARKS:

TEST DATE OCT/2000 READINGS BY VPO



LOCATION Evesham Township

REMARKS:

8.27



PUMP TEST REPORT

PROJECT ROBERT B. JAGGARD School

DATA	PUMP NO. <u>CWP-1</u>	PUMP NO.	PUMP NO. <u>CWP-2</u>	PUMP NO.	PUMP NO.
Location	<u>MECH RM 144</u>		<u>MECH RM 144</u>		
Service	<u>CONDENSE WATER</u>		<u>CONDENSE WATER</u>		
Manufacturer	<u>PELLI GOSSETT</u>		<u>PELLI GOSSETT</u>		
Model Number	<u>4BC8-125BF</u>		<u>4BC8-125BF</u>		
Serial Number	<u>2194101</u>		<u>2194102</u>		
GPM/Head	<u>516/55</u>		<u>516/55</u>		
Req. NPSH	<u>---</u>		<u>---</u>		
Pump RPM	<u>1800</u>		<u>1800</u>		
Impeller Diam.	<u>8.125</u>		<u>8.125</u>		
Motor Mfr./Frame	<u>MARATHON/254T</u>		<u>MARATHON/254T</u>		
Motor HP/RPM	<u>15.0/1760</u>		<u>15.0/1760</u>		
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>		
F.L. Amps/S.F.	<u>19.2/1.15</u>		<u>19.2/1.15</u>		
Seal Type	<u>STANDARD</u>		<u>STANDARD</u>		
Pump Off-Press.	<u>0</u>		<u>0</u>		
Valve Shut Diff.	<u>26.4 PSI/61'</u>		<u>26.4 PSI/61'</u>		
Act. Impeller Diam.	<u>8.125"</u>		<u>8.125"</u>		
Valve Open Diff.	<u>18.4 PSI/42.5'</u>		<u>18.4 PSI/42.5'</u>		
Valve Open GPM	<u>700</u>		<u>700</u>		
Final Dischg. Press.	<u>25.5</u>		<u>25.5</u>		
Final Suction Press.	<u>2.0</u>		<u>2.0</u>		
Final Δ P	<u>23.5</u>		<u>23.5</u>		
Final GPM	<u>520</u>		<u>520</u>		
Voltage $T_1 T_2 T_3$	<u>488/488/488</u>		<u>488/488/488</u>		
Amperage $T_1 T_2 T_3$	<u>13.4/13.2/13.7</u>		<u>13.3/13.2/13.3</u>		

REMARKS:

TEST DATE OCT 2000 READINGS BY VPO



SYSTEM/UNIT CONDENSER WATER

LOCATION Everham Township

REMARKS:

TEST DATE DEC 2000 READINGS BY UPD



PUMP TEST REPORT

PROJECT

ROBERT B. TAGGARD School

	DATA	PUMP NO. ①	PUMP NO.	PUMP NO. ②	PUMP NO.	PUMP NO.
		<u>HWP-3</u>		<u>HWP-4</u>		
DESIGN	Location	<u>EXIST. BOILER RM</u>		<u>EXIST. BOILER RM</u>		
	Service	<u>HOT WATER</u>		<u>HOT WATER</u>		
	Manufacturer	<u>ALLCO GOSSETT</u>		<u>ALLCO GOSSETT</u>		
	Model Number	<u>28C7 7/8 BFL99</u>		<u>28C7 7/8 BFL99</u>		
	Serial Number	<u>2180093</u>		<u>2180092</u>		
	GPM/Head	<u>120/50</u>		<u>120/50</u>		
	Req. NPSH	<u>---</u>		<u>---</u>		
	Pump RPM	<u>1755</u>		<u>1755</u>		
	Impeller Diam.	<u>7 7/8</u>		<u>7 7/8</u>		
	Motor Mfr./Frame	<u>GE/182T</u>		<u>GE/182T</u>		
	Motor HP/RPM	<u>3/1755</u>		<u>3/1755</u>		
	Volts/Phase/Hertz	<u>230/3/60</u>		<u>230/3/60</u>		
	F.L. Amps/S.F.	<u>7.8/1.15</u>		<u>7.8/1.15</u>		
	Seal Type	<u>STANDARD</u>		<u>STANDARD</u>		
ACTUAL	Pump Off-Press.	<u>0</u>		<u>0</u>		
	Valve Shut Diff.	<u>28 PSI/65'</u>		<u>28 PSI/65'</u>		
	Act. Impeller Diam.	<u>7 7/8"</u>		<u>7 7/8"</u>		
	Valve Open Diff.	<u>23 PSI/53'</u>		<u>23 PSI/53'</u>		
	Valve Open GPM	<u>175</u>		<u>175</u>		
	Final Dischg. Press.	<u>39.2 PSI</u>		<u>39.2 PSI</u>		
	Final Suction Press.	<u>13.2 PSI</u>		<u>13.2 PSI</u>		
	Final Δ P	<u>26.0 PSI</u>		<u>26.0 PSI</u>		
	Final GPM	<u>125</u>		<u>125</u>		
	Voltage $T_1-T_2-T_3$ T_3-T_1	<u>208/208/208</u>		<u>208/208/208</u>		
	Amperage $T_1 T_2 T_3$	<u>7.5/7.6/7.8</u>		<u>7.5/7.5/7.8</u>		

REMARKS:

TEST DATE

OCT 2000

READINGS BY

VPS



PROJECT ROBERT B. LAGGARD School SYSTEM/UNIT HOT WATER
LOCATION Evesham Township

REMARKS:

8.27

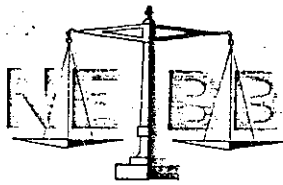


SYSTEM/UNIT UNIT BEATERS

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REMARKS:

TEST DATE OCT 2000 READINGS BY HPD



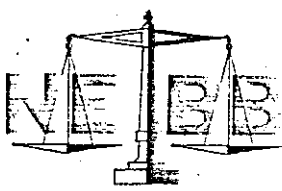
BALANCE VALVE/FLOW METER TEST REPORT

PROJECT Robert B. Taggart School SYSTEM/UNIT Heat Pump Loop
LOCATION Evansham Township

SERVICE OR DESIGNATION	SIZE	MODEL	DESIGN GPM (l/s)	ACTUAL VALVE SETPOINT (DEGREE)	ACTUAL VALVE P.D. P.S.I.	ACTUAL GPM (l/s)	NOTES
STORAGE 118	1 1/2	GRISWOLD	50.0	AUTO BALANCING	6.0	50.0	VHP-1
GYMNASIUM			24.0		6.0	24.0	RHP-1A
					8.0	24.0	RHP-1B
					7.0	24.0	RHP-1C
GYMNASIUM	1 1/2		24.0		9.0	24.0	RHP-1D
ART Rm C-128	3/4		9.6		9.0	9.6	HP-48
VOCAL C-132			9.6		6.0	9.6	HP-48
C-145			7.5		9.0	7.5	HP-36
C-146					11.0	7.5	
C-147					13.0	7.5	
C-148					13.0	7.5	
C-149					14.0	7.5	
Lib. C-127					12.0	7.5	
C-153			7.5		10.0	7.5	HP-36
Lib. C-127			6.0		9.5	6.0	HP-30
Lib. C-127			6.0		10.0	6.0	HP-30
EX. C-22			6.0		10.0	6.0	HP-30
C-143			5.0		8.0	5.0	HP-24
C-142			5.0		13.0	5.0	HP-24
MUSIC C-133	3/4		5.0		11.0	5.0	HP-24
C-141	1/2		2.7		13.0	2.7	HP-15
C-140	1/2		2.7		13.0	2.7	HP-15
C-139	1/2	GRISWOLD	2.7	AUTO BALANCING	9.0	2.7	HP-15

REMARKS:

TEST DATE DEC 2000 READINGS BY WPD



BALANCE VALVE/FLOW METER TEST REPORT

PROJECT ROBERT B. JAGGARD

SYSTEM/UNIT HEAT PUMP LOOP

LOCATION Eversham Township

SERVICE OR DESIGNATION	SIZE	MODEL	DESIGN GPM (l/s)	ACTUAL VALVE SETPOINT (DEGREE)	ACTUAL VALVE P.D.	ACTUAL GPM (l/s)	NOTES
C-138	1/2	GRISWOLD	2.7	AUTO BALANCING	10.0	2.7	HP-15
C-150					12.0	2.7	
C-152					8.0	2.7	
VEST C-211					7.0	2.7	
VEST C-210			2.7		14.0	2.7	HP-15
W.E. C-134			2.6		10.0	2.6	HP-12
E. C-20			2.6		9.0	2.6	HP-12
CORR. 201			1.8		14.0	1.8	HP-09
CORR 205			1.8		13.0	1.8	HP-09
CORR 209			1.8		15.0	1.8	HP-09
CORR 209 (BY GRM)			1.8		15.0	1.8	HP-09
CORR 206 (C-145)			1.4		12.0	1.4	HP-07
CORR 206 (C-147)					6.0	1.4	
CORR 206 (C-148)					6.0	1.4	
CORR 203					15.0	1.4	
CORR 201 (C-128)					15.0	1.4	
CORR 205					16.0	1.4	
CORR 203 (C-201)					13.0	1.4	
CORR 206					15.0	1.4	
IDF 137					14.0	1.4	
CORR 206 (GRISWOLD)					15.0	1.4	
C-101					14.0	1.4	
C-100	1/2	GRISWOLD	1.4	AUTO BALANCING	10.0	1.4	HP-07

REMARKS:

TEST DATE OCT 2000 READINGS BY VPD

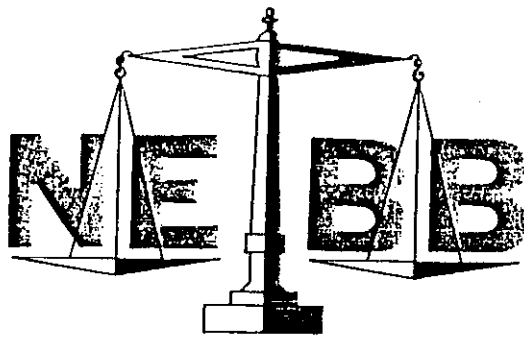


SYSTEM/UNIT HEAT PUMP LOOP

LOCATION Evesham Township

REMARKS:

TEST DATE OCT 2000 READINGS BY VPD



CERTIFIED TEST, ADJUST, AND BALANCE REPORT

DATE May 2001

PROJECT Robert B. Jaggard School

ADDRESS Evesham Township

Burlington County, New Jersey

ARCHITECT Wayne Allan Neville, AIA

West Berlin, New Jersey

ENGINEER EMC Consulting Engineers, Inc.

Cinnaminson, New Jersey

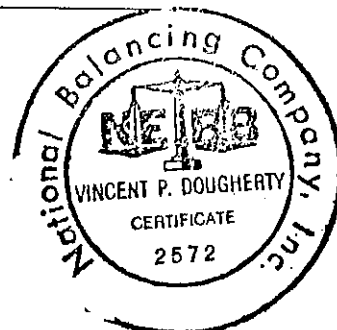
HVAC CONTRACTOR B and S Sheetmetal Mechanical

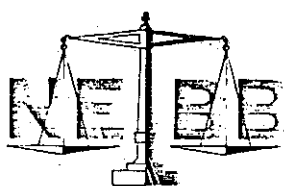
Morrisville, PA

NEBB TAB FIRM National Balancing Company, Inc.

ADDRESS 408 Oak Ave.

Cherry Hill, NJ 08002





CERTIFICATION

PROJECT Robert B. Jaggard SchoolADDRESS Evesham TownshipBurlington County, New Jersey

THE DATA PRESENTED IN THIS REPORT IS AN EXACT RECORD OF SYSTEM PERFORMANCE AND WAS OBTAINED IN ACCORDANCE WITH NEBB STANDARD PROCEDURES. ANY VARIANCES FROM DESIGN QUANTITIES WHICH EXCEED NEBB TOLERANCES ARE NOTED THROUGHOUT THIS REPORT.

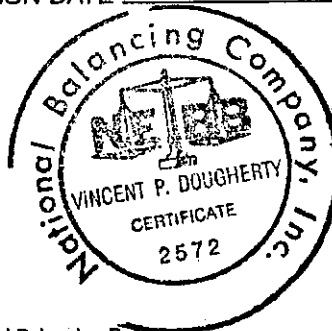
THE AIR DISTRIBUTION SYSTEMS HAVE BEEN TESTED & BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB TAB FIRM National Balancing Company, Inc.REG. NO. 2572 CERTIFIED BY Vincent P. Dougherty DATE Aug. 2000
(Air TAB Supervisor)

THE HYDRONIC DISTRIBUTION SYSTEMS HAVE BEEN TESTED & BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB TAB FIRM National Balancing Company, Inc.REG. NO. 2572 CERTIFIED BY Vincent P. Dougherty DATE Aug. 2000
(Hydronic TAB Supervisor)

SUBMITTED & CERTIFIED BY:

NEBB TAB FIRM National Balancing Company, Inc.TAB SUPERVISOR Vincent P. DoughertyREG. NO. 2572 SIGNATURE Vincent P. DoughertyDATE Aug. 2000 CERTIFICATION EXPIRATION DATE Dec. 2000

Page 1 of 79

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV-1</u>	FAN NO.	FAN NO. <u>HRV-1</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-3000</u>		<u>FV-3000</u>			
Serial Number	<u>19267/32497-000</u>		<u>19267/32497-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>WARATHEN/DP</u>		<u>LEESON/DP</u>			
Motor H.P./RPM/Frame	<u>2.0/1725/56H-80</u>		<u>2.0/1725/56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>3.1/1.15</u>		<u>3.1/1.15</u>			
Motor Sheave Make/Model	<u>BROWNING/AK3.5</u>		<u>BROWNING/1V4.4</u>			
Motor Sheave Diam./Bore	<u>AK3.5 / 5/8"</u>		<u>1V4.4 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>AK4.1 / 3/4"</u>		<u>AK4.1 / 3/4"</u>			
No. Belts/Make/Size	<u>1/POWER TWIST/9334</u>		<u>1/POWER TWIST/---</u>			
Sheave & Distance	<u>16 1/2"</u>		<u>14 1/2"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>2620</u>	<u>2601</u>			<u>2300</u>	<u>2240</u>
Fan RPM	<u>---</u>	<u>1341</u>			<u>---</u>	<u>1458</u>
S.P. In/Out	<u>---</u>	<u>1.79</u>			<u>---</u>	<u>0.83</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>0.85</u>
Voltage T_1, T_2, T_3	<u>460</u>	<u>470/468/470</u>			<u>460</u>	<u>470/470/470</u>
Amperage T_1, T_2, T_3	<u>3.1</u>	<u>2.7/2.8/2.5</u>			<u>3.1</u>	<u>2.9/3.0/3.0</u>

REMARKS: REVISEDTEST DATE April 2001 READINGS BY VTD/PB



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TAB 11-91
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SYSTEM HRV #1 Exhaust

TEST APPARATUS Digital Anemometer
Flouhrood

REMARKS: *REVISED*

TEST DATE APR 11 2001 READINGS BY VPO/PB



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #2</u>	FAN NO.	FAN NO. <u>HRV #2</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-3000</u>		<u>FV-3000</u>			
Serial Number	<u>19267/32401-000</u>		<u>19267/32401-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>LEESON / DP</u>		<u>LEESON / DP</u>			
Motor H.P./RPM/Frame	<u>1.5/1725/E56H</u>		<u>1.5/1725/E56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>2.8/1.15</u>		<u>2.8/1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK3.4</u>		<u>BROWNING / AK2.6</u>			
Motor Sheave Diam./Bore	<u>AK3.4 / 5/8"</u>		<u>AK2.6 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>4.5" o/p / 3/4"</u>		<u>AK3.5 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / Power twist / 9334</u>		<u>1 / Power twist / 9334</u>			
Sheave & Distance	<u>16 1/2"</u>		<u>14 1/2"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>2480</u>	<u>2416</u>			<u>2185</u>	<u>1995</u>
Fan RPM	<u>--</u>	<u>1232</u>			<u>--</u>	<u>1192</u>
S.P. In/Out	<u>--</u>	<u>1.52</u>			<u>--</u>	<u>0.39</u>
Total S.P.	<u>--</u>	<u>--</u>			<u>--</u>	<u>10.02</u>
Voltage T_1, T_2, T_3	<u>460</u>	<u>470/470/470</u>			<u>460</u>	<u>470/470/470</u>
Amperage T_1, T_2, T_3	<u>2.8</u>	<u>2.8/2.8/2.8</u>			<u>2.8</u>	<u>2.8/2.7/2.8</u>

REMARKS: NOTE: O/A BALANCE DAMPER JUMPED OUT TO RUN UNIT.

↑ HAS THIS BEEN CORRECTED?
Note: This has been corrected Per
Fritz Tesarek of SRS.

TEST DATE Aug 2000 READINGS BY VPD/MGD



PROJECT ROBERT B. JAGGARD School SYSTEM HRV² Supply
OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD

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REMARKS:

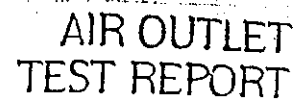
TEST DATE Aug 2000 READINGS BY VPO

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HRV #3</u>	FAN NO.	FAN NO. <u>HRV #3</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV 1000</u>		<u>FV 1000</u>			
Serial Number	<u>19267/32402-000</u>		<u>19267/32402-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>3/4 / 1625 / --</u>		<u>1/2 / 1625 / --</u>			
Volts/Phase/Hertz	<u>208 / 1 / 60</u>		<u>208 / 1 / 60</u>			
F.L. Amps/S.F.	<u>4.0 / --</u>		<u>2.8 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave ϕ Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>910</u>	<u>893</u>			<u>755</u>	<u>811</u>
Fan RPM	<u>--</u>	<u>DIRECT DRIVE</u>			<u>--</u>	<u>DIRECT DRIVE</u>
S.P. In/Out	<u>--</u>	<u>1.53</u>			<u>--</u>	<u>0.26</u>
Total S.P.	<u>--</u>	<u>--</u>			<u>--</u>	<u>0.27</u>
Voltage T_1, T_2, T_3	<u>208</u>	<u>208</u>			<u>208</u>	<u>208</u>
Amperage T_1, T_2, T_3	<u>4.0</u>	<u>2.6</u>			<u>2.8</u>	<u>2.1</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPO/RG



PROJECT ROBERT B. JAGGARD School SYSTEM HRV #3 SUPPLY
OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MJD

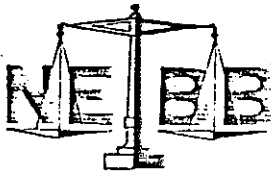


OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #4A</u>	FAN NO.	FAN NO. <u>HRV #4A</u>
Location	<u>ROOF</u>		<u>ROOF</u>
Service	<u>SUMMIT</u>		<u>EXHAUST</u>
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>
Model Number	<u>FV-2000</u>		<u>FV-2000</u>
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>
Motor Make/Style	<u>MACATHON / DP</u>		<u>LECSON / DP</u>
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>
TEST DATA		DESIGN ACTUAL	
CFM <u>AIR FLOW MON.</u>	<u>1515</u>	<u>1600</u>	<u>1515</u>
Fan RPM	--	<u>1460</u>	--
S.P. In/Out	--	<u>1.86</u>	--
Total S.P.	--	<u>1.62</u>	--
Voltage T_1, T_2, T_3	<u>460</u>	<u>460/460/460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>2.4</u>	<u>1.9/2.0/2.2</u>	<u>2.8</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MTO



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HRV #4B</u>	FAN NO.	FAN NO. <u>HRV #4B</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MACATHON 1DP</u>		<u>LEESON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 10 / 3/4"</u>		<u>AK3.9 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIRFLOW MONITOR</u>	<u>1515</u>	<u>1575</u>			<u>1515</u>	<u>1395</u>
Fan RPM	--	<u>CALC. 1460</u>			--	<u>CALC. 1280</u>
S.P. In/Out	--	<u>-1.45</u> <u>-0.21</u>			--	<u>-0.69</u> <u>-0.01</u>
Total S.P.	--	<u>1.74</u>			--	<u>0.70</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460/460/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.5/1.9/2.0</u>			<u>2.8</u>	<u>2.3/2.3/2.4</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY WPD/MJD



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

EST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV[#]4C</u>	FAN NO.	FAN NO. <u>HRV[#]4C</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAGATHON / DP</u>		<u>LESSON / DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / E 56 H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / D / 3/4"</u>		<u>AK3.9 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1625</u>			<u>1515</u>	<u>1458</u>
Fan RPM	<u>--</u>	<u>Calc. 1460</u>			<u>--</u>	<u>Calc. 1280</u>
S.P. In/Out	<u>--</u>	<u>1.72 / 0.22</u>			<u>--</u>	<u>0.67 / 0.02</u>
Total S.P.	<u>--</u>	<u>1.50</u>			<u>--</u>	<u>0.69</u>
Voltage <u>T₁-T₂ T₂-T₃ T₃-T₁</u>	<u>460</u>	<u>460/462/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage <u>T₁ T₂ T₃</u>	<u>2.4</u>	<u>2.0/2.1/2.0</u>			<u>2.8</u>	<u>2.4/2.7/2.6</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD

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TEST DATE AUG 2000 READINGS BY VPD/MJD

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV[#]40</u>	FAN NO.	FAN NO. <u>HRV[#]40</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MALCOLM 101</u>		<u>MELSON 101</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>Browning / AK-30</u>		<u>Browning AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1625</u>			<u>1515</u>	<u>1440</u>
Fan RPM	--	<u>CALL</u> <u>1460</u>			--	<u>CALL</u> <u>1280</u>
S.P. In/Out	--	<u>1.46</u> <u>-0.24</u>			--	<u>0.63</u> <u>-0.02</u>
Total S.P.	--	<u>1.72</u>			--	<u>0.65</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460/462/462</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.9/1.9/2.0</u>			<u>2.8</u>	<u>2.2/2.3/2.2</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MCTD



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #5</u>	FAN NO.	FAN NO. <u>HRV #5</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-1000</u>		<u>FV-1000</u>			
Serial Number	<u>19267/32404-000</u>		<u>19267/32404-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1625 / ---</u>		<u>3/4 / 1025 / ---</u>			
Volts/Phase/Hertz	<u>208 / 1 / 60</u>		<u>208 / 1 / 60</u>			
F.L. Amps/S.F.	<u>2.8 / ---</u>		<u>4.8 / ---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave ϕ Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>645</u>	<u>667</u>			<u>580</u>	<u>627</u>
Fan RPM	<u>---</u>	<u>DIRECT DRIVE</u>			<u>---</u>	<u>DIRECT DRIVE</u>
S.P. In/Out	<u>---</u>	<u>1.04</u>			<u>---</u>	<u>0.23</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>10.04</u>
Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>208</u>	<u>208</u>			<u>208</u>	<u>208</u>
Amperage T_1 T_2 T_3	<u>2.8</u>	<u>2.1</u>			<u>4.8</u>	<u>3.1</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MJD



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

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PROJECT ROBERT B. TAGGARD School

FAN DATA	FAN NO. <u>HRV #6</u>	FAN NO.	FAN NO. <u>HRV #6</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV 5000</u>		<u>FV 5000</u>			
Serial Number	<u>19267/32465-000</u>		<u>19267/32465-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MARATHON / DP</u>		<u>MARATHON / DP</u>			
Motor H.P./RPM/Frame	<u>3/1725/56HZ-106</u>		<u>3/1725/56HZ-106</u>			
Volts/Phase/Hertz	<u>208/3/60</u>		<u>208/3/60</u>			
F.L. Amps/S.F.	<u>9.2/1.15</u>		<u>9.2/1.15</u>			
Motor Sheave Make/Model	<u>Browning / BK4.0</u>		<u>Browning / BK4.5</u>			
Motor Sheave Diam./Bore	<u>BK4.0 / 7/8"</u>		<u>BK4.5 / 7/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>8.0" o/d / 1.0"</u>		<u>AK6.8 / 1.0"</u>			
No. Belts/Make/Size	<u>1/PowerTwist/9333</u>		<u>1/PowerTwist/9333</u>			
Sheave ϕ Distance	<u>18 1/4"</u>		<u>18 5/8"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>5000</u>	<u>4962</u>			<u>5000</u>	<u>4925</u>
Fan RPM	<u>---</u>	<u>1740</u>			<u>---</u>	<u>913</u>
S.P. In/Out	<u>---</u>	<u>-1.19</u>			<u>---</u>	<u>-0.30</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>-0.01</u>
Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>208</u>	<u>203/203/202</u>			<u>208</u>	<u>202/202/202</u>
Amperage T_1 T_2 T_3	<u>9.2</u>	<u>5.3/5.2/5.2</u>			<u>9.2</u>	<u>7.0/6.6/6.7</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD



OUTLET MANUFACTURER - - - - TEST APPARATUS DIGITAL ANEMOMETER

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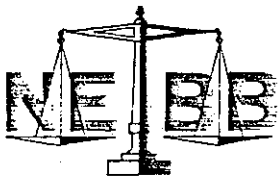


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REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. TAGGARD School

FAN DATA	FAN NO. <u>VHP-1</u>	FAN NO.	FAN NO.			
Location	<u>STORAGE 118</u>					
Service	<u>MULTI-PURPOSE 113</u>					
Manufacturer	<u>M^cQUAY</u>					
Model Number	<u>LDD290</u>					
Serial Number	<u>AUBAD35836</u>					
Type/Class	<u>VERTICAL WSHF</u>					
Motor Make/Style	<u>MAGNETEK / DP</u>					
Motor H.P./RPM/Frame	<u>7.5/1745/5213T</u>					
Volts/Phase/Hertz	<u>460/3/60</u>					
F.L. Amps/S.F.	<u>9.7/1.15</u>					
Motor Sheave Make/Model	<u>BROWNING 11KVP54B66</u>					
Motor Sheave Diam./Bore	<u>11KVP54B66 / 1 3/8"</u>					
Fan Sheave Make	<u>BROWNING</u>					
Fan Sheave Diam./Bore	<u>BK10.0 / 1 3/16"</u>					
No. Belts/Make/Size	<u>1/OPPI-BELT / BX65</u>					
Sheave & Distance	<u>21 1/2"</u>					
<u>FILTERS</u>	<u>(6) 20x25x1/TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>8000</u>	<u>7460</u>				
Fan RPM	<u>---</u>	<u>1112</u>				
S.P. In/Out	<u>---</u>	<u>0.54 +0.29</u>				
Total S.P.	<u>---</u>	<u>0.83</u>				
Voltage T_1, T_2, T_3	<u>460</u>	<u>480/480/480</u>				
Amperage T_1, T_2, T_3	<u>9.7</u>	<u>7.1/6.7/7.1</u>				

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD



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REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>RHP1-A</u>	FAN NO.	FAN NO. <u>RHP1-B</u>			
Location	<u>Roof</u>		<u>Roof</u>			
Service	<u>GYM</u>		<u>GYM</u>			
Manufacturer	<u>McQuay</u>		<u>McQuay</u>			
Model Number	<u>RWD0950</u>		<u>RWD0950</u>			
Serial Number	<u>000107101002</u>		<u>000107101003</u>			
Type/Class	<u>ROOFTOP/WSHP</u>		<u>ROOFTOP/WSHP</u>			
Motor Make/Style	<u>AOSmith/OPEN TP</u>		<u>AOSmith/OPEN TP</u>			
Motor H.P./RPM/Frame	<u>1 1/2/1725/56H</u>		<u>1 1/2/1725/56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460-3-60</u>			
F.L. Amps/S.F.	<u>2.3/1.15</u>		<u>2.3/1.15</u>			
Motor Sheave Make/Model	<u>Browning/---</u>		<u>Browning/---</u>			
Motor Sheave Diam./Bore	<u>4 3/4" Ø 1 5/8"</u>		<u>4 3/4" Ø 1 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>BK85/1.0"</u>		<u>BK85/1.0"</u>			
No. Belts/Make/Size	<u>1/BANDO/B-47</u>		<u>1/BANDO/B-47</u>			
Sheave ϕ Distance	<u>14 5/8"</u>		<u>14 3/4"</u>			
<u>FILTERS</u>	<u>(4) 14x25x1/TA</u>		<u>(4) 14x25x1/TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>3000</u>	<u>3190</u>			<u>3000</u>	<u>3235</u>
Fan RPM	<u>---</u>	<u>932</u>			<u>---</u>	<u>905</u>
S.P. In/Out	<u>---</u>	<u>-0.89</u> <u>+0.37</u>			<u>---</u>	<u>-0.41</u> <u>+0.42</u>
Total S.P.	<u>---</u>	<u>1.26</u>			<u>---</u>	<u>1.33</u>
Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>460</u>	<u>460/458/460</u>			<u>460</u>	<u>460/462/461</u>
Amperage T_1 T_2 T_3	<u>2.3</u>	<u>2.3/2.3/2.3</u>			<u>2.3</u>	<u>2.3/2.3/2.2</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY UPD/MTD



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT

ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>RHP-1-C</u>	FAN NO.	FAN NO. <u>RHP-1-D</u>			
Location	<u>Roof</u>		<u>Roof</u>			
Service	<u>GTM</u>		<u>GTM</u>			
Manufacturer	<u>M^cQuay</u>		<u>M^cQuay</u>			
Model Number	<u>RWD0950</u>		<u>RWD0950</u>			
Serial Number	<u>000107101001</u>		<u>000107101004</u>			
Type/Class	<u>ROOFTOP/WSHP</u>		<u>ROOFTOP/WSHP</u>			
Motor Make/Style	<u>AO Smith/Open TP</u>		<u>AO Smith/Open TP</u>			
Motor H.P./RPM/Frame	<u>1 1/2/1725/56H</u>		<u>1 1/2/1725/56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>2.3/1.15</u>		<u>2.3/1.15</u>			
Motor Sheave Make/Model	<u>Browning/---</u>		<u>Browning/---</u>			
Motor Sheave Diam./Bore	<u>4 3/4" o/d / 5/8"</u>		<u>4 3/4" o/d / 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>BK8.5/1.0"</u>		<u>BK8.5/1.0"</u>			
No. Belts/Make/Size	<u>1/BANDO/B-47</u>		<u>1/BANDO/B-47</u>			
Sheave ϕ Distance	<u>14 5/8"</u>		<u>14 5/8"</u>			
<u>FILTERS</u>	<u>(4) 14x25x1 TA</u>		<u>(4) 14x25x1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>3000</u>	<u>3210</u>			<u>3000</u>	<u>3260</u>
Fan RPM	<u>---</u>	<u>930</u>			<u>---</u>	<u>915</u>
S.P. In/Out	<u>---</u>	<u>0.93 10.45</u>			<u>---</u>	<u>0.90 10.39</u>
Total S.P.	<u>---</u>	<u>1.38</u>			<u>---</u>	<u>1.29</u>
Voltage $\begin{smallmatrix} T_1-T_2 & T_2-T_3 \\ T_3-T_1 \end{smallmatrix}$	<u>460</u>	<u>460/458/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.3</u>	<u>2.4/2.2/2.3</u>			<u>2.3</u>	<u>2.3/2.3/2.3</u>

REMARKS:

TEST DATE

Aug 2000

READINGS BY

VPD/MTD



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #48</u>	FAN NO.	FAN NO. <u>H.P. #48</u>			
Location	<u>ART Rm 128</u>		<u>Vocal music Rm 132</u>			
Service	<u>ART Rm 128</u>		<u>Vocal music Rm 132</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H048C</u>		<u>CC H048C</u>			
Serial Number	<u>AUBA022881</u>		<u>AUBA022882</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>GE/TP</u>		<u>GE/TP</u>			
Motor H.P./RPM/Frame	<u>3/4 1085/1470</u>		<u>3/4 1085/1470</u>			
Volts/Phase/Hertz	<u>460/1/60</u>		<u>460/1/60</u>			
F.L. Amps/S.F.	<u>2.5/---</u>		<u>2.5/---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>(2) 20 x 22 1/4 x 1/TA</u>		<u>(2) 20 x 22 1/4 x 1/TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1600</u>	<u>1745</u>			<u>1600</u>	<u>1730</u>
Fan RPM	<u>---</u>	<u>low SPD.</u>			<u>---</u>	<u>low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.43</u>			<u>---</u>	<u>-0.41</u>
Total S.P.	<u>---</u>	<u>0.71</u>			<u>---</u>	<u>0.71</u>
Voltage $T_1 T_2 T_3$	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage $T_1 T_2 T_3$	<u>2.5</u>	<u>1.8</u>			<u>2.5</u>	<u>1.9</u>

REMARKS:

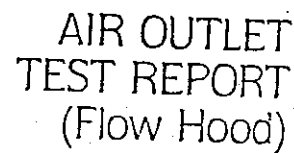
TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. TAGGARD School SYSTEM H.P.

OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS RM 145</u>		<u>CLASSROOM 146</u>			
Service	<u>CLASS RM 145</u>		<u>CLASSROOM 146</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA017026</u>		<u>AUBA017024</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>GE /TP</u>		<u>GE /TP</u>			
Motor H.P./RPM/Frame	<u>1/2 /1075 /2SP1--</u>		<u>1/2 /1075 /2SP1--</u>			
Volts/Phase/Hertz	<u>460 /1 /60</u>		<u>460 /1 /60</u>			
F.L. Amps/S.F.	<u>1.6 /--</u>		<u>1.6 /--</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 /34 7/8 x 1 /TA</u>		<u>17 3/8 /34 7/8 x 1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1280</u>			<u>1200</u>	<u>1260</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.50 /0.12</u>			<u>---</u>	<u>0.58 /0.15</u>
Total S.P.	<u>---</u>	<u>0.62</u>			<u>---</u>	<u>0.73</u>
Voltage T_1, T_2, T_3	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.0</u>

REMARKS:

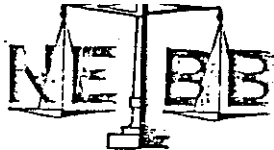
ST DATE AUG 2000 READINGS BY KPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS ROOM 147</u>		<u>CLASS RM 148</u>			
Service	<u>CLASS ROOM 147</u>		<u>CLASS RM 148</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA022781</u>		<u>AUBA017027</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / ¹⁰⁷⁵ 2SPD / --</u>		<u>1/2 / ¹⁰⁷⁵ 2SPD / --</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1245</u>			<u>1200</u>	<u>1260</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.37 / 0.16</u>			<u>---</u>	<u>0.38 / 0.15</u>
Total S.P.	<u>---</u>	<u>0.53</u>			<u>---</u>	<u>0.53</u>
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T ₁ T ₂ T ₃	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.0</u>

REMARKS:

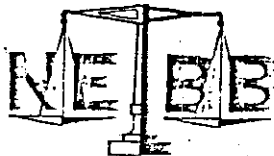
TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS RM 149</u>		<u>CLASS RM 153</u>			
Service	<u>CLASS RM 149</u>		<u>CLASS RM 153</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA022778</u>		<u>AUBA022780</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1075 / --</u>		<u>1/2 / 1075 / --</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>		<u>17 3/8 / 34 7/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1230</u>			<u>1200</u>	<u>1255</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.42 / +0.16</u>			<u>---</u>	<u>-0.40 / +0.20</u>
Total S.P.	<u>---</u>	<u>0.58</u>			<u>---</u>	<u>0.60</u>
Voltage T_1, T_2, T_3	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.1</u>

REMARKS:

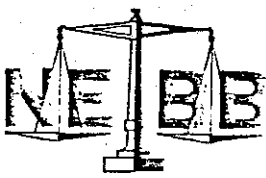
EST DATE AUG 2000 READINGS BY VPO/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P. 36</u>	FAN NO.	FAN NO.			
Location	<u>LIB/MEDIA 127</u>					
Service	<u>LIB/MEDIA 127</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>EC4D36C</u>					
Serial Number	<u>AUBA017025</u>					
Type/Class	<u>HORIZ / WSHF</u>					
Motor Make/Style	<u>GE / TP</u>					
Motor H.P./RPM/Frame	<u>1/2 / 1075 / 2550 / --</u>					
Volts/Phase/Hertz	<u>460 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.6 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17 3/8 x 34 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1220</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.46 / 0.13</u>				
Total S.P.	<u>---</u>	<u>0.59</u>				
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>460</u>	<u>460</u>				
Amperage ^{T₁ T₂ T₃}	<u>1.0</u>	<u>1.2</u>				

REMARKS:

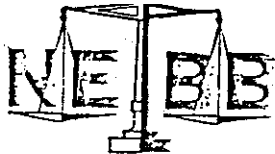
TEST DATE Aug 2000 READINGS BY RG/UPD



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #30</u>	FAN NO.	FAN NO. <u>H.P. #30</u>			
Location	<u>LIB/MEDIA 127</u>		<u>LIB/MEDIA 127</u>			
Service	<u>Rm 127, 214, 215</u>		<u>LIB/MEDIA 127</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H030C</u>		<u>CC H030C</u>			
Serial Number	<u>AUBA022671</u>		<u>AUBA022673</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO/1TP</u>		<u>FASCO/1TP</u>			
Motor H.P./RPM/Frame	<u>1/3 1100/860 2SPD/1--</u>		<u>1/3 1100/860 2SPD/1--</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>1.3/1--</u>		<u>1.3/1--</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 1/8 / 26 5/8 x 1 TA</u>		<u>17 1/8 / 26 5/8 x 1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1000</u>	<u>1005</u>			<u>1000</u>	<u>1070</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.33</u>			<u>---</u>	<u>0.39</u>
Total S.P.	<u>---</u>	<u>0.44</u>			<u>---</u>	<u>0.55</u>
Voltage T_1, T_2, T_3 T_3, T_1	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>1.3</u>	<u>1.3</u>			<u>1.3</u>	<u>1.3</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #30 LIB/MEDIA 127, 214, 215
OUTLET MANUFACTURER ----- TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. [#] <u>H.P. 30</u>	FAN NO.	FAN NO.			
Location	<u>EXISTING CLRM 22</u>					
Service	<u>EXISTING CLRM 22</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>CC4030L</u>					
Serial Number	<u>AUBA022670</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>1/3 / 1100/260 / --</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.3 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17 1/8 / 26 7/8 / X1 TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1000</u>	<u>1060</u>				
Fan RPM	<u>---</u>	<u>low SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.34 0.09</u>				
Total S.P.	<u>---</u>	<u>0.43</u>				
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>				
Amperage $T_1 T_2 T_3$	<u>1.3</u>	<u>1.3</u>				

REMARKS:

TEST DATE AUG 2000 READINGS BY RG/VAD

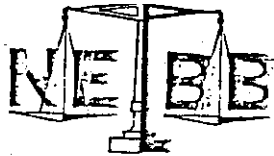


OUTLET MANUFACTURER TEST APPARATUS Flow hood

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REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #24</u>	FAN NO.	FAN NO. <u>HP #24</u>			
Location	<u>CL. RM 143</u>		<u>CL. RM 142</u>			
Service	<u>CL. RM 143</u>		<u>CL. RM 142</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H024C</u>		<u>CC H024C</u>			
Serial Number	<u>AUBA022628</u>		<u>AUBA022679</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO/1TP</u>		<u>FASCO/1TP</u>			
Motor H.P./RPM/Frame	<u>1/3 / 1100/860 / --</u>		<u>1/3 / 1100/860 / --</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>1.3 / --</u>		<u>1.3 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 1/2 x 26 3/8 x 1 / TA</u>		<u>17 1/2 x 26 3/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>800</u>	<u>860</u>			<u>800</u>	<u>865</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.38</u>
Total S.P.	<u>---</u>	<u>0.81</u>			<u>---</u>	<u>0.82</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>1.3</u>	<u>1.1</u>			<u>1.3</u>	<u>1.1</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VCD/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. [#] <u>H.P. 24</u>	FAN NO.	FAN NO.			
Location	<u>INST./MUSIC 133</u>					
Service	<u>INST./MUSIC 133</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>224024C</u>					
Serial Number	<u>AUBA022631</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>1/3 / 1100/360 / --</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.3 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17 1/8 x 26 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>800</u>	<u>849</u>				
Fan RPM	<u>---</u>	<u>Low SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.30 / 0.55</u>				
Total S.P.	<u>---</u>	<u>0.85</u>				
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>				
Amperage $T_1 T_2 T_3$	<u>1.3</u>	<u>1.0</u>				

REMARKS:

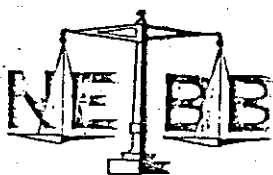
TEST DATE AUG 2000 READINGS BY RG/UPD



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HP #15</u>	FAN NO.	FAN NO. <u>HP #15</u>			
Location	<u>CL. RM 138</u>		<u>CL. RM 139</u>			
Service	<u>CL. RM 138</u>		<u>CL. RM 139</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 015C</u>		<u>CC H 015C</u>			
Serial Number	<u>AUBA022503</u>		<u>AUBA022501</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/570 / --</u>		<u>1/8 / 1075/570 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15 x 23 x 1 / TA</u>		<u>15 x 23 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>530</u>			<u>500</u>	<u>520</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.23 / 0.11</u>			<u>---</u>	<u>-0.11 / 0.19</u>
Total S.P.	<u>---</u>	<u>0.34</u>			<u>---</u>	<u>0.36</u>
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T ₁ T ₂ T ₃	<u>0.80</u>	<u>0.80</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPO/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL RM 140</u>		<u>CL RM 141</u>			
Service	<u>CL RM 140</u>		<u>CL RM 141</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H015C</u>		<u>CC H015C</u>			
Serial Number	<u>AUBA022505</u>		<u>AUBA022504</u>			
Type/Class	<u>Horiz./WSHP</u>		<u>Horiz./WSHP</u>			
Motor Make/Style	<u>FASCO 1TP</u>		<u>FASCO 1TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/970 / --</u>		<u>1/8 / 1075/970 / --</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1 /TA</u>		<u>15x23x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>540</u>			<u>500</u>	<u>530</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.22 / 0.13</u>			<u>---</u>	<u>0.17 / 0.17</u>
Total S.P.	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.36</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.80</u>	<u>0.80</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL Rm 150</u>		<u>CL Rm 152</u>			
Service	<u>CL Rm 150</u>		<u>CL Rm 152</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 015 C</u>		<u>CC H 015 C</u>			
Serial Number	<u>AUBA022499</u>		<u>AUBA022506</u>			
Type/Class	<u>HORIZ. / WSHP</u>		<u>HORIZ. / WSHP</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/970</u>		<u>1/8 / 1075/970</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15X23X1 / TA</u>		<u>15X23X1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>515</u>			<u>500</u>	<u>535</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.23 0.13</u>			<u>---</u>	<u>0.21 0.25</u>
Total S.P.	<u>---</u>	<u>0.36</u>			<u>---</u>	<u>0.46</u>
Voltage $\frac{T_1-T_2}{T_3-T_1}$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.80</u>	<u>0.85</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>HP #15</u>			
Location	<u>VEST. 210</u>		<u>VEST 211</u>			
Service	<u>VEST 210</u>		<u>VEST 211</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H015C</u>		<u>CC H015C</u>			
Serial Number	<u>AUBA022506</u>		<u>AUBA022500</u>			
Type/Class	<u>HORIZ. / WSHHP</u>		<u>HORIZ. / WSHHP</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/570 / --</u>		<u>1/8 / 1075/570 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1 / TA</u>		<u>15x23x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>520</u>			<u>500</u>	<u>545</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.26 / 0.22</u>			<u>---</u>	<u>0.28 / 0.21</u>
Total S.P.	<u>---</u>	<u>0.48</u>			<u>---</u>	<u>0.49</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.80</u>	<u>0.95</u>			<u>0.80</u>	<u>0.85</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #15 VEST 210 & 211
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #12</u>	FAN NO.	FAN NO. <u>HP #12</u>			
Location	<u>PE. OFFICE 134</u>		<u>EXIST CL. RM 20</u>			
Service	<u>134 & 135</u>		<u>EXIST. CL. RM 20</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC4012C</u>		<u>CC4012C</u>			
Serial Number	<u>AUBA022488</u>		<u>AUBA022451</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO 1TP</u>		<u>FASCO 1TP</u>			
Motor H.P./RPM/Frame	<u>1/8 1550/400</u>		<u>1/8 1550/400</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>0.65/---</u>		<u>0.65/---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1/TA</u>		<u>10/24x1/TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>400</u>	<u>415</u>			<u>400</u>	<u>390</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>HIGH SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.28</u> <u>+0.10</u>			<u>---</u>	<u>0.31</u> <u>+0.11</u>
Total S.P.	<u>---</u>	<u>0.38</u>			<u>---</u>	
Voltage T_1, T_2, T_3 T_3, T_1	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.65</u>	<u>0.50</u>			<u>0.65</u>	<u>0.75</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPO/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #12 Pms 134, 135 & 20
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #</u>	FAN NO.	FAN NO. <u>HP #</u>			
Location	<u>CORR 201 BxH 127</u>		<u>CORR 205 BxH 149</u>			
Service	<u>CORR. 201</u>		<u>CORR 205</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H009C</u>		<u>CC H009C</u>			
Serial Number	<u>AUBA022456</u>		<u>AUBA022446</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASEO / TP</u>		<u>FASEO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550 / 1400 / --</u>		<u>1/8 / 1550 / 1400 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>300</u>	<u>300</u>			<u>300</u>	<u>330</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.35 / 0.19</u>			<u>---</u>	<u>0.29 / 0.13</u>
Total S.P.	<u>---</u>	<u>0.54</u>			<u>---</u>	<u>0.42</u>
Voltage $T_1 T_2 T_3$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.65</u>	<u>0.60</u>			<u>0.65</u>	<u>0.55</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #09</u>	FAN NO.	FAN NO. <u>HP#09</u>			
Location	<u>Corr 209 by 6ym</u>		<u>Corr. 209 By 6ym</u>			
Service	<u>Corr 209</u>		<u>Corr 209</u>			
Manufacturer	<u>McQuay</u>		<u>McQuay</u>			
Model Number	<u>CC H009C</u>		<u>CC H009C</u>			
Serial Number	<u>AUBA022445</u>		<u>AUBA022444</u>			
Type/Class	<u>Horiz. /WSHP</u>		<u>Horiz. /WSHP</u>			
Motor Make/Style	<u>Fasco /TP</u>		<u>Fasco /TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550/1400 /--</u>		<u>1/8 / 1550/1400 /--</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 /TA</u>		<u>10x24x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>300</u>	<u>330</u>			<u>300</u>	<u>330</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.27</u> <u>+0.15</u>			<u>---</u>	<u>-0.27</u> <u>+0.13</u>
Total S.P.	<u>---</u>	<u>0.42</u>			<u>---</u>	<u>0.42</u>
Voltage $T_1 T_2 T_3$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.65</u>	<u>0.60</u>			<u>0.65</u>	<u>0.50</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flowbock

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>Storage 124</u>		<u>Storage 125</u>			
Service	<u>Storage 124</u>		<u>Storage 125</u>			
Manufacturer	<u>McQuay</u>		<u>McQuay</u>			
Model Number	<u>CC H007C</u>		<u>CC H007C</u>			
Serial Number	<u>AUBA022408</u>		<u>AUBA022407</u>			
Type/Class	<u>horiz. /WSHP</u>		<u>horiz. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 /TA</u>		<u>10x24x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>210</u>			<u>230</u>	<u>210</u>
Fan RPM	<u>---</u>	<u>low SPD.</u>			<u>---</u>	<u>low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.24 / 0.06</u>			<u>---</u>	<u>0.23 / 0.05</u>
Total S.P.	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.28</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>EXIST. Reading Rm 24</u>		<u>CORR 203 Bx Rm 125</u>			
Service	<u>EXIST. Reading Rm 24</u>		<u>CORR 203</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H007C</u>		<u>CC H007C</u>			
Serial Number	<u>AUBA022413</u>		<u>AUBA022406</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / 25PD / --</u>		<u>0.05 / 1550 / 25PD / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>215</u>			<u>230</u>	<u>230</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.22 / 0.05</u>			<u>---</u>	<u>0.24 / 0.10</u>
Total S.P.	<u>---</u>	<u>0.27</u>			<u>---</u>	<u>0.39</u>
Voltage $\frac{T_1-T_2}{T_3-T_1}$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VRD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #07 RM 24 x COR 20.3
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>HP#07</u>			
Location	<u>COAL 206 BYRM 146</u>		<u>COAL 206 BYRM 147</u>			
Service	<u>COAL 206</u>		<u>COAL 206</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022418</u>		<u>AUBA022410</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / ¹⁵⁵⁰2500 / --</u>		<u>0.05 / ¹⁵⁵⁰2500 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>250</u>			<u>230</u>	<u>235</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.23 0.07</u>			<u>---</u>	<u>0.21 0.15</u>
Total S.P.	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.36</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG

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REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #07</u>	FAN NO.	FAN NO. <u>HP #07</u>			
Location	<u>CORR 206 Bx RM 148</u>		<u>CORR. 201 Bx RM 128</u>			
Service	<u>CORR 206</u>		<u>CORR 201</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022420</u>		<u>AUBA022421</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10X24X1 / TA</u>		<u>10X24X1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>230</u>			<u>230</u>	<u>240</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.26 / 0.10</u>			<u>---</u>	<u>0.24 / 0.11</u>
Total S.P.	<u>---</u>	<u>0.36</u>			<u>---</u>	<u>0.35</u>
Voltage T_1, T_2, T_3 T_3, T_1	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.35</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

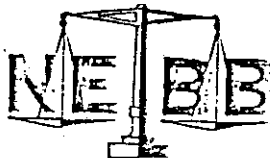
EST DATE AUG 2000 READINGS BY KPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAEGERD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>Corr 203 By Corr 205</u>		<u>Corr 205 By Rm 153</u>			
Service	<u>Corr 203</u>		<u>Corr 205</u>			
Manufacturer	<u>McQUAY</u>		<u>McQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022415</u>		<u>AUBA022418</u>			
Type/Class	<u>Horiz./WSHP</u>		<u>Horiz./WSHP</u>			
Motor Make/Style	<u>Fasco/TP</u>		<u>Fasco/TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>220</u>			<u>230</u>	<u>240</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.29 / 10.08</u>			<u>---</u>	<u>0.23 / 10.11</u>
Total S.P.	<u>---</u>	<u>0.37</u>			<u>---</u>	<u>0.34</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

EST DATE Aug 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>IDF ELCC Rm 137</u>		<u>CORR 206 BY Rm 137</u>			
Service	<u>IDF ELCC Rm 137</u>		<u>CORR 206 BY Rm 137</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBAO 22414</u>		<u>AUBAO 22416</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>220</u>			<u>230</u>	<u>235</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.28 / 0.07</u>			<u>---</u>	<u>0.23 / 0.09</u>
Total S.P.	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.34</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.35</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

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REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT ROBERT B. JAGGED SCHOOL

FAN DATA	FAN NO. [#] <u>H.P.07</u>	FAN NO.	FAN NO.			
Location	<u>CONN 208 BY GIRLS RM</u>					
Service	<u>CONN 208</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>EC4007C</u>					
Serial Number	<u>AUBAD 22409</u>					
Type/Class	<u>HORIZ / WSHF</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>0.05 / ¹⁵⁵⁰2500 / --</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>0.30 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>10x24x1 LEA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>225</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.27 +0.08</u>				
Total S.P.	<u>---</u>	<u>0.35</u>				
Voltage ^{T₁T₂ T₂T₃} _{T₃T₁}	<u>265</u>	<u>265</u>				
Amperage T ₁ T ₂ T ₃	<u>0.30</u>	<u>0.30</u>				

REMARKS:

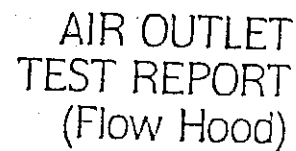
TEST DATE AUG 2000 READINGS BY RG/UPD



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School SYSTEM EXHAUST SYSTEMS 1,2,3

OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS: REVISED EF-2 (SCREW) WAS OBSTRUCTING DAMPER OPENING ^{now} CONNECTED

TEST DATE 1709 2000 READINGS BY VPD



CERT. No. 2572

NATIONAL BALANCING COMPANY, INC.

408 OAK AVENUE
CHERRY HILL, NJ 08002

(856) 667-5100 FAX (856) 667-1099

ROBERT B. JAGGARD SCHOOL

EVESHAM TOWNSHIP

HYDRONICS





PUMP TEST REPORT

PROJECT ROBERT B. FAGGARD School

DATA		PUMP NO. <u>LWP-1</u>	PUMP NO.	PUMP NO. <u>LWP-2</u>	PUMP NO.	PUMP NO.
DESIGN	Location	<u>MECH. Rm 144</u>		<u>MECH. Rm 144</u>		
	Service	<u>Loop Water Pump</u>		<u>Loop Water Pump</u>		
	Manufacturer	<u>Bell & Gossett</u>		<u>Bell & Gossett</u>		
	Model Number	<u>4BC9.5BF</u>		<u>4BC9.5BF</u>		
	Serial Number	<u>2194095</u>		<u>2194096</u>		
	GPM/Head	<u>546/80</u>		<u>546/80</u>		
	Req. NPSH	<u>---</u>		<u>---</u>		
	Pump RPM	<u>1800</u>		<u>1800</u>		
	Impeller Diam.	<u>9.5</u>		<u>9.5</u>		
	Motor Mfr./Frame	<u>1/5 ELECTRIC/PSHT</u>		<u>1/5 ELECTRIC/PSHT</u>		
	Motor HP/RPM	<u>15.0/1770</u>		<u>15.0/1770</u>		
	Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>		
	F.L. Amps/S.F.	<u>19.0/1.15</u>		<u>19.0/1.15</u>		
	Seal Type	<u>STANDARD</u>		<u>STANDARD</u>		
ACTUAL	Pump Off-Press.	<u>0</u>		<u>0</u>		
	Valve Shut Diff.	<u>38 PSI / 88'</u>		<u>38 PSI / 88'</u>		
	Act. Impeller Diam.	<u>9.5"</u>		<u>9.5"</u>		
	Valve Open Diff.	<u>33 PSI / 76'</u>		<u>33 PSI / 76'</u>		
	Valve Open GPM	<u>670</u>		<u>670</u>		
	Final Dischg. Press.	<u>59.0 PSI</u>		<u>59.0 PSI</u>		
	Final Suction Press.	<u>24.0 PSI</u>		<u>24.0 PSI</u>		
	Final Δ P	<u>35.0 PSI</u>		<u>35.0 PSI</u>		
	Final GPM	<u>550</u>		<u>550</u>		
	Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>488/486/488</u>		<u>488/488/488</u>		
	Amperage T_1 T_2 T_3	<u>15.0/15.6/15.0</u>		<u>15.0/15.6/15.0</u>		

REMARKS:

TEST DATE OCT/2000 READINGS BY VPO



LOCATION Evesham Township.

REMARKS:

8.27



PUMP TEST REPORT

PROJECT

ROBERT B. JAGGED School

	DATA	PUMP NO. <u>CWF-1</u>	PUMP NO.	PUMP NO. <u>CWF-2</u>	PUMP NO.	PUMP NO.
DESIGN	Location	<u>MECH RM. 144</u>		<u>MECH RM. 144</u>		
	Service	<u>CONDENSER WATER</u>		<u>CONDENSER WATER</u>		
	Manufacturer	<u>TRU & GOSSETT</u>		<u>TRU & GOSSETT</u>		
	Model Number	<u>4B18-125BF</u>		<u>4B18-125BF</u>		
	Serial Number	<u>2194101</u>		<u>2194102</u>		
	GPM/Head	<u>516/55</u>		<u>516/55</u>		
	Req. NPSH	<u>---</u>		<u>---</u>		
	Pump RPM	<u>1800</u>		<u>1800</u>		
	Impeller Diam.	<u>8.125</u>		<u>8.125</u>		
	Motor Mfr./Frame	<u>MARATHON/254T</u>		<u>MARATHON/254T</u>		
	Motor HP/RPM	<u>15.0/1760</u>		<u>15.0/1760</u>		
	Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>		
	F.L. Amps/S.F.	<u>19.2/1.15</u>		<u>19.2/1.15</u>		
	Seal Type	<u>STANDARD</u>		<u>STANDARD</u>		
ACTUAL	Pump Off-Press.	<u>0</u>		<u>0</u>		
	Valve Shut Diff.	<u>26.4 PSI/61'</u>		<u>26.4 PSI/61'</u>		
	Act. Impeller Diam.	<u>8.125"</u>		<u>8.125"</u>		
	Valve Open Diff.	<u>18.4 PSI/42.5'</u>		<u>18.4 PSI/42.5'</u>		
	Valve Open GPM	<u>700</u>		<u>700</u>		
	Final Dischg. Press.	<u>25.5</u>		<u>25.5</u>		
	Final Suction Press.	<u>2.0</u>		<u>2.0</u>		
	Final Δ P	<u>23.5</u>		<u>23.5</u>		
	Final GPM	<u>520</u>		<u>520</u>		
	Voltage T_1-T_2 T_2-T_3 T_3-T_1	<u>488/488/488</u>		<u>488/488/488</u>		
	Amperage T_1 T_2 T_3	<u>13.4/13.2/13.7</u>		<u>13.3/13.2/13.3</u>		

REMARKS:

TEST DATE

OCT 2000

READINGS BY

VPO



SYSTEM/UNIT: CONDENSER WATER

LOCATION Evesham Township

REMARKS:

TEST DATE OCT 2000 READINGS BY UPD



PUMP TEST REPORT

PROJECT ROBERT B. TAGGARD School

DATA		PUMP NO. ①	PUMP NO.	PUMP NO. ②	PUMP NO.	PUMP NO.
DESIGN	Location	EXIST. BOUCHER BR		EXIST. BOUCHER BR		
	Service	HOT WATER		HOT WATER		
	Manufacturer	MILL & GOSSETT		MILL & GOSSETT		
	Model Number	28C7 7/8 BFL99		28C7 7/8 BFL99		
	Serial Number	2180093		2180092		
	GPM/Head	120/50		120/50		
	Req. NPSH	---		---		
	Pump RPM	1755		1755		
	Impeller Diam.	7 7/8		7 7/8		
	Motor Mfr./Frame	GE/182T		GE/182T		
	Motor HP/RPM	3/1755		3/1755		
	Volts/Phase/Hertz	230/3/60		230/3/60		
	F.L. Amps/S.F.	7.8/1.15		7.8/1.15		
	Seal Type	STANDARD		STANDARD		
ACTUAL	Pump Off-Press.	0		0		
	Valve Shut Diff.	28 PSI/65'		28 PSI/65'		
	Act. Impeller Diam.	7 7/8"		7 7/8"		
	Valve Open Diff.	23 PSI/53'		23 PSI/53'		
	Valve Open GPM	175		175		
	Final Dischg. Press.	39.2 PSI		39.2 PSI		
	Final Suction Press.	13.2 PSI		13.2 PSI		
	Final Δ P	26.0 PSI		26.0 PSI		
	Final GPM	125		125		
	Voltage $\frac{T_1-T_2}{T_3-T_1}$	208/208/208		208/208/208		
	Amperage $T_1 T_2 T_3$	7.5/7.6/7.8		7.5/7.5/7.8		

REMARKS:

TEST DATE OCT 2000 READINGS BY WPS

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TEST DATE OCT 2000 READINGS BY VLD

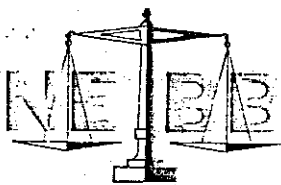


SYSTEM/UNIT UNIT heaters

LOCATION Evesham Township

REMARKS:

TEST DATE 1 OCT 2000 READINGS BY WPD



BALANCE VALVE/FLOW METER TEST REPORT

PROJECT ROBERT B. TAGGARD School

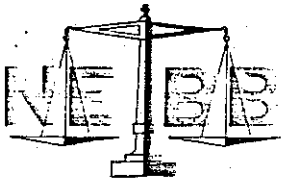
SYSTEM/UNIT Heat Pump Loop

LOCATION Evansham Township

SERVICE OR DESIGNATION	SIZE	MODEL	DESIGN GPM (l/s)	ACTUAL VALVE SETPOINT (DEGREE)	ACTUAL VALVE P.D. P.S.I.	ACTUAL GPM (l/s)	NOTES
STORAGE 118	1 1/2	GRISWOLD	50.0	Auto Balancing	6.0	50.0	VHP-1
GYMNASIUM			24.0		6.0	24.0	RHP-1A
					8.0	24.0	RHP-1B
					7.0	24.0	RHP-1C
GYMNASIUM	1 1/2		24.0		9.0	24.0	RHP-1D
ART Rm C-128	3/4		9.6		9.0	9.6	HP-48
VOCAL C-132			9.6		6.0	9.6	HP-48
C-145			7.5		9.0	7.5	HP-36
C-146					11.0	7.5	
C-147					13.0	7.5	
C-148					13.0	7.5	
C-149					14.0	7.5	
Lib. C-127					12.0	7.5	
C-153			7.5		10.0	7.5	HP-36
Lib. C-127			6.0		9.5	6.0	HP-30
Lib. C-127			6.0		10.0	6.0	HP-30
EX. C-22			6.0		10.0	6.0	HP-30
C-143			5.0		8.0	5.0	HP-24
C-142			5.0		13.0	5.0	HP-24
MUSIC C-133	3/4		5.0		11.0	5.0	HP-24
C-141	1/2		2.7		13.0	2.7	HP-15
C-140	1/2		2.7		13.0	2.7	HP-15
C-139	1/2	GRISWOLD	2.7	Auto Balancing	9.0	2.7	HP-15

REMARKS:

TEST DATE OCT 2000 READINGS BY L2PD



BALANCE VALVE/FLOW METER TEST REPORT

PROJECT ROBERT B. JAGGARD

SYSTEM/UNIT Heat Pump Loop

LOCATION Eversham Township

SERVICE OR DESIGNATION	SIZE	MODEL	DESIGN GPM (l/s)	ACTUAL VALVE SETPOINT (DEGREE)	ACTUAL VALVE PD.	ACTUAL GPM (l/s)	NOTES
C-138	1/2	GRISWOLD	2.7	AUTO BALANCING	10.0	2.7	HP-15
C-150					12.0	2.7	
C-152					8.0	2.7	
VEST C-211					7.0	2.7	
1/2 Vest C-210			2.7		14.0	2.7	HP-15
1/2 C-134			2.6		10.0	2.6	HP-12
E. C-20			2.6		9.0	2.6	HP-12
Coil 201			1.8		14.0	1.8	HP-09
Coil 205			1.8		13.0	1.8	HP-09
Coil 209			1.8		15.0	1.8	HP-09
Coil 209 (BY)			1.8		15.0	1.8	HP-09
Coil 206 (C-145)			1.4		12.0	1.4	HP-07
Coil 206 (C-147)					6.0	1.4	
Coil 206 (C-148)					6.0	1.4	
Coil 203					15.0	1.4	
Coil 201 (C-128)					15.0	1.4	
Coil 205					16.0	1.4	
Coil 203 (C-201)					13.0	1.4	
Coil 206					15.0	1.4	
IDF 137					14.0	1.4	
Coil 206 (GRISWOLD)					15.0	1.4	
C-101					14.0	1.4	
C-100	1/2	GRISWOLD	1.4	AUTO BALANCING	10.0	1.4	HP-07

REMARKS:

TEST DATE OCT 2000 READINGS BY VPD



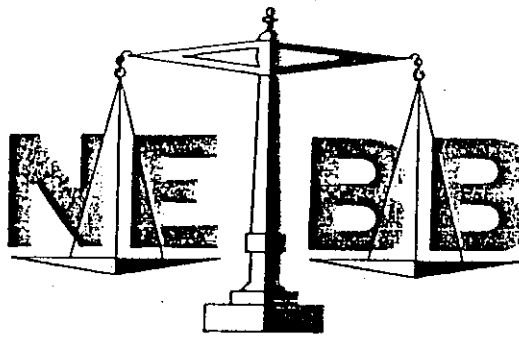
SYSTEM/UNIT Heat Pump Loop

LOCATION Freshman Township

REMARKS:

TEST DATE UET 2000

READINGS BY VPD



CERTIFIED TEST, ADJUST, AND BALANCE REPORT

DATE May 2001

PROJECT Robert B. Jaggard School

ADDRESS Evesham Township

Burlington County, New Jersey

ARCHITECT Wayne Allan Neville, AIA

West Berlin, New Jersey

ENGINEER EMC Consulting Engineers, Inc.

Cinnaminson, New Jersey

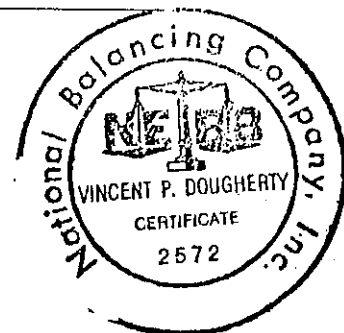
HVAC CONTRACTOR B and S Sheetmetal Mechanical

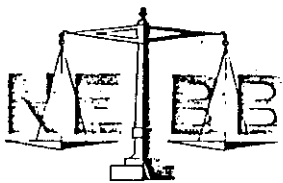
Morrisville, PA

NEBB TAB FIRM National Balancing Company, Inc.

ADDRESS 408 Oak Ave.

Cherry Hill, NJ 08002





CERTIFICATION

PROJECT Robert B. Jaggard School
ADDRESS Evesham Township
Burlington County, New Jersey

THE DATA PRESENTED IN THIS REPORT IS AN EXACT RECORD OF SYSTEM PERFORMANCE AND WAS OBTAINED IN ACCORDANCE WITH NEBB STANDARD PROCEDURES. ANY VARIANCES FROM DESIGN QUANTITIES WHICH EXCEED NEBB TOLERANCES ARE NOTED THROUGHOUT THIS REPORT.

THE AIR DISTRIBUTION SYSTEMS HAVE BEEN TESTED & BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB TAB FIRM National Balancing Company, Inc.

REG. NO. 2572 CERTIFIED BY Vincent P. Dougherty DATE Aug. 2000
(Air TAB Supervisor)

THE HYDRONIC DISTRIBUTION SYSTEMS HAVE BEEN TESTED & BALANCED AND FINAL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB "PROCEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OF ENVIRONMENTAL SYSTEMS" AND THE PROJECT SPECIFICATIONS.

NEBB TAB FIRM National Balancing Company, Inc.

REG. NO. 2572 CERTIFIED BY Vincent P. Dougherty DATE Aug. 2000
(Hydronic TAB Supervisor)

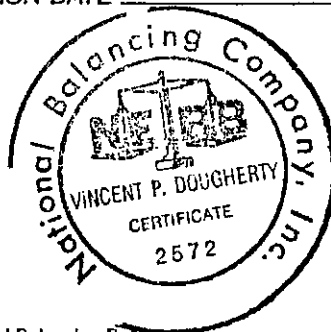
SUBMITTED & CERTIFIED BY:

NEBB TAB FIRM National Balancing Company, Inc.

TAB SUPERVISOR Vincent P. Dougherty

REG. NO. 2572 SIGNATURE Vincent P. Dougherty

DATE Aug. 2000 CERTIFICATION EXPIRATION DATE Dec. 2000

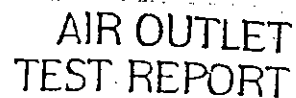


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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV-1</u>	FAN NO.	FAN NO. <u>HRV-1</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-3000</u>		<u>FV-3000</u>			
Serial Number	<u>19267/32497-000</u>		<u>19267/32497-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAKATHER/DP</u>		<u>LEESON/DP</u>			
Motor H.P./RPM/Frame	<u>2.0/1725/56H-80</u>		<u>2.0/1725/ 56-H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>3.1/1.15</u>		<u>3.1/1.15</u>			
Motor Sheave Make/Model	<u>BROWNING/AK3.5</u>		<u>BROWNING/1V4.4</u>			
Motor Sheave Diam./Bore	<u>AK3.5 / 5/8"</u>		<u>1V4.4 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>AK4.1 / 3/4"</u>		<u>AK4.1 / 3/4"</u>			
No. Belts/Make/Size	<u>1/PowerTwist/4334</u>		<u>1/PowerTwist/---</u>			
Sheave & Distance	<u>16 1/2"</u>		<u>14 1/2"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>2620</u>	<u>2601</u>			<u>2300</u>	<u>2240</u>
Fan RPM	<u>---</u>	<u>1341</u>			<u>---</u>	<u>1458</u>
S.P. In/Out	<u>---</u>	<u>1.70</u>			<u>---</u>	<u>0.83</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>0.85</u>
Voltage T_1, T_2, T_3	<u>460</u>	<u>470/468/470</u>			<u>460</u>	<u>470/470/470</u>
Amperage T_1, T_2, T_3	<u>3.1</u>	<u>2.7/2.8/2.5</u>			<u>3.1</u>	<u>2.9/3.0/3.0</u>

REMARKS: REVISEDEST DATE April 2001 READINGS BY VJD/PB



PROJECT ROBERT B. JAGGARD School SYSTEM HRV 1 SUPPLY

OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TEST DATE AUG 2000 READINGS BY VPO/MJD

AIR OUTLET TEST REPORT



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #2</u>	FAN NO.	FAN NO. <u>HRV #2</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-3000</u>		<u>FV-3000</u>			
Serial Number	<u>19267/32401-000</u>		<u>19267/32401-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>LEESON / DP</u>		<u>LEESON / DP</u>			
Motor H.P./RPM/Frame	<u>1.5/1725/E56H</u>		<u>1.5/1725/E56H</u>			
Volts/Phase/Hertz	<u>460/3/60</u>		<u>460/3/60</u>			
F.L. Amps/S.F.	<u>2.8/1.15</u>		<u>2.8/1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK3.4</u>		<u>BROWNING / AK2.6</u>			
Motor Sheave Diam./Bore	<u>AK3.4 / 5/8"</u>		<u>AK2.6 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>4.5" O/D / 3/4"</u>		<u>AK3.5 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave Φ Distance	<u>16 1/2"</u>		<u>14 1/2"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>2480</u>	<u>2416</u>			<u>2185</u>	<u>1995</u>
Fan RPM	<u>--</u>	<u>1232</u>			<u>--</u>	<u>1192</u>
S.P. In/Out	<u>--</u>	<u>-1.52</u>			<u>--</u>	<u>-0.37</u>
Total S.P.	<u>--</u>	<u>---</u>			<u>--</u>	<u>-0.02</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>470/470/470</u>			<u>460</u>	<u>470/470/470</u>
Amperage $T_1 T_2 T_3$	<u>2.8</u>	<u>2.8/2.8/2.8</u>			<u>2.8</u>	<u>2.8/2.7/2.8</u>

REMARKS: NOTE: O/A BALANCE DAMPER JUMPED OUT TO RUN UNIT.TEST DATE Aug 2000 READINGS BY VPD/MTO



PROJECT ROBERT B. JAGGARD School SYSTEM HRV[#] 2 Supply
OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

DATE Aug 2000 READINGS BY VPD/MJD



OUTLET MANUFACTURER TITUS TEST APPARATUS Flowhood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #3</u>	FAN NO.	FAN NO. <u>HRV #3</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV 1000</u>		<u>FV 1000</u>			
Serial Number	<u>19267/32402-000</u>		<u>19267/32402-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>3/4 / 1625 / --</u>		<u>1/2 / 1625 / --</u>			
Volts/Phase/Hertz	<u>208 / 1 / 60</u>		<u>208 / 1 / 60</u>			
F.L. Amps/S.F.	<u>4.0 / --</u>		<u>2.8 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>910</u>	<u>893</u>			<u>755</u>	<u>811</u>
Fan RPM	<u>--</u>	<u>DIRECT DRIVE</u>			<u>--</u>	<u>DIRECT DRIVE</u>
S.P. In/Out	<u>--</u>	<u>1.53</u>			<u>--</u>	<u>0.26</u>
Total S.P.	<u>--</u>	<u>--</u>			<u>--</u>	<u>0.01</u>
Voltage $\frac{T_1 T_2}{T_3 T_1}$	<u>208</u>	<u>208</u>			<u>208</u>	<u>208</u>
Amperage $T_1 T_2 T_3$	<u>4.0</u>	<u>2.6</u>			<u>2.8</u>	<u>2.1</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

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REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MJD



OUTLET MANUFACTURER - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

PAGE 10 OF 29
8.16



FAN TEST REPORT

PROJECT ROBERT D. JAGGARD School

FAN DATA	FAN NO. <u>HRV#4A</u>	FAN NO.	FAN NO. <u>HRV#4A</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAGNATHON/DI</u>		<u>LESSON/DI</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / E56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 19334</u>		<u>1 / PowerTwist / 19334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MON.</u>	<u>1515</u>	<u>1600</u>			<u>1515</u>	<u>1395</u>
Fan RPM	--	<u>1460</u>			--	<u>1280</u>
S.P. In/Out	--	<u>1.86</u>			--	<u>0.63</u>
Total S.P.	--	<u>1.62</u>			--	<u>0.65</u>
Voltage $\frac{T_1-T_2}{T_3-T_1}$	<u>460</u>	<u>460/460/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.9/2.0/2.2</u>			<u>2.8</u>	<u>2.6/2.6/2.5</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/M-TD



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TAB 11-91
* Copyright, 1911-1920



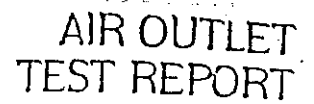
FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #4B</u>	FAN NO.	FAN NO. <u>HRV #4B</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAGATHON 1DP</u>		<u>ELSON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>			
No. Belts/Make/Size	<u>1 / POWER TWIST / 9334</u>		<u>1 / POWER TWIST / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1525</u>			<u>1515</u>	<u>1395</u>
Fan RPM	--	<u>CALC. 1460</u>			--	<u>CALC. 1280</u>
S.P. In/Out	--	<u>-1.95</u>			--	<u>-0.64</u>
Total S.P.	--	<u>1.74</u>			--	<u>10.01</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460/460/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.9/1.9/2.0</u>			<u>2.8</u>	<u>2.3/2.3/2.4</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MTD



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANALOG MTR

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV[#]4C</u>	FAN NO.	FAN NO. <u>HRV[#]4C</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MAGATHON 1DP</u>		<u>LEXSON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / E 56 H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 1 3/4"</u>		<u>AK3.9 / 1 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 9334</u>		<u>1 / PowerTwist / 9334</u>			
Sheave & Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1625</u>			<u>1515</u>	<u>14.58</u>
Fan RPM	<u>--</u>	<u>CALC. 1460</u>			<u>--</u>	<u>CALC. 1280</u>
S.P. In/Out	<u>--</u>	<u>1.72 / 0.72</u>			<u>--</u>	<u>0.67 / 0.62</u>
Total S.P.	<u>--</u>	<u>1.50</u>			<u>--</u>	<u>0.69</u>
Voltage <u>T₁ T₂ T₃ T₃ T₁</u>	<u>460</u>	<u>460/462/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage <u>T₁ T₂ T₃</u>	<u>2.4</u>	<u>2.0/2.1/2.0</u>			<u>2.8</u>	<u>2.4/2.7/2.6</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VLD/mtd



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANALOG METER

REMARKS:

ST DATE AUG 2000 READINGS BY WPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HRV[#]40</u>	FAN NO.	FAN NO. <u>HRV[#]40</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUMMIT</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-2000</u>		<u>FV-2000</u>			
Serial Number	<u>19267/32403-000</u>		<u>19267/32403-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MACARTHUR 1DP</u>		<u>LEESON 1DP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56-70</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 / 3 / 60</u>			
F.L. Amps/S.F.	<u>2.4 / 1.15</u>		<u>2.8 / 1.15</u>			
Motor Sheave Make/Model	<u>BROWNING / AK-30</u>		<u>BROWNING AK2.8</u>			
Motor Sheave Diam./Bore	<u>AK3.0 / 5/8"</u>		<u>AK2.8 / 5/8"</u>			
Fan Sheave Make	<u>BROWNING</u>		<u>BROWNING</u>			
Fan Sheave Diam./Bore	<u>3.50 / 10 / 3/4"</u>		<u>AK3.9 / 3/4"</u>			
No. Belts/Make/Size	<u>1 / PowerTwist / 19334</u>		<u>1 / PowerTwist / 19334</u>			
Sheave Φ Distance	<u>15 1/8"</u>		<u>5 1/4"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM <u>AIR FLOW MONITOR</u>	<u>1515</u>	<u>1625</u>			<u>1515</u>	<u>1440</u>
Fan RPM	<u>- -</u>	<u>CALC. 1460</u>			<u>- -</u>	<u>CALC. 1280</u>
S.P. In/Out	<u>- -</u>	<u>-1.96 / -0.24</u>			<u>- -</u>	<u>-0.63 / -0.02</u>
Total S.P.	<u>- -</u>	<u>1.72</u>			<u>- -</u>	<u>0.65</u>
Voltage $T_1 T_2 T_3 T_1$	<u>460.</u>	<u>460/462/462</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.4</u>	<u>1.9/1.9/2.0</u>			<u>2.8</u>	<u>2.2/2.3/2.2</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY 1/PD/MCTD



PROJECT ROBERT B. JAGGER School SYSTEM HRV #40 Exhaust
OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

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REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV #5</u>	FAN NO.	FAN NO. <u>HRV #5</u>			
Location	<u>ROOF</u>		<u>ROOF</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV-1000</u>		<u>FV-1000</u>			
Serial Number	<u>19267/32404-000</u>		<u>19267/32404-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1625 / ---</u>		<u>3/4 / 1075 / ---</u>			
Volts/Phase/Hertz	<u>208 / 1 / 60</u>		<u>208 / 1 / 60</u>			
F.L. Amps/S.F.	<u>2.8 / ---</u>		<u>4.8 / ---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>645</u>	<u>667</u>			<u>580</u>	<u>627</u>
Fan RPM	<u>---</u>	<u>DIRECT DRIVE</u>			<u>---</u>	<u>DIRECT DRIVE</u>
S.P. In/Out	<u>---</u>	<u>1.04</u>			<u>---</u>	<u>0.23</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>0.27</u>
Voltage T_1, T_2, T_3	<u>208</u>	<u>208</u>			<u>208</u>	<u>208</u>
Amperage T_1, T_2, T_3	<u>2.8</u>	<u>2.1</u>			<u>4.8</u>	<u>3.1</u>

REMARKS:

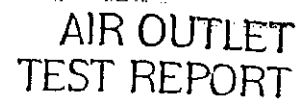
TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER _____ TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TAB 11-91
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REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/MTD



PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>HRV#6</u>	FAN NO.	FAN NO. <u>HRV#6</u>			
Location	<u>ROOF</u>		<u>Roof</u>			
Service	<u>SUPPLY</u>		<u>EXHAUST</u>			
Manufacturer	<u>SEMCO</u>		<u>SEMCO</u>			
Model Number	<u>FV 5000</u>		<u>FV 5000</u>			
Serial Number	<u>19267/32405-000</u>		<u>19267/32405-000</u>			
Type/Class	<u>HRV UNIT</u>		<u>HRV UNIT</u>			
Motor Make/Style	<u>MALATHON/DP</u>		<u>MALATHON/DP</u>			
Motor H.P./RPM/Frame	<u>3/1725/56HZ-106</u>		<u>3/1725/56HZ-106</u>			
Volts/Phase/Hertz	<u>208/3/60</u>		<u>208/3/60</u>			
F.L. Amps/S.F.	<u>9.2/1.15</u>		<u>9.2/1.15</u>			
Motor Sheave Make/Model	<u>Browning/BK4.0</u>		<u>Browning/BK4.5</u>			
Motor Sheave Diam./Bore	<u>BK4.0 / 7/8"</u>		<u>BK4.5 / 7/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>8.0" o/d / 1.0"</u>		<u>AK6.8 / 1.0"</u>			
No. Belts/Make/Size	<u>1/PowerTwist/9333</u>		<u>1/PowerTwist/9333</u>			
Sheave ϕ Distance	<u>18 1/4"</u>		<u>18 5/8"</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>5000</u>	<u>4962</u>			<u>5000</u>	<u>4725</u>
Fan RPM	<u>---</u>	<u>740</u>			<u>---</u>	<u>913</u>
S.P. In/Out	<u>---</u>	<u>-1.14</u>			<u>---</u>	<u>-0.30</u>
Total S.P.	<u>---</u>	<u>---</u>			<u>---</u>	<u>+0.01</u>
Voltage $T_1 T_2 T_3$	<u>208</u>	<u>203/203/202</u>			<u>208</u>	<u>202/202/202</u>
Amperage $T_1 T_2 T_3$	<u>9.2</u>	<u>5.3/5.2/5.2</u>			<u>9.2</u>	<u>7.0/6.6/6.7</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TAB 11-91
* Classified by N1 143 1000



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>VHP-1</u>	FAN NO.	FAN NO.			
Location	<u>STORAGE 118</u>					
Service	<u>MULTI-PURPOSE 113</u>					
Manufacturer	<u>M^CQUAY</u>					
Model Number	<u>LDD290</u>					
Serial Number	<u>AUBAD35836</u>					
Type/Class	<u>VOLTLICE / WSHR</u>					
Motor Make/Style	<u>MAGNETEK / DP</u>					
Motor H.P./RPM/Frame	<u>7.5 / 1745 / 5213T</u>					
Volts/Phase/Hertz	<u>460 / 3 / 60</u>					
F.L. Amps/S.F.	<u>9.7 / 1.15</u>					
Motor Sheave Make/Model	<u>BROWNING / 11VPS4B66</u>					
Motor Sheave Diam./Bore	<u>11VPS4B66 / 1 3/8"</u>					
Fan Sheave Make	<u>BROWNING</u>					
Fan Sheave Diam./Bore	<u>BK10.0 / 1 3/16"</u>					
No. Belts/Make/Size	<u>1 / OPTI-BELT / BX65</u>					
Sheave ϕ Distance	<u>21 1/2"</u>					
<u>FILTERS</u>	<u>(6) 20x25x1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>8000</u>	<u>7460</u>				
Fan RPM	<u>---</u>	<u>1112</u>				
S.P. In/Out	<u>---</u>	<u>0.54 / 0.29</u>				
Total S.P.	<u>---</u>	<u>0.83</u>				
Voltage T_1, T_2, T_3	<u>460</u>	<u>480 / 480 / 480</u>				
Amperage T_1, T_2, T_3	<u>9.7</u>	<u>7.1 / 6.7 / 7.1</u>				

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD

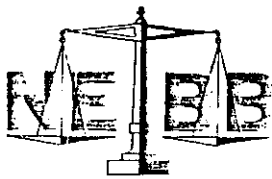


PROJECT ROBERT B. JAGGARD School SYSTEM V.H.P. #1 Supply

OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY WPO/RG



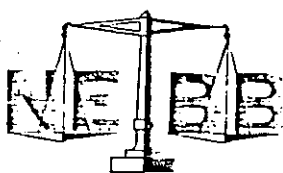
FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>RHP1-A</u>	FAN NO.	FAN NO. <u>RHP1-B</u>			
Location	<u>Roof</u>		<u>Roof</u>			
Service	<u>GYM</u>		<u>GYM</u>			
Manufacturer	<u>McQuay</u>		<u>McQuay</u>			
Model Number	<u>RWD0950</u>		<u>RWD0950</u>			
Serial Number	<u>000107101002</u>		<u>000107101003</u>			
Type/Class	<u>ROOFTOP/W5HP</u>		<u>ROOFTOP/W5HP</u>			
Motor Make/Style	<u>AOSmith/OPEN TP</u>		<u>AOSmith/OPEN TP</u>			
Motor H.P./RPM/Frame	<u>1 1/2 / 1725 / 56H</u>		<u>1 1/2 / 1725 / 56H</u>			
Volts/Phase/Hertz	<u>460 / 3 / 60</u>		<u>460 - 3 - 60</u>			
F.L. Amps/S.F.	<u>2.3 / 1.15</u>		<u>2.3 / 1.15</u>			
Motor Sheave Make/Model	<u>Browning / --</u>		<u>Browning / --</u>			
Motor Sheave Diam./Bore	<u>4 3/4" Ø / 1 5/8"</u>		<u>4 3/4" Ø / 1 5/8"</u>			
Fan Sheave Make	<u>Browning</u>		<u>Browning</u>			
Fan Sheave Diam./Bore	<u>BK8.5 / 1.0"</u>		<u>BK8.5 / 1.0"</u>			
No. Belts/Make/Size	<u>1 / BANDO / B-47</u>		<u>1 / BANDO / B-47</u>			
Sheave Φ Distance	<u>14 5/8"</u>		<u>14 3/4"</u>			
<u>FILTERS</u>	<u>(4) 14x25x1 / TA</u>		<u>(4) 14x25x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>3000</u>	<u>3190</u>			<u>3000</u>	<u>3235</u>
Fan RPM	<u>---</u>	<u>932</u>			<u>---</u>	<u>905</u>
S.P. In/Out	<u>---</u>	<u>-0.89</u> <u>+0.37</u>			<u>---</u>	<u>-0.91</u> <u>+0.42</u>
Total S.P.	<u>---</u>	<u>1.26</u>			<u>---</u>	<u>1.33</u>
Voltage T_1, T_2, T_3 T_3, T_1	<u>460</u>	<u>460 / 458 / 460</u>			<u>460</u>	<u>460 / 462 / 461</u>
Amperage T_1, T_2, T_3	<u>2.3</u>	<u>2.3 / 2.3 / 2.3</u>			<u>2.3</u>	<u>2.3 / 2.3 / 2.2</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY UPD / MTD



AIR OUTLET TEST REPORT (Flow Hood)

PROJECT ROBERT B. JAGGARD School SYSTEM R.H.P. #1-A & #1-B

OUTLET MANUFACTURER ----- TEST APPARATUS Flow hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY	FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	
GYM/RHPI-A	1	DRUM G.R.	20x12	500		540	
	2					550	
	3					520	
	4					510	
	5					530	
GYM/RHPI-A	6	DRUM G.R.	20x12	500		540	
GYM/RHPI-B	1	DRUM G.R.	20x12	500		540	
	2					550	
	3					530	
	4					530	
	5					545	
GYM/RHPI-B	6	DRUM G.R.	20x12	500		540	

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG

PROJECT Robert B. Taggard School

FAN DATA	FAN NO. <u>RHP-1-C</u>		FAN NO.		FAN NO. <u>RHP-1-D</u>	
Location	<u>Roof</u>				<u>Roof</u>	
Service	<u>Gym</u>				<u>Gym</u>	
Manufacturer	<u>M^cQuay</u>				<u>M^cQuay</u>	
Model Number	<u>RWD0950</u>				<u>RWD0950</u>	
Serial Number	<u>000107101001</u>				<u>000107101004</u>	
Type/Class	<u>ROOFTOP/WSHP</u>				<u>ROOFTOP/WSHP</u>	
Motor Make/Style	<u>AO Smith/open TP</u>				<u>AO Smith/open TP</u>	
Motor H.P./RPM/Frame	<u>1 1/2/1725/56H</u>				<u>1 1/2/1725/56H</u>	
Volts/Phase/Hertz	<u>460/3/60</u>				<u>460/3/60</u>	
F.L. Amps/S.F.	<u>2.3/1.15</u>				<u>2.3/1.15</u>	
Motor Sheave Make/Model	<u>Browning/ - -</u>				<u>Browning/ - -</u>	
Motor Sheave Diam./Bore	<u>4 3/4" o/d / 5/8"</u>				<u>4 3/4" o/d / 5/8"</u>	
Fan Sheave Make	<u>Browning</u>				<u>Browning</u>	
Fan Sheave Diam./Bore	<u>BK 8.5 / 1.0"</u>				<u>BK 8.5 / 1.0"</u>	
No. Belts/Make/Size	<u>1/BANDO/B-47</u>				<u>1/BANDO/B-47</u>	
Sheave ϕ Distance	<u>14 5/8"</u>				<u>14 5/8"</u>	
<u>FILTERS</u>	<u>(4) 14x25x1 TA</u>				<u>(4) 14x25x1 TA</u>	
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>3000</u>	<u>3210</u>			<u>3000</u>	<u>3260</u>
Fan RPM	<u>---</u>	<u>930</u>			<u>---</u>	<u>915</u>
S.P. In/Out	<u>---</u>	<u>0.93 10.45</u>			<u>---</u>	<u>0.40 10.39</u>
Total S.P.	<u>---</u>	<u>1.38</u>			<u>---</u>	<u>1.29</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460/458/460</u>			<u>460</u>	<u>460/460/460</u>
Amperage $T_1 T_2 T_3$	<u>2.3</u>	<u>2.4/2.2/2.3</u>			<u>2.3</u>	<u>2.3/2.3/2.3</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MTD



PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #48</u>	FAN NO.	FAN NO. <u>H.P. #48</u>			
Location	<u>ART Rm 128</u>		<u>Vocal Music Rm 132</u>			
Service	<u>ART Rm 128</u>		<u>Vocal Music Rm 132</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC4048C</u>		<u>CC4048C</u>			
Serial Number	<u>AUBA022881</u>		<u>AUBA022882</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>GE/TP</u>		<u>GE/TP</u>			
Motor H.P./RPM/Frame	<u>3/4 1085/1800</u>		<u>3/4 1085/1800</u>			
Volts/Phase/Hertz	<u>460/1/60</u>		<u>460/1/60</u>			
F.L. Amps/S.F.	<u>2.5/---</u>		<u>2.5/---</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>(2) 20x22 1/4 x 1/TA</u>		<u>(2) 20x22 1/4 x 1/TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1600</u>	<u>1745</u>			<u>1600</u>	<u>1730</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.43</u> <u>10.28</u>			<u>---</u>	<u>0.43</u> <u>10.24</u>
Total S.P.	<u>---</u>	<u>0.71</u>			<u>---</u>	<u>0.71</u>
Voltage $T_1 T_2 T_3$	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage $T_1 T_2 T_3$	<u>2.5</u>	<u>1.8</u>			<u>2.5</u>	<u>1.9</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flowbench

REMARKS:

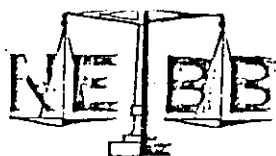
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OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS RM 145</u>		<u>CLASSROOM 146</u>			
Service	<u>CLASS RM 145</u>		<u>CLASSROOM 146</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA017026</u>		<u>AUBA017024</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>GE/TP</u>		<u>GE/TP</u>			
Motor H.P./RPM/Frame	<u>1/2 1075 2SP1--</u>		<u>1/2 1075 2SP1--</u>			
Volts/Phase/Hertz	<u>460/1/60</u>		<u>460/1/60</u>			
F.L. Amps/S.F.	<u>1.6/1--</u>		<u>1.6/1--</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>		<u>17 3/8 / 34 7/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1280</u>			<u>1200</u>	<u>1260</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.50</u> <u>0.12</u>			<u>---</u>	<u>0.58</u> <u>0.15</u>
Total S.P.	<u>---</u>	<u>0.62</u>			<u>---</u>	<u>0.73</u>
Voltage T_1, T_2, T_3	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.0</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS ROOM 147</u>		<u>CLASS RM 148</u>			
Service	<u>CLASS ROOM 147</u>		<u>CLASS RM 148</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H036C</u>		<u>CC H036C</u>			
Serial Number	<u>AUBA022781</u>		<u>AUBA017027</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>GE / TP</u>		<u>GE / TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1075 / 2SPD / --</u>		<u>1/2 / 1075 / 2SPD / --</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/4 / 34 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1245</u>			<u>1200</u>	<u>1260</u>
Fan RPM	<u>--</u>	<u>LOW SPD.</u>			<u>--</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>--</u>	<u>+0.31 / +0.16</u>			<u>--</u>	<u>+0.38 / +0.15</u>
Total S.P.	<u>--</u>	<u>0.53</u>			<u>--</u>	<u>0.53</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage $T_1 T_2 T_3$	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.0</u>

REMARKS:

ST DATE AUG 2000 READINGS BY VPD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #36 CL. RNS 142x148
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flowbench

REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #36</u>	FAN NO.	FAN NO. <u>H.P. #36</u>			
Location	<u>CLASS Rm 149</u>		<u>CLASS Rm 153</u>			
Service	<u>CLASS Rm 149</u>		<u>CLASS Rm 153</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC HD36C</u>		<u>CC HD36C</u>			
Serial Number	<u>AUBA022778</u>		<u>AUBA022780</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>GE/TP</u>		<u>GE/TP</u>			
Motor H.P./RPM/Frame	<u>1/2 / 1800 / --</u>		<u>1/2 / 1800 / --</u>			
Volts/Phase/Hertz	<u>460 / 1 / 60</u>		<u>460 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.6 / --</u>		<u>1.6 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 3/8 / 34 7/8 x 1 / TA</u>		<u>17 3/8 / 34 7/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1230</u>			<u>1200</u>	<u>1255</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.42 / 0.16</u>			<u>---</u>	<u>-0.40 / 0.20</u>
Total S.P.	<u>---</u>	<u>0.58</u>			<u>---</u>	<u>0.60</u>
Voltage T_1, T_2, T_3 T_3, T_1	<u>460</u>	<u>460</u>			<u>460</u>	<u>460</u>
Amperage T_1, T_2, T_3	<u>1.6</u>	<u>1.0</u>			<u>1.6</u>	<u>1.1</u>

REMARKS:

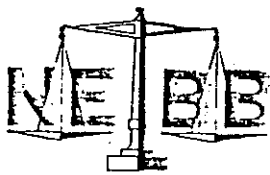
TEST DATE AUG 2000 READINGS BY VRD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. [#] <u>H.P. 36</u>	FAN NO.	FAN NO.			
Location	<u>LIB/MEDIA 127</u>					
Service	<u>LIB/MEDIA 127</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>CC4D36C</u>					
Serial Number	<u>AUBA017025</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>GE / TP</u>					
Motor H.P./RPM/Frame	<u>1/2 / 1875 / 2550 / --</u>					
Volts/Phase/Hertz	<u>460 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.6 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17 3/8 x 34 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1200</u>	<u>1220</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.46</u>				
Total S.P.	<u>---</u>	<u>0.59</u>				
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>460</u>	<u>460</u>				
Amperage T ₁ T ₂ T ₃	<u>1.0</u>	<u>1.2</u>				

REMARKS:

TEST DATE AUG 2000 READINGS BY RG/VAD



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #30</u>	FAN NO.	FAN NO. <u>HP #30</u>			
Location	<u>LIB/MEDIA 127</u>		<u>LIB/MEDIA 127</u>			
Service	<u>Rm 127, 214, 215</u>		<u>LIB/MEDIA 127</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H030C</u>		<u>CC H030C</u>			
Serial Number	<u>AUBA022671</u>		<u>AUBA022673</u>			
Type/Class	<u>HORIZ./WSHP</u>		<u>HORIZ./WSHP</u>			
Motor Make/Style	<u>FASCO/TP</u>		<u>FASCO/TP</u>			
Motor H.P./RPM/Frame	<u>1/3 1100/860 1--</u>		<u>1/3 1100/860 1--</u>			
Volts/Phase/Hertz	<u>265/1/60</u>		<u>265/1/60</u>			
F.L. Amps/S.F.	<u>1.3/1--</u>		<u>1.3/1--</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 1/8 / 26 5/8 x 1 TA</u>		<u>17 1/8 / 26 5/8 x 1 TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1000</u>	<u>1005</u>			<u>1000</u>	<u>1070</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.33 / 0.11</u>			<u>---</u>	<u>0.39 / 0.16</u>
Total S.P.	<u>---</u>	<u>0.44</u>			<u>---</u>	<u>0.55</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>1.3</u>	<u>1.3</u>			<u>1.3</u>	<u>1.3</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPO/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #30 Lib/Media 127, 214, 215
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P. 30</u>	FAN NO.	FAN NO.			
Location	<u>EXISTING CL. RM 22</u>					
Service	<u>EXISTING CL. RM 22</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>CLH030L</u>					
Serial Number	<u>AUBA022670</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>1/3 / 1100/80</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.3 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17 1/2 / 26 1/8 / X1 TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>1000</u>	<u>1060</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.34 / 0.09</u>				
Total S.P.	<u>---</u>	<u>0.43</u>				
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>265</u>	<u>265</u>				
Amperage T ₁ T ₂ T ₃	<u>1.3</u>	<u>1.3</u>				

REMARKS:

TEST DATE Aug 2000 READINGS BY RG/UPD

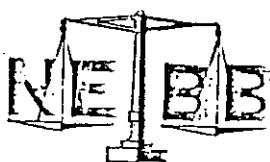


PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #30 PL. RM 22

OUTLET MANUFACTURER - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY WPO/RG



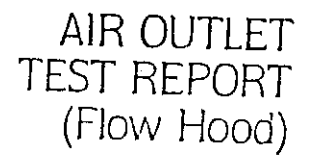
FAN TEST REPORT

PROJECT ROBERT B. JAGARD School

FAN DATA	FAN NO. <u>HP #24</u>	FAN NO.	FAN NO. <u>HP #24</u>			
Location	<u>CL. RM 143</u>		<u>CL. RM 142</u>			
Service	<u>CL. RM 143</u>		<u>CL. RM 142</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H024C</u>		<u>CC H024C</u>			
Serial Number	<u>AUBA022628</u>		<u>AUBA022629</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/3 / 1100/860 / --</u>		<u>1/3 / 1100/860 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>1.3 / --</u>		<u>1.3 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>17 1/8 x 26 5/8 x 1 / TA</u>		<u>17 1/8 x 26 5/8 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>800</u>	<u>860</u>			<u>800</u>	<u>865</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.38</u>			<u>---</u>	<u>0.38</u>
Total S.P.	<u>---</u>	<u>70.51</u>			<u>---</u>	<u>70.44</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>1.3</u>	<u>1.1</u>			<u>1.3</u>	<u>1.1</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VAD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P. 24</u>	FAN NO.	FAN NO.			
Location	<u>INST./MUSIC 133</u>					
Service	<u>INST/MUSIC 133</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>CC4024C</u>					
Serial Number	<u>AUBAD 22631</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>1/3 / 1100/360 / --</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>1.3 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>17/8 x 26 7/8 x 1 / TA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>800</u>	<u>849</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.30</u> <u>0.55</u>				
Total S.P.	<u>---</u>	<u>0.85</u>				
Voltage T_1, T_2, T_3 T_3, T_1	<u>265</u>	<u>265</u>				
Amperage T_1, T_2, T_3	<u>1.3</u>	<u>1.0</u>				

REMARKS:

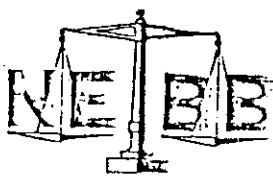
TEST DATE AUG 2000 READINGS BY RG/VAD



OUTLET MANUFACTURER - - - - - TEST APPARATUS DIGITAL ANEMOMETER

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/MJD



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL. RM 138</u>		<u>CL. RM 139</u>			
Service	<u>CL. RM 138</u>		<u>CL. RM 139</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 015 C</u>		<u>CC H 015 C</u>			
Serial Number	<u>AUBA022503</u>		<u>AUBA022501</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/570 / --</u>		<u>1/8 / 1075/570 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15 x 23 x 1 / TA</u>		<u>15 x 23 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>530</u>			<u>500</u>	<u>520</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.23</u>			<u>---</u>	<u>-0.11</u>
Total S.P.	<u>---</u>	<u>0.34</u>			<u>---</u>	<u>0.36</u>
Voltage $\begin{smallmatrix} T_1 T_2 T_3 \\ T_3 T_1 \end{smallmatrix}$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.80</u>	<u>0.80</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



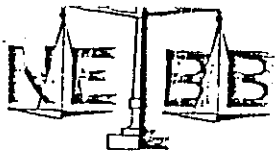
FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. [#] <u>H.P. 15</u>	FAN NO.	FAN NO. [#] <u>H.P. 15</u>			
Location	<u>CL RM 140</u>		<u>CL RM 141</u>			
Service	<u>CL RM 140</u>		<u>CL RM 141</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H015C</u>		<u>CC H015C</u>			
Serial Number	<u>AUBA022505</u>		<u>AUBA022504</u>			
Type/Class	<u>horiz. /WSHP</u>		<u>horiz. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / ^{1075/970} 2500 / --</u>		<u>1/8 / ^{1075/970} 2500 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1 /TA</u>		<u>15x23x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>540</u>			<u>500</u>	<u>530</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.22 0.13</u>			<u>---</u>	<u>0.17 0.17</u>
Total S.P.	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.36</u>
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T ₁ T ₂ T ₃	<u>0.80</u>	<u>0.80</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>CL Rm 150</u>		<u>CL Rm 152</u>			
Service	<u>CL Rm 150</u>		<u>CL Rm 152</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 015C</u>		<u>CC H 015C</u>			
Serial Number	<u>AUBA022499</u>		<u>AUBA022506</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/570</u>		<u>1/8 / 1075/570</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1 / TA</u>		<u>15x23x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>515</u>			<u>500</u>	<u>535</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.23</u>			<u>---</u>	<u>-0.23</u>
Total S.P.	<u>---</u>	<u>0.36</u>			<u>---</u>	<u>0.46</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.80</u>	<u>0.85</u>			<u>0.80</u>	<u>0.80</u>

REMARKS:

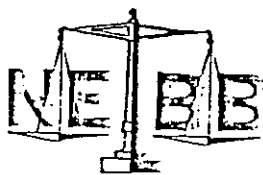
TEST DATE AUG 2000 READINGS BY KPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #15</u>	FAN NO.	FAN NO. <u>H.P. #15</u>			
Location	<u>VEST. 210</u>		<u>VEST 211</u>			
Service	<u>VEST. 210</u>		<u>VEST 211</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H015C</u>		<u>CC H015C</u>			
Serial Number	<u>AUBA022506</u>		<u>AUBA022500</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1075/570 / --</u>		<u>1/8 / 1075/570 / --</u>			
Volts/Phase/Hz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.80 / --</u>		<u>0.80 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>15x23x1 /TA</u>		<u>15x23x1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>500</u>	<u>520</u>			<u>500</u>	<u>545</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.26 / 0.22</u>			<u>---</u>	<u>0.28 / 0.21</u>
Total S.P.	<u>---</u>	<u>0.48</u>			<u>---</u>	<u>0.49</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.80</u>	<u>0.95</u>			<u>0.80</u>	<u>0.85</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

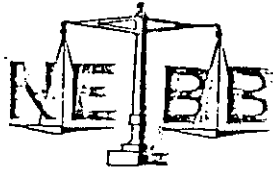
FAN DATA	FAN NO. [#] <u>H.P. 12</u>	FAN NO.	FAN NO. [#] <u>H.P. 12</u>			
Location	<u>P.E. OFFICE 134</u>		<u>EXIST CL. RM. 20</u>			
Service	<u>134 & 135</u>		<u>EXIST. CL. RM. 20</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 012C</u>		<u>CC H 012C</u>			
Serial Number	<u>AUBA022488</u>		<u>AUBA022451</u>			
Type/Class	<u>HORIZ. / WSHR</u>		<u>HORIZ. / WSHR</u>			
Motor Make/Style	<u>FASCO 17P</u>		<u>FASCO 17P</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550 / 400 / --</u>		<u>1/8 / 1550 / 400 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>400</u>	<u>415</u>			<u>400</u>	<u>390</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>HIGH SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.28 / 0.10</u>			<u>---</u>	<u>0.31 / 0.11</u>
Total S.P.	<u>---</u>	<u>0.38</u>			<u>---</u>	
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T ₁ T ₂ T ₃	<u>0.65</u>	<u>0.50</u>			<u>0.65</u>	<u>0.75</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG

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TEST DATE Aug 2000 READINGS BY WPD/RG



FAN TEST REPORT

PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>HP #9</u>	FAN NO.	FAN NO. <u>HP #9</u>			
Location	<u>CORR 201 BY RB 127</u>		<u>CORR 205 BY RB 149</u>			
Service	<u>CORR 201</u>		<u>CORR 205</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC4009C</u>		<u>CC4009C</u>			
Serial Number	<u>AUBA022456</u>		<u>AUBA022446</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550 / 1400 / --</u>		<u>1/8 / 1550 / 1400 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10 x 24 x 1 / TA</u>		<u>10 x 24 x 1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>300</u>	<u>300</u>			<u>300</u>	<u>330</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.29</u>
Total S.P.	<u>---</u>	<u>0.54</u>			<u>---</u>	<u>0.42</u>
Voltage $T_1 T_2 T_3$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.65</u>	<u>0.60</u>			<u>0.65</u>	<u>0.55</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VMD/RG



PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #09 Coll. 201 & 205
OUTLET MANUFACTURER - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG

PROJECT ROBERT B. JACCHARD School

FAN DATA	FAN NO. <u>H.P. #09</u>	FAN NO.	FAN NO. <u>HP#9</u>			
Location	<u>Corr 209 by kitchen</u>		<u>Corr 209 by 6ym</u>			
Service	<u>Corr 209</u>		<u>Corr 209</u>			
Manufacturer	<u>McQuay</u>		<u>McQuay</u>			
Model Number	<u>CC H009C</u>		<u>CC H009C</u>			
Serial Number	<u>AUBA022445</u>		<u>AUBA022444</u>			
Type/Class	<u>Horiz. / WSHR</u>		<u>Horiz. / WSHR</u>			
Motor Make/Style	<u>Fasco / TP</u>		<u>Fasco / TP</u>			
Motor H.P./RPM/Frame	<u>1/8 / 1550 / 400 / --</u>		<u>1/8 / 1550 / 400 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.65 / --</u>		<u>0.65 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>300</u>	<u>330</u>			<u>300</u>	<u>330</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.27 / 0.15</u>			<u>---</u>	<u>0.27 / 0.13</u>
Total S.P.	<u>---</u>	<u>0.42</u>			<u>---</u>	<u>0.42</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.65</u>	<u>0.60</u>			<u>0.65</u>	<u>0.50</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VPD/RG

AIR OUTLET TEST REPORT (Flow Hood)

PROJECT ROBERT B. JAGGARD School SYSTEM H.P. #09 Coll 2094209
OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

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REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG



FAN TEST REPORT

PROJECT ROBERT B. JACARD School

FAN DATA	FAN NO. [#] <u>HP 07</u>	FAN NO.	FAN NO. [#] <u>HP 07</u>			
Location	<u>STORAGE 124</u>		<u>STORAGE 125</u>			
Service	<u>STORAGE 124</u>		<u>STORAGE 125</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>LC H007C</u>		<u>LC H007C</u>			
Serial Number	<u>AUBA022408</u>		<u>AUBA022407</u>			
Type/Class	<u>HORIZ. /WSHP</u>		<u>HORIZ. /WSHP</u>			
Motor Make/Style	<u>FASCO /TP</u>		<u>FASCO /TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10 X 24 X 1 /TA</u>		<u>10 X 24 X 1 /TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>210</u>			<u>230</u>	<u>210</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.24</u> <u>10.06</u>			<u>---</u>	<u>-0.23</u> <u>10.05</u>
Total S.P.	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.28</u>
Voltage ^{T₁ T₂ T₃} _{T₃ T₁}	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T ₁ T ₂ T ₃	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE Aug 2000 READINGS BY VRD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>HP #07</u>			
Location	<u>EXIST. READING RM 24</u>		<u>CORR 203 Bx RM 125</u>			
Service	<u>EXIST. READING RM 24</u>		<u>CORR 203</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H007C</u>		<u>CC H007C</u>			
Serial Number	<u>AUBA022413</u>		<u>AUBA022406</u>			
Type/Class	<u>HORIZ. IWSHP</u>		<u>HORIZ. IWSHP</u>			
Motor Make/Style	<u>FASCO ITP</u>		<u>FASCO ITP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / 25 PD</u>		<u>0.05 / 1550 / 25 PD</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / - -</u>		<u>0.30 / - -</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / 1TA</u>		<u>10x24x1 / 1TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>215</u>			<u>230</u>	<u>230</u>
Fan RPM	<u>- - -</u>	<u>LOW SPD.</u>			<u>- - -</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>- - -</u>	<u>0.22 / 0.05</u>			<u>- - -</u>	<u>0.21 / 0.10</u>
Total S.P.	<u>- - -</u>	<u>0.27</u>			<u>- - -</u>	<u>0.39</u>
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage $T_1 T_2 T_3$	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY KPD/RG



OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS:

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PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>COAL 206 BYRM 146</u>		<u>COAL 206 BYRM 147</u>			
Service	<u>COAL 206</u>		<u>COAL 206</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 0076</u>		<u>CC H 0076</u>			
Serial Number	<u>AUBA022418</u>		<u>AUBA022410</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / ¹⁵⁵⁰ 2500 / --</u>		<u>0.05 / ¹⁵⁵⁰ 2500 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / 1TA</u>		<u>10x24x1 / 1TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>250</u>			<u>230</u>	<u>235</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.23 0.07</u>			<u>---</u>	<u>0.21 0.15</u>
Total S.P.	<u>---</u>	<u>0.30</u>			<u>---</u>	<u>0.36</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

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FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>CORR 206 Bx RM 148</u>		<u>CORR. 201 Bx RM 128</u>			
Service	<u>CORR 206</u>		<u>CORR 201</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AUBA022420</u>		<u>AUBA022421</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10X24X1 / TA</u>		<u>10X24X1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>230</u>			<u>230</u>	<u>240</u>
Fan RPM	<u>---</u>	<u>LOW SPD.</u>			<u>---</u>	<u>LOW SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.26 / 0.10</u>			<u>---</u>	<u>0.24 / 0.11</u>
Total S.P.	<u>---</u>	<u>0.36</u>			<u>---</u>	<u>0.35</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.35</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

TEST DATE AUG 2000 READINGS BY VPD/RG



OUTLET MANUFACTURER - - - - - TEST APPARATUS Flow hood

REMARKS:

TEST DATE Aug 2000 READINGS BY WPD/RG

PROJECT ROBERT B. JAGGARD School

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>Coil 203 By Coil 205</u>		<u>Coil 205 By Rm 153</u>			
Service	<u>Coil 203</u>		<u>Coil 205</u>			
Manufacturer	<u>McQUAY</u>		<u>McQUAY</u>			
Model Number	<u>CC H 007C</u>		<u>CC H 007C</u>			
Serial Number	<u>AU3A022415</u>		<u>AU3A022418</u>			
Type/Class	<u>Horiz. / WSHF</u>		<u>Horiz. / WSHF</u>			
Motor Make/Style	<u>Fasco / TP</u>		<u>Fasco / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>220</u>			<u>230</u>	<u>240</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>0.24 / 10.08</u>			<u>---</u>	<u>0.23 / 10.11</u>
Total S.P.	<u>---</u>	<u>0.37</u>			<u>---</u>	<u>0.34</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.30</u>

REMARKS:

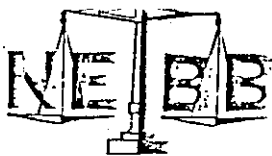
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PROJECT ROBERT B. JAGGARD SCHOOL

FAN DATA	FAN NO. <u>H.P. #07</u>	FAN NO.	FAN NO. <u>H.P. #07</u>			
Location	<u>IDF ELCC Rm 137</u>		<u>CONN 206 BY Rm 137</u>			
Service	<u>IDF ELCC Rm 137</u>		<u>CONN 206 BY Rm 137</u>			
Manufacturer	<u>MCQUAY</u>		<u>MCQUAY</u>			
Model Number	<u>CC H007C</u>		<u>CC H007C</u>			
Serial Number	<u>AUBA022414</u>		<u>AUBA022416</u>			
Type/Class	<u>HORIZ. / WSHF</u>		<u>HORIZ. / WSHF</u>			
Motor Make/Style	<u>FASCO / TP</u>		<u>FASCO / TP</u>			
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>		<u>0.05 / 1550 / --</u>			
Volts/Phase/Hertz	<u>265 / 1 / 60</u>		<u>265 / 1 / 60</u>			
F.L. Amps/S.F.	<u>0.30 / --</u>		<u>0.30 / --</u>			
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>		<u>DIRECT DRIVE</u>			
<u>FILTERS</u>	<u>10x24x1 / TA</u>		<u>10x24x1 / TA</u>			
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>220</u>			<u>230</u>	<u>235</u>
Fan RPM	<u>---</u>	<u>Low SPD.</u>			<u>---</u>	<u>Low SPD.</u>
S.P. In/Out	<u>---</u>	<u>-0.28 / +0.07</u>			<u>---</u>	<u>-0.25 / +0.09</u>
Total S.P.	<u>---</u>	<u>0.35</u>			<u>---</u>	<u>0.34</u>
Voltage T_1, T_2, T_3	<u>265</u>	<u>265</u>			<u>265</u>	<u>265</u>
Amperage T_1, T_2, T_3	<u>0.30</u>	<u>0.30</u>			<u>0.30</u>	<u>0.35</u>

REMARKS:

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FAN TEST REPORT

PROJECT ROBERT B. JAGGED School

FAN DATA	FAN NO. [#] <u>H.P. 07</u>	FAN NO.	FAN NO.			
Location	<u>CONN 208 BY GIRLS RM</u>					
Service	<u>CONN 208</u>					
Manufacturer	<u>MCQUAY</u>					
Model Number	<u>CC4007C</u>					
Serial Number	<u>AUBAD 22409</u>					
Type/Class	<u>HORIZ / WSH P</u>					
Motor Make/Style	<u>FASCO / TP</u>					
Motor H.P./RPM/Frame	<u>0.05 / 1550 / --</u>					
Volts/Phase/Hertz	<u>265 / 1 / 60</u>					
F.L. Amps/S.F.	<u>0.30 / --</u>					
Motor Sheave Make/Model	<u>DIRECT DRIVE</u>					
Motor Sheave Diam./Bore						
Fan Sheave Make						
Fan Sheave Diam./Bore						
No. Belts/Make/Size						
Sheave & Distance	<u>DIRECT DRIVE</u>					
<u>FILTERS</u>	<u>10x24x1 / EA</u>					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	<u>230</u>	<u>225</u>				
Fan RPM	<u>---</u>	<u>LOW SPD.</u>				
S.P. In/Out	<u>---</u>	<u>0.27</u> <u>0.08</u>				
Total S.P.	<u>---</u>	<u>0.35</u>				
Voltage $T_1 T_2 T_3$ $T_3 T_1$	<u>265</u>	<u>265</u>				
Amperage $T_1 T_2 T_3$	<u>0.30</u>	<u>0.30</u>				

REMARKS:

TEST DATE AUG 2000 READINGS BY RG/VAD



OUTLET MANUFACTURER TEST APPARATUS Flow hood

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OUTLET MANUFACTURER TEST APPARATUS Flow hood

REMARKS: REVISED EF-2 (SCREW) WAS OBSTRUCTING DAMPER OPENING ^{NOW} CONNECTED

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