COMFORT CONTROL, INC.
AIR APPARATUS TEST REPORT

PROJECT: _____ READINGS BY: _____
SYSTEM: _____ TEST DATE: _____
LOCATION / DWG #: _____ SERVICE: _____

FAN DATA

MAKE: _____
SIZE / MODEL: _____
TYPE: _____

	DESIGN	ACTUAL
FAN R.P.M.		
FAN C.F.M.		
SYSTEM C.F.M.		
O.A.C.F.M.		

MOTOR DATA

			DESIGN	ACTUAL
MOTOR H.P.		VOLTAGE	T1-2	
			T2-3	
MOTOR R.P.M.			T3-1	
MOTOR FRAME		AMPS	T1	
			T2	
SERV FACTOR			T3	
PHASE		BHP		

STATIC PRESSURES

	DESIGN	ACTUAL TSP	ACTUAL ESP
INTAKE			
DISCH			
TOTAL			
EXTERNAL			

DRIVE DATA

TYPE			OUTSIDE DIAMETER	BELT OPERATING DIAMETER		
DIRECT		MOTOR SHEAVE			MOTOR SHAFT	
FIXED						
ADJUSTABLE		FAN PULLEY			FAN SHAFT	
"C" TO "C"		BELT SIZE			BELT QUANTITY	

NOTES / REMARKS

OUTSIDE AIR CALCULATION

SUPPLY AIR CFM		TEMPERATURE - RA		DIRECT READING BY:	PT
RETURN AIR CFM		TEMPERATURE - MA			
OUTSIDE CFM		TEMPERATURE - OA			
		PERCENTAGE (%)			

INCLUDE IN REPORT
1)
2)
3)
4)

INTERNAL USE ONLY
A)
B
C)
D)

COMFORT CONTROL, INC.
DUCT TRAVERSE TEST REPORT

PROJECT: _____ READINGS BY: _____
SYSTEM / DWG #: _____ TEST DATE: _____

P.T. DATA		REQUIRED		FINAL	
DUCT SIZE		CFM		CFM	
AREA / SQ. FT.		VELOCITY		VELOCITY	
DUCT ZONE		DUCT TYPE rect oval round		S.P.	

POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
SUBTOTAL													

NOTES / REMARKS

INCLUDE IN REPORT
1)
2)

INTERNAL USE ONLY
A)
B)

COMFORT CONTROL, INC.
TERMINAL BOX TEST REPORT

PROJECT: _____ READINGS BY: _____
SYSTEM / DWG# : _____ TEST DATE: _____

AREA SERVED	BOX		MAXIMUM			MINIMUM			NOTES
	NO.	SIZE	DESIGN CFM	ACTUAL SETPOINT	ACTUAL CFM	DESIGN CFM	ACTUAL SETPOINT	ACTUAL CFM	

NOTES / REMARKS

INCLUDE IN REPORT
1)
2)
3)
4)

INTERNAL USE ONLY
1)
2)

COMFORT CONTROL, INC.
AIR TERMINAL TEST REPORT

PROJECT: _____ READINGS BY: _____
SYSTEM / DWG# : _____ TEST DATE: _____

AREA SERVED	OPENING		K	REQUIRED		PRELIMINARY		FINAL		NOTES
	NO.	SIZE	FACTOR	VEL	CFM	VEL	CFM	VEL	CFM	

NOTES / REMARKS

INCLUDE IN REPORT
1)
2)
3)

INTERNAL USE ONLY
A)
B)

COMFORT CONTROL, INC.

CIRCULATING WATER PUMP TEST REPORT

PROJECT: _____ READINGS BY: _____

SYSTEM / DWG# : _____ TEST DATE: _____

PUMP DATA	UNIT NO.		UNIT NO.		UNIT NO.	
SERVICE						
PUMP MANUFACTURER						
MODEL NUMBER						
SERIAL NUMBER						
MOTOR MANUFACTURER						
MOTOR H.P.						
MOTOR RPM						
VOLTAGE						
PHASE						
MOTOR FULL LOAD AMPERAGE (F.L.A.)						
DESIGN GPM						
DESIGN TDH	FT.		FT.		FT.	
TEST DATA						
NO-FLOW DISCHARGE PRESSURE	PSI	amps		amps		amps
NO-FLOW SUCTION PRESSURE	PSI					
NO-FLOW DIFFERENTIAL PRESSURE	PSI					
NO-FLOW T.D.H.	FT					
FULL-FLOW DISCHARGE PRESSURE	PSI	amps	PSI	amps	PSI	amps
FULL-FLOW SUCTION PRESSURE	PSI		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	
FINAL VOLTAGE						
FINAL AMPERAGE						
FINAL B.H.P.						
FINAL GPM						
NOTES						

NOTES / REMARKS

INCLUDE IN REPORT

1) GPM determined by flow metering device – see flow meter test report.
2) GPM determined by pump curve.
3)
4)

INTERNAL USE ONLY

A)
B)

COMFORT CONTROL, INC.

COMBINATION BALANCE VALVE / FLOW METER

PROJECT: _____ READINGS BY: _____

SYSTEM / DWG# : _____ TEST DATE: _____

SERVICE OR DESIGNATION	SIZE	MODEL	DESIGN GPM	ACTUAL VALVE SETPOINT	ACTUAL VALVE P.D	ACTUAL GPM	NOTES

NOTES / REMARKS

INCLUDE IN REPORT

1)
2)
3)
4)

INTERNAL USE ONLY

A)
B)

COMFORT CONTROL, INC.

COOLING COIL TEST REPORT

PROJECT: _____ READINGS BY: _____

SYSTEM / DWG# : _____ TEST DATE: _____

COIL DATA	SYSTEM		SYSTEM		SYSTEM		SYSTEM	
DESIGN CFM								
DESIGN MBH								
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
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								
GPM (BY T.D.)								

NOTES / REMARKS

INCLUDE IN REPORT

1) GPM determined by flow metering device – see flow meter test report.
2) GPM determined by pressure loss.
3) GPM determined by heat transfer.
4)

INTERNAL USE ONLY

A)
B)

COMFORT CONTROL, INC.

HEATING COIL TEST REPORT

PROJECT: _____ READINGS BY: _____

SYSTEM / DWG# : _____ TEST DATE: _____

COIL DATA	SYSTEM		SYSTEM		SYSTEM		SYSTEM	
DESIGN CFM								
DESIGN MBH								
TEST DATA	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
GPM								
ENTERING AIR TEMP D.B.								
LEAVING AIR TEMP D.B.								
ENT WATER TEMP								
LEAV WATER TEMP								
WATER T.D.								
P.D. FT. H20								
NOTES								
COIL CFM								
COIL SENSIBLE BTUH								
GPM (BY T.D.)								

NOTES / REMARKS

INCLUDE IN REPORT

1) GPM determined by flow metering device – see flow meter test report.
2) GPM determined by pressure loss.
3) GPM determined by heat transfer.
4)

INTERNAL USE ONLY

A)
B)