

2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

		AIR APPARATUS	TEST REPORT			
PROJECT:						
SYSTEM:					المقد	
EQUIPMENT LOCATION:			SERVICE:			
Equil MENT 200ATION.	FAN DATA		OLKVIOL.	_		
					DESIGN	ACTUAL
MAKE:		_	FAN R.P.M.			
SIZE/MODEL:		_	FAN C.F.M.		53_	
ΓΥΡΕ:		_	SYSTEM C.F.M.	200		
			O.A. C.F.M.	SM		
	DRIVE DATA			STATIC PRE		
			E B B O M		ACTUAL	ACTUAL
MOTOR H.P.	VOLTAGE	DESIGN ACTUAL	100	DESIGN	TSP	ESP
WOTOK H.F	VOLTAGE	- K (2) 5	' I			
MOTOR R.P.M.	AMPERAGE		INTAKE SP			
MOTOR FRAME	ВНР	Julie	 DISCHARGE SP			
SERV FACTOR	— ESU	5	 			
PHASE	20		1			
			TOTAL SP			
DIRECT DRIVE	FIXED	ADJUSTABLE	 EXTERNAL SP			
MOTOR SHEAVE OD	" FAN PULLEY	""	1			
MOTOR SHAFT	" FAN SHAFT		OUTSIDE AIR CALCUL TEMPERATURE - RA	ATION:	SUPPLY AIR CFM	
			TEMPERATURE - MA		RETURN AIR CFM	
MOTOR SHEAVE	BELT SIZE		TEMPERATURE - OA		OUTSIDE AIR CFM	
OPERATING DIA.	" "C" TO "C"	"	PERCENTAGE (%)		·	
	QUANTITY		1			
NOTES.						
NOTES:						



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

SYSTEM / UNIT:						- -						1	Fig. 4 - Trave	rse on round and square du	ct areas
Vidth:			Duc	t Area	=			Re	quired				Ac	tual	
leight: one:		=		Sq Ft			Vel.		CFM			Vel.		CFM	
Position		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	>>>													~	
2	>>>												6	No.	
3	>>>											2/2	(3)	9	
4	>>>										ζ, (5/1/	0-		
5	>>>									<u> </u>	V)				
6	>>>									\sqrt{O}	V				
7	>>>							6		J					
8	>>>						3	5 /2	5						
9	>>>					20	<u> </u>	6							
10	>>>				6		9								
11	>>>			d		Î									
12	>>>		d	(D	<u> </u>										
13	>>>	e	8)	6.	_										
14	>>>	5													
15	>>>														
ubtotal		0	0	0	0	0	0 elocity X	0	0	0	0	0 CFM	0	0 al SP	0



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095



	PROJEC SYSTEM			TEF	RMINAL BO	OX TEST RE	PORT		
	D0	V/	ı	NAA SZINALINA			NAIN IIN AL IN A		
AREA SERVED	NO.	SIZE	DESIGN CFM	MAXIMUM ACTUAL SETPOINT	ACTUAL CFM	DESIGN CFM	MINIMUM ACTUAL SETPOINT	ACTUAL CFM	Notes
								5	Ž
									<u> </u>
							20	UE B	
							3	100	
							S 23		
						(a)			
					_	(OC)			
					6				
				50	12				
				- Ch	5				
			63	(8)3					
		_		1					
			1/3						
	-6	$c\gamma_c$	100						
	MS	M							
	370								
5									
Notes: Filename:									
Test Date:				- -			Readings By:		



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

PROJECT: SYSTEM:	AIR OUTLET TEST REPORT
Area Served Number Size	"K" Design Preliminary Final Percent Factor Vel. CFM Vel. CFM of Design
1	TEST REPORT STREET
	Page Total
Notes: Filename: Date:	Readings By:



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

CIF	RCULATING WATER PUM	P TEST REPORT	
PROJECT:		V	
SYSTEM:	-	1	
-	-		A PROPERTY OF THE PARTY OF THE
PUMP DATA	UNIT NO.	UNIT NO.	UNIT NO.
Service			
Pump Manufacturer			
Model Number	<u> </u>		
Serial Number			
Motor Manufacturer			- 2
Motor HP			-
Motor RPM			610-
Voltage		<u> </u>	
Phase		I — 6	1110
Motor Full Load Amperage (F.L.A.)			
Design GPM			
Design TDH	FT.		FT.
TEST DATA			
No-Flow Discharge Pressure	PSI	PSI	PSI
No-Flow Suction Pressure	PSI	PSI	PSI
No-Flow Differential Pressure	PSI	PSI	PSI
No-Flow T.D.H.	FT. CO	FT.	FT.
	~ 1	<u> </u>	
Full-Flow Discharge Pressure	SI	PSI	PSI
Full-Flow Suction Pressure		PSI	PSI
Full-Flow Differential Pressure	PSI	PSI	PSI
Full-Flow T.D.H.	FT.	FT.	FT.
Final Discharge Pressure	PSI	PSI	PSI
Final Suction Pressure	PSI	PSI	PSI
Final Differential Pressure	PSI	PSI	PSI
Final T.D.H.	FT.	FT.	FT.
67/00			
Final Voltage	<u></u> _		
Final An erage			
Final B.H.			
Final GPM		·	
NOTES:			
NOTES.			
	-		
NOTES / REMARKS	_		
GPM determined by flow metering device	e - see flow meter test report.		
GPM determined by pump curve.			
Filename:			
Test Date:		Readi	ngs By:



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

PROJECT: SYSTEM:				_		8	N
SERVICE OR DESIGNATION	SIZE	MODEL	DESIGN GPM	ACTUAL VALVE SETPOINT	ACTUAL VALVE P.D.	ACTUAL GPM	NOTES
							P. C. C.
			So	E E	<u>500</u>		
	<u></u>	ICT	E.				



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

PROJECT:	COOLING	COIL TEST REPOR	T	
SYSTEM:				
COIL DATA	SYSTEM	SYSTEM	SYSTEM	SYSTEM
DESIGN CFM DESIGN MBH			<u> </u>	NECET
GPM Ent. Air D.B. Ent. Air W.B. Leav. Air D.B. Leav. Air W.B. Ent. Water Temp. Leav. Water Temp. Water T.D. P.D. FT H20 NOTES: Coil CFM Ent. Enthalpy Leav. Enthalpy Coil BTUH	Design Actual	Design Actual	D sign Actual	Design Actual
NOTES: 1) GPM determined	by heat transfer.		<u> </u>	
Toot Doto:			Readings By:	



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

	HEATING	COIL TEST REPOR	Т	
PROJECT:SYSTEM:				
COIL DATA	SYSTEM	SYSTEM	SYSTEM	SYSTEM
DESIGN CFM DESIGN MBH				
GPM Ent. Air Temp. D.B. Leav. Air Temp. D.B. Ent. Water Temp. Leav Water Temp. Water T.D. P.D. Ft. H20	Design Actual	Design Actual	Actual Actual	Design Actual
NOTES:	100 J			
Coil CFM Coil Sensible BTUH GPM (Determical 1993)				
NOTES: 1) GPM determined by flow 2) GPM determined by pres 3) GPM determined by heat	metering device - see flow mete sure loss. transfer.	er test report		
Filename: Test Date:			Readings By:	



2228 Page Road, Ste 101 Durham, NC 27703 Phone (919) 381-5065 Fax (919) 381-5095

Air Conditioning & Ventilating Balancing & Testing

