LABORATORY TERMINAL AIR FLOW UNIT EXAMPLE SCHEDULE

MARK	HVAC/LEF SYSTEM	LABORATORY ROOM INFORMATION		TERMINAL UNIT TYPE (NOTES 1,7)	AIR CATEGORY	AIRFLOW		MIN SP ACROSS LTAU	QNTY OF VALVES /SIZE	INLET SIZE (IN)	OUTLET SIZE		CONTROL TYPE	FAST ACTING	SOUND ATTEN	CORROSIVE COATING	REMARKS
		NUMBER	NAME			MIN CFM	MAX CFM				W (IN)	H (IN)					
LTU-2001-S1	AHU-4	2001	PROJECT LAB	CONV	SUPPLY AIR	730	2800	0.25"	----	16	24	18	DIGITAL	----	----	----	
LTU-2001-E1	LEF-4	2001		CONV	GENERAL LAB EA	930	3000	0.25"	----	16	24	18	DIGITAL	----	----	----	
LTU-2019-S1	AHU-4	2019	MATERIAL SCIENCE CLEAN LAB	CONV	SUPPLY AIR	390	1385	0.25"	----	12	16	15	DIGITAL	----	----	----	
LTAU-2019-E1	LEF-4	2019		CONV	GENERAL LAB EA	90	1085	0.25"	----	12	16	15	DIGITAL	----	----	----	
LTAU-2019A-S1	AHU-4	2019A	MATERIAL SCIENCE DIRTY LAB	VVV	SUPPLY AIR	270	3295	0.3"	3 / 12Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2019A-E1	LEF-4	2019A		VVV	GENERAL LAB EA	435	2250	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2019A-E2	LEF-4	2019A		VVV	GENERAL LAB EA	0	2250	0.3"	1 / 12Ø	----	----	----	DIGITAL	----	----	----	NOTE 6
LTAU-2019A-E3	LEF-4	2019A		VVV	GENERAL LAB EA	0	2250	0.3"	1 / 12Ø	----	----	----	DIGITAL	----	----	----	NOTE 6
LTAU-2019A-EH1	LEF-4	2019A		VVV	HAZARDOUS LAB EA	170	955	0.3"	1 / 12Ø	----	----	----	DIGITAL	YES	----	YES	NOTE 3
LTAU-2020-S1	AHU-4	2020	GENERAL CHEMISTRY LAB	VVV	SUPPLY AIR	505	2320	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2020-E1	LEF-4	2020		VVV	GENERAL LAB EA	435	2250	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2020-S2	AHU-4	2020		VVV	SUPPLY AIR	505	2320	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2020-E2	LEF-4	2020		VVV	GENERAL LAB EA	410	2225	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2020-EH1	LEF-4	2020		VVV	HAZARDOUS LAB EA	170	955	0.3"	1 / 12Ø	----	----	----	DIGITAL	YES	----	YES	NOTE 3
LTAU-2020-EH2	LEF-4	2020		VVV	HAZARDOUS LAB EA	170	955	0.3"	1 / 12Ø	----	----	----	DIGITAL	YES	----	YES	NOTE 3
LTAU-2002-S1	AHU-5	2002	GENERAL CHEMISTRY LAB	VVV	SUPPLY AIR	505	2320	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2002-E1	LEF-5	2002		VVV	GENERAL LAB EA	435	2250	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2002-S2	AHU-5	2002		VVV	SUPPLY AIR	505	2320	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2002-E2	LEF-5	2002		VVV	GENERAL LAB EA	410	2225	0.3"	1 / 14Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2002-EH1	LEF-5	2002		VVV	HAZARDOUS LAB EA	170	955	0.3"	1 / 12Ø	----	----	----	DIGITAL	YES	----	YES	NOTE 3
LTAU-2002-EH2	LEF-5	2002		VVV	HAZARDOUS LAB EA	170	955	0.3"	1 / 12Ø	----	----	----	DIGITAL	YES	----	YES	NOTE 3
LTAU-2002-ES3	LEF-5	2002		CVV	HAZARDOUS LAB EA	50	50	0.3"	1 / 8Ø	----	----	----	---	---	----	YES	NOTE 5
LTAU-2004-S1	AHU-5	2004	PRINTING LAB	CONV	SUPPLY AIR	375	1795	0.25"	----	16	24	18	DIGITAL	----	----	----	
LTAU-2004-E1	LEF-5	2004		CONV	GENERAL LAB EA	475	1895	0.25"	----	16	24	18	DIGITAL	----	----	----	
LTAU-2009-S1	AHU-5	2009	BIOLOGY LAB	CONV	SUPPLY AIR	500	700	0.25"	----	10	14	12.5	DIGITAL	----	----	----	
LTAU-2009-E1	LEF-5	2009		CONV	GENERAL LAB EA	550	750	0.25"	----	10	14	12.5	DIGITAL	----	----	----	
LTAU-2009-ES1	LEF-5	2009		CVV	HAZARDOUS LAB EA	50	50	0.3"	1 / 8Ø	----	----	----	---	----	----	YES	NOTE 5
LTAU-2010-S1	AHU-5	2010	ADVANCED MATERIAL SCIENCE LAB	CONV	SUPPLY AIR	495	1965	0.25"	----	16	14	12.5	DIGITAL	----	----	----	
LTAU-2010-E1	LEF-5	2010		CONV	GENERAL LAB EA	395	1865	0.25"	----	16	14	12.5	DIGITAL	----	----	----	
LTAU-2016-S1	AHU-5	2016	ADVANCED MATERIAL SCIENCE LAB	VVV	SUPPLY AIR	300	1785	0.3"	2 / 10Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2016-E1	LEF-5	2016		VVV	GENERAL LAB EA	280	1765	0.3"	2 / 10Ø	----	----	----	DIGITAL	YES	YES	----	
LTAU-2016-ES1	LEF-5	2016		CVV	HAZARDOUS LAB EA	110	110	0.3"	1 / 10Ø	----	----	----	---	---	----	YES	NOTE 3
LTAU-2016-ES2	LEF-5	2016		CVV	HAZARDOUS LAB EA	110	110	0.3"	1 / 8Ø	----	----	----	---	---	----	YES	NOTE 5
LTAU-2017-S1	AHU-5	2017	MECHANICS LAB	CONV	SUPPLY AIR	205	820	0.25"	----	10	14	12.5	DIGITAL	----	----	----	
LTAU-2017-E1	LEF-5	2017		CONV	GENERAL LAB EA	205	820	0.25"	----	10	14	12.5	DIGITAL	----	----	----	

LTAU REHEAT COIL EXAMPLE SCHEDULE

MARK	MAX HEATING AIR FLOW CFM	MAX AIR PD IWC	EAT °F	LAT °F	MBH	EWT °F	LWT °F	GPM	COIL RUNOUT (IN)	MAX WATER PD (FT H2O)
RHC- LTU-2001-S1	2800	0.10	55	85	90.7	140	110	6.0	1-1/4	5.0
RHC- LTU-2019-S1	1385	0.10	55	70	22.4	140	110	1.5	3/4	5.0
RHC- LTAU-2019A-S1	3295	0.10	55	70	53.4	140	110	3.6	1	5.0
RHC- LTAU-2020-S1	2320	0.25	55	85	75.2	140	110	5.0	1	5.0
RHC- LTAU-2020-S2	2320	0.25	55	70	37.6	140	110	2.5	3/4	5.0
RHC- LTAU-2002-S1	2320	0.25	55	70	37.6	140	110	2.5	3/4	5.0
RHC- LTAU-2002-S2	2320	0.25	55	70	37.6	140	110	2.5	3/4	5.0
RHC- LTAU-2004-S1	1795	0.10	55	85	58.2	140	110	3.9	1	5.0
RHC- LTAU-2009-S1	700	0.10	55	85	22.7	140	110	1.5	3/4	5.0
RHC- LTAU-2010-S1	1965	0.10	55	85	63.7	140	110	4.2	1	5.0
RHC- LTAU-2016-S1	1785	0.25	55	70	28.9	140	110	1.9	3/4	5.0
RHC- LTAU-2017-S1	820	0.10	55	70	13.3	140	110	0.9	1/2	5.0