

LABORATORY TERMINAL AIRFLOW UNIT SCHEDULE (1)

LTAU No. (2)	NAME OF ROOM SERVED	CFM		LTAU SIZE (3)	REHEAT		SOUND ATT. NO.	PRODUCT NUMBER	REMARKS
		MAX.	MIN.		NO.	GPM			
S1234	WET LAB	1100	540	10x20	RHC4	5	SA3	MAV-A	WALL MOUNTED MAC PANEL
E1234	WET LAB	650	90	12"Ø	---	---	SA2	EXV-A	
FH1234	WET LAB	550	550	10"Ø	---	---	---	CVV-B	HERESITE COATED
S1234A	WET LAB OFC	200	100	8"Ø	RHC1	1	SA1	BSV-A	
E1234A	WET LAB OFC	150	50	8"Ø	---	---	SA1	EXV-A	
S1235-1	DRY LAB	1000	500	12"Ø	RHC3	3	SA2	MAV-A	
S1235-2	DRY LAB	1000	500	12"Ø	RHC3	3	SA2	MAV-A	
E1235	DRY LAB	2100	1100	12x24	---	---	SA4	EXV-A	
S1237	ELEC. CLO.	200	35	8"Ø	---	---	---	PSV-A	
R1237	ELEC. CLO.	200	35	8"Ø	---	---	---	PEV-A	

NOTES:

3.

- 1. BASIS OF DESIGN = PHOENIX LOW PRESSURE
- 2. LTAU NO. = ABBBB-C

POSITION "A" = "S" FOR SUPPLY AIR

"E" FOR EXHAUST AIR

"R" FOR RETURN AIR

"FH" FOR FUME HOOD EXHAUST AIR

POSITION "BBBB" = ROOM NUMBER

POSITION "-C" = USED WHEN MULTIPLE VALVES

SERVE THE SAME SPACE

LTAU SIZE	CFM RANGE		MAX. P.D. (IN. W.G.)
	MAX.	MIN.	
8"Ø	500	35	0.3
10"Ø	550	50	0.3
12"Ø	1050	90	0.3
10x20	1100	100	0.3
12x24	2100	180	0.3
12x36	3150	270	0.3
12x48	4200	360	0.3

LTAU REHEAT COIL SCHEDULE (1)

COIL NO.	CFM RANGE		COIL SIZE	NO. OF ROWS	MAX. PPF (IN. W.G.)	MAX. P.D. (IN. W.G.)	MAX. WATER P.D. (FT)	BASIS OF DESIGN	REMARKS
	MAX.	MIN.							
RHC1	500	35	8x8	1	120	0.3		HEATCRAFT	
RHC2	550	50	10x10	1	120	0.3		HEATCRAFT	
RHC3	1050	90	12x12	1	120	0.3		HEATCRAFT	
RHC4	1100	100	10x20	1	120	0.3		HEATCRAFT	
RHC5	2100	180	12x24	1	120	0.3		HEATCRAFT	
RHC6	3150	270	12x36	2	120	0.3		TRANE	
RHC7	4200	360	12x48	2	120	0.3		TRANE	

NOTES:

- 1. EWT=180°F/LWT=160°F
EAT=55°F/LAT=90°F

REFERENCED DETAILS/SCHEDULES:
S 15855 001

ADDITIONAL INFORMATION:

MODULES: 2



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Laboratory Terminal Airflow Unit Sample Schedule

DIVISION: 15
SECTION: 15820
FILE: D 15820 002 06 06.dgn
ISSUE DATE: 06/01/06

LABORATORY TERMINAL AIRFLOW UNIT SAMPLE SCHEDULES

DATA IN TABLES IS FOR ILLUSTRATIVE PURPOSES ONLY