



# FAN TEST REPORT

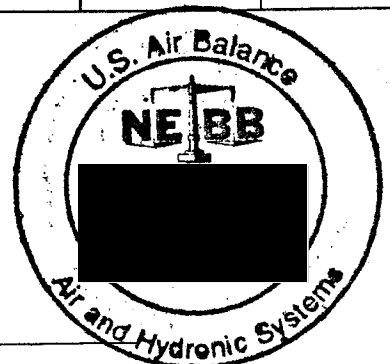
PROJECT Medical/Dental

FAN DATA	FAN NO. AHU-2	FAN NO. RAF-2	FAN NO.			
Location	2D-05	2D-05				
Service	2nd Floor	2nd Floor				
Manufacturer	York	York				
Model Number	AP-500					
Serial Number	NS					
Type/Class	NS					
Motor Make/Style	Baldor	Baldor				
Motor H.P./RPM/Frame	40/1770/324T	20/1760/256T				
Volts/Phase/Hertz	460/3/60	460/3/60				
F.L. Amps/S.F.	49/1.15	25/1.15				
Motor Sheave Make/Model	Browning	Browning				
Motor Sheave Diam./Bore	2BSK8.0/2-1/8	3B4.6/1-5/8				
Fan Sheave Make	Browning	Browning				
Fan Sheave Diam./Bore	2BSK12.4/2-7/16	3BSK15.4/2-7/16				
No. Belts/Make/Size	2/Goodyear/BX123	3/Goodyear/BX89				
Sheave $\phi$ Distance	47	30				
OSA Req./Act.	2385/2400					
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
CFM	10,105	9,800	8,885	9,050		
Fan RPM	1120	*	NA	*		
S.P. In/Out	NS	*	NA	*		
Total S.P.	625	*	520	*		
Voltage $\frac{T_1-T_2}{T_3-T_1}$	460	460	460	460		
Amperage $T_1 T_2 T_3$	49	47	25	21		

REMARKS: \* Varies

RAF Tracts AHU

Duct S.P. set at 1.5"



TEST DATE 6/3/02

READINGS BY [REDACTED]



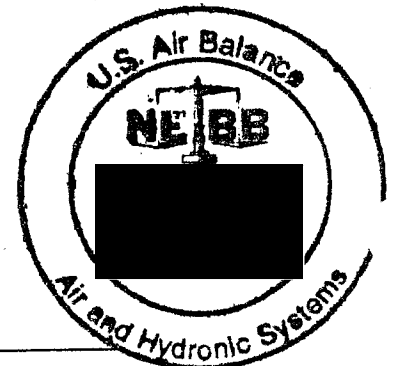
# AIR OUTLET TEST REPORT (Flow Hood)

AHU-2

PROJECT Medical/Dental SYSTEM VAV-A Thru VAV-EOUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2A01	1	C	*	135		45	140	A
"	2	"	*	135		45	140	85
				270		90	280	
2AC5	1	A	*	30		20	30	B
2A14	2	B	*	90		60	95	125
"	3	"	*	90		55	90	
				210		135	215	
2A02	1	B	*	75		35	75	C
								35
2A03	1	C	*	145		70	150	D
								70
2A04	1	C	*	130		50	130	E
								50

REMARKS:

TEST DATE 6/3/02 READINGS BY [Redacted]



# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental SYSTEM AHU-2 VAV-F Thru VAV-J

OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2A05	1	C	*	180		70	165	F
								70
2A12	1	B	*	125		105	135	G
NS	2	C	*	185		150	190	300
2AC3	3	A	*	25		20	25	
				335		275	350	
2A08	1	C	*	160		70	165	H
								70
2A07	1	C	*	160		70	160	I
								70
2A10	1	B	*	65		55	70	J
2A11	2	"	*	65		55	65	240
"	3	"	*	75		60	80	
"	4	"	*	65		55	65	
2AC3	5	A	*	25		20	25	
				295		245	305	

REMARKS:

TEST DATE 6/3/02 READINGS BY [REDACTED]





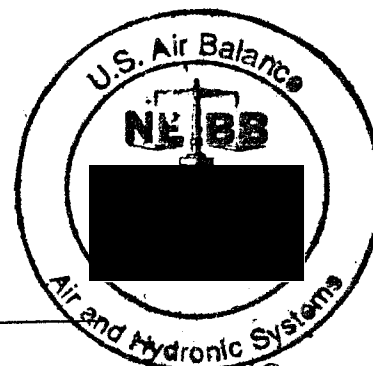
# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental SYSTEM AHU-2 VAV-K Thru VAV-P  
OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2A08	1	C	*	160		70	165	K
								70
2AC1	1	LBD-2	*	210		100	210	L
								100
NS	1	C	*	160		75	160	M
								70
NS	1	B	*	70		60	75	N
2A13	2	A	*	50		40	50	255
Corr.	3		*	70		60	75	
"	4		*	70		55	70	
2AC3	5	A	*	50		40	50	
				310		255	320	
2C02	1	C	*	170		75	170	O
2C03	1	A	*	60		30	65	P
"	2	"	*	60		25	65	90
"	3	B	*	90		40	90	
				210		95	220	

REMARKS:

TEST DATE 6/3/02 READINGS BY [REDACTED]





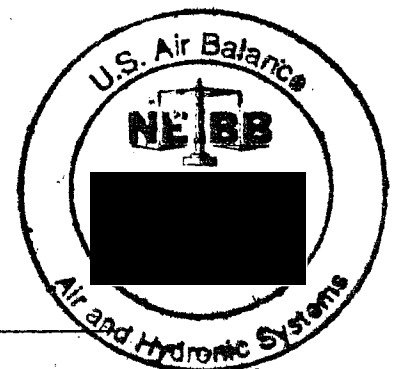
# AIR OUTLET TEST REPORT (Flow Hood)

AHU-2

PROJECT Medical/DentalSYSTEM VAV-Q Thru VAV-VOUTLET MANUFACTURER PriceTEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2C04	1	C	*	170		75	170	Q
NS	1	B	*	90		40	90	R
2C06	1	D	*	200		75	200	S
2CC3	1	A	*	40		40	40	T
2CC1	2	"	*	30		30	30	205
2C08	3	"	*	55		60	60	
2C07	4	"	*	55		55	55	
2CC1	5	"	*	25		25	25	
				205		210	210	
2C09	1	D	*	200		75	210	U
2C19	1	B	*	70		50	75	V
"	2	"	*	70		45	70	95
				140		950	145	

REMARKS:

TEST DATE 6/3/02 READINGS BY [REDACTED]

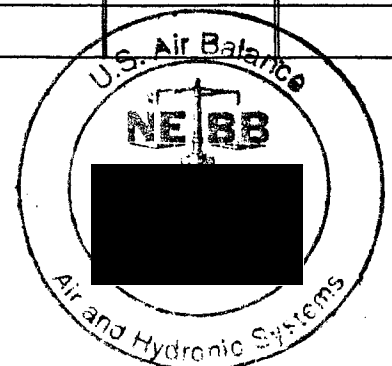


# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental AHU-2  
SYSTEM VAV-W Thru VAV-AA  
OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2C12	1	C	*	215		215	215	W
2C12	1	C	*	265		265	265	X
2CC4	1	A	*	25		25	25	Y
2C13	2	"	*	50		55	55	
2CC5	3	"	*	75		80	80	
				150		160	160	
2C16	1	C	*	220		225	225	Z
2C17	1	C	*	185		190	190	AA
"	2	"	*	185		190	190	560
"	3	"	*	190		190	190	
				560		570	570	

REMARKS:



TEST DATE 6/3/02 READINGS BY [Redacted]



OUTLET MANUFACTURER \_\_\_\_\_ Price \_\_\_\_\_ TEST APPARATUS \_\_\_\_\_ Flow Hood \_\_\_\_\_

REMARKS:



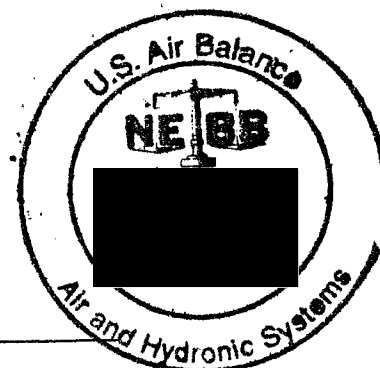
# AIR OUTLET TEST REPORT (Flow Hood)

AHU-2

PROJECT Medical/Dental SYSTEM VAV-BB Thru VAV-GGOUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2C14	1	C	*	200		105	210	BB
2C18	1	WSR	*	265		0	270	CC
2B21	1	B	*	115		50	120	DD
2B23	1	B	*	110		45	115	EE
2B24	2	"	*	105		40	110	85
				215		85	225	
2B19	1	B	*	70		45	70	FF
2BC4	1	B	*	85		90	90	GG
2B25	2	A	*	40		40	40	
2BC4	3	"	*	40		40	40	
				165		170	170	

REMARKS:

TEST DATE 6/3/02 READINGS BY [REDACTED]





# AIR OUTLET TEST REPORT (Flow Hood)

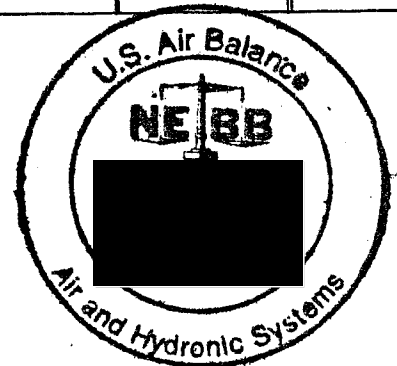
AHU-2

PROJECT Medical/Dental SYSTEM VAV-MM Thru VAV-RR

OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
NS	1	C	*	160		95	165	MM
								95
2B09	1	A	*	60		30	65	00
2B08	2	"	*	60		30	60	95
2B04	3	"	*	65		35	70	
				185		95	195	
2B08	1	B	*	70		35	75	PP
2B10	1	B	*	80		45	80	QQ
NS	1	B	*	100		75	105	RR
2BC5	2	A	*	35		25	35	115
2BC8	3	A	*	20		15	20	
				155		115	160	

REMARKS:



TEST DATE 6/3/02 READINGS BY [REDACTED]



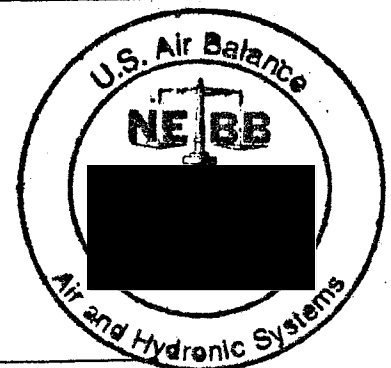
# AIR OUTLET TEST REPORT (Flow Hood)

AHU-2

PROJECT Medical/Dental SYSTEM VAV-SS Thru VAV-VVOUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2BC8	1	LSD-2	*	45		50	50	SS
								45
NS	1	A	*	45		25	45	TT
"	2	"	*	50		30	55	
2D03	3	"	*	60		35	60	
				155		90	160	
2D04A	1	C	*	190		85	195	UU
"	2	"	*	185		80	190	215
2D04	3	B	*	65		30	65	
"	4	"	*	60		25	60	
				500		220	510	
2DC1	1	A	*	60		50	65	VV
2DC2	2	"	*	60		45	60	140
"	3	"	*	60		50	65	
				180		145	190	

REMARKS:

TEST DATE 6/3/02 READINGS BY [Redacted]



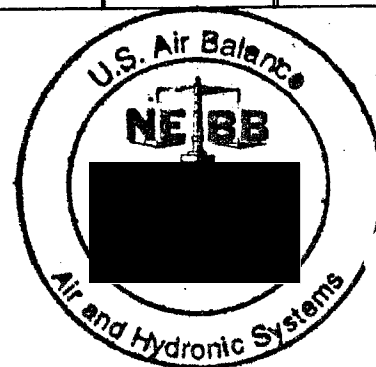


# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental SYSTEM VAV-AAA Thru VAV-EEE AHU-2  
OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2D16	1	C	*	105		40	110	AAA
								40
2D14	1	B	*	135		55	140	BBB
								50
2D18	1	A	*	45		25	45	DDD
"	2	"	*	45		30	50	105
"	3	"	*	50		30	50	
"	4	"	*	45		30	50	
				185		115	195	
2D11	1	C	*	130		50	130	EEE

REMARKS:



TEST DATE 6/3/02 READINGS BY [Redacted]



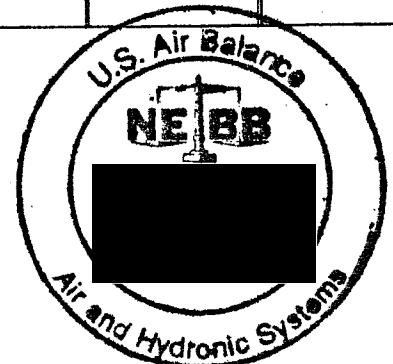
# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental SYSTEM VAV-FFF Thru VAV-JJJ AHU-2

OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)	MIN	AIRFLOW CFM (l/s)	
2D10	1	B	*	125		60	125	FFF
2D09	1	B	*	90		40	95	GGG
NS	1	B	*	65		35	65	HHH
NS	1	A	*	60		30	65	III
"	2	B	*	105		50	110	75
				165		80	175	
2D18	1	A	*	45		25	45	JJJ
"	2	"	*	45		30	50	105
"	3	"	*	45		30	50	
"	4	"	*	45		25	45	
				180		110	190	

REMARKS:



TEST DATE 6/3/02 READINGS BY [REDACTED]



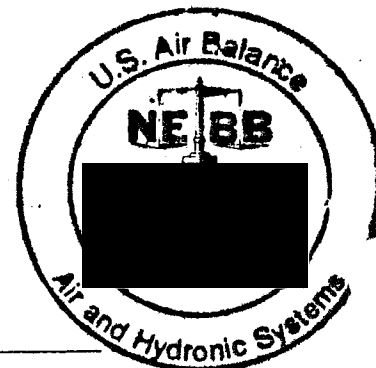
# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental SYSTEM AH-2 Return

OUTLET MANUFACTURER Price 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)	
2C18	R-1	RR	G	265			265	
2C19	2	"	E	115			120	
2C14	3	"	G	195			190	
2C09	4	"	"	195			195	
2C06	5	"	"	195			195	
2C04	6	"	"	195			200	
2C02	7	"	"	165			165	
2CC2	8	"	"	180			185	
2A09	9	"	F	155			155	
2A08	10	"	"	155			160	
2A07	11	"	E	155			160	
2A06	12	"	"	155			155	
2A05	13	"	"	125			125	
2A12	14	"	B	125			130	
2AC5	15	"	R	60			60	
2A10	16	"	D	65			70	
2AC5	17	"	G	210			215	
2AC5	18	"	"	205			205	
2A14	19	"	"	180			185	
2A01	20	"	H	265			265	
2A02	21	"	D	70			70	
2A03	22	"	F	140			145	
2A04	23	"	"	125			130	

REMARKS:



TEST DATE 6/3/02 READINGS BY [Redacted]



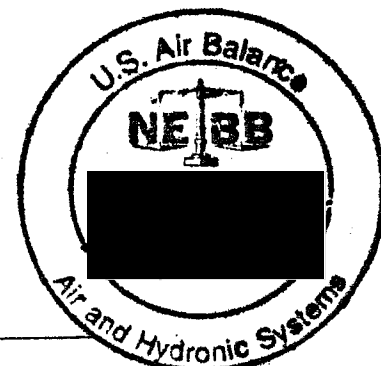
# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT Medical/Dental SYSTEM AH-2 Return

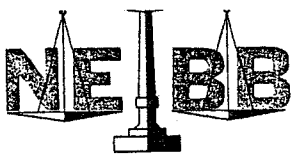
OUTLET MANUFACTURER Price TEST APPARATUS Flow Hood

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)		AIRFLOW CFM (l/s)	
2C03	24	RR	G	215			225	
2C22	25	"	D	90			95	
2D04A	26	"	J	375			375	
2D04	27	"	F	125			130	
2D03	28	"	C	60			60	
2D01	29	"	B	45			45	
2BC8	30	"	R	45			45	
2B11	31	"	E	120			110	
2B09	32	"	R	60			60	
2B07	33	"	C	60			65	
2B04	34	"	D	65			65	
2B03	35	"	F	155			160	
2B13	36	"	"	260			270	
2BC3	37	"	A	10			10	
"	38	"	F	130			135	
2B18	39	"	E	115			115	
2B18	40	"	D	100			105	
2B14	41	"	"	85			85	
2B10	42	"	"	80			80	
2B15	43	"	"	65			65	
2B17	44	"	"	70			75	
2B01	45	"	E	105			105	
2B24	46	"	D	100			105	

REMARKS:



TEST DATE 6/3/02 READINGS BY [Redacted]



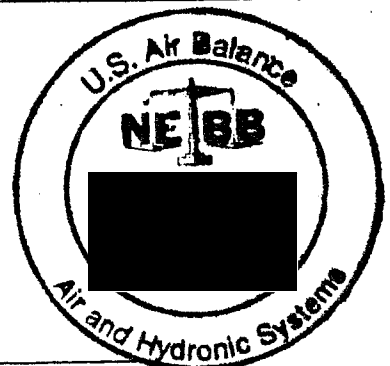
# AIR OUTLET TEST REPORT (Flow Hood)

PROJECT \_\_\_\_\_ SYSTEM AH-2 Return \_\_\_\_\_

OUTLET MANUFACTURER \_\_\_\_\_ Price \_\_\_\_\_ TEST APPARATUS \_\_\_\_\_

AREA SERVED	OUTLET			DESIGN	PRELIMINARY		FINAL	PERCENT OF DESIGN
	NO.	TYPE	SIZE	AIRFLOW CFM (l/s)	AIRFLOW CFM (l/s)		AIRFLOW CFM (l/s)	
2B23	47	RR	E	105			110	
2B21	48	"	"	110			110	
2D12	49	"	R	90			85	
2DC2	50	"	G	180			190	
2D07	51	"	C	60			65	
2D08	52	"	D	65			65	
2D09	53	"	"	85			80	
2D10	54	"	E	120			125	
2D06	55	"	"	105			105	
2D10	56	"	J	365			375	
2D14	57	"	E	130			140	
2D15	58	"	E	110			115	
2D17	59	"	D	100			105	
2D19	60	"	E	105			110	
2D20	61	"	I	295			290	
2D21	62	"	G	200			210	
2B08	63	"	D	70			70	
2D02	64	"	B	50			55	
2D16	65	"	D	100			105	
NS	66	"	C	60			65	
"	67	"	D	65			65	
"	68	"	"	85			80	
				8,885			9,050	

REMARKS:



TEST DATE \_\_\_\_\_ READINGS BY \_\_\_\_\_