

1 A10.25 FUME HOOD SCHEDULE													
SYMBOL	ITEM	SIZE (FT.)	SASH	SERVICES						SERVICES LOC.		NOTES	
				Air	Gas	Vacuum	Argon	High Air	Cold Water	110V Elec	LH		RH
STANDARD FUME HOODS													
FH4	BENCH MOUNTED HOOD	4'-0"	VERTICAL	X	X	X			X	BOTH SIDES		X	1,2,8
FH5	BENCH MOUNTED HOOD	5'-0"	VERTICAL	X	X	X			X	BOTH SIDES		X	1,2,5,6,7,8
FH6	BENCH MOUNTED HOOD	6'-0"	VERTICAL	X	X	X	X	X	X	BOTH SIDES	X	X	1,2,5,7,8
INSTRUCTIONAL FUME HOODS													
FH5FV	FULL VIEW HOOD	5'-0"	VERTICAL	X	X	X			X	BOTH SIDES		BELOW	1,5,6,7,8
BARRIER-FREE FUME HOODS													
FH6HC	BENCH MOUNTED ACCESSIBLE HOOD	6'-0"	VERTICAL	X	X	X			X	BOTH SIDES		X	1,2,5,8
FH4HC	BENCH MOUNTED ACCESSIBLE HOOD	4'-0"	VERTICAL	X	X	X	X	X	X	BOTH SIDES		X	1,2,5,6,8
RADIOISOTOPE FUME HOODS													
FH4RI	BENCH MOUNTED RADIOISOTOPE HOOD	4'-0"	VERTICAL	X	X	X			X	BOTH SIDES		X	1,2,4,8

- NOTES:
- ALL FUME HOODS TO HAVE 1 1/4" MARINE EDGE EPOXY TOPS U.O.N. SEE SPECIFICATION SECTION 11610.
 - SEE SERVICE FITTING SCHEDULE FOR COORDINATION OF MATERIALS AND FITTINGS.
 - NOT USED
 - RADIOISOTOPE HOOD TO BE STAINLESS STEEL CONSTRUCTION PER MFRS. STANDARD.
 - PROVIDE EACH HOOD IN CH-(280, 281, 330, 331, 332, 345), BY-(390, 580), PG-(203) WITH STEAM FITTING. PROVIDE HOOD ON WEST WALL OF BY-(310) WITH STEAM FITTING.
 - PROVIDE EACH HOOD IN CH-(281, 331) WITH ARGON FITTING (CONNECTED TO MANIFOLD SYSTEM) AND HIGH VAC FITTING (CONNECTED TO VACUUM PUMPS BY OWNER).
 - PROVIDE EACH HOOD IN CH-(280, 281, 330, 331) WITH POLYPROPYLENE FLEXIFRAMES, MIN. 6" FROM REAR WALL OF HOOD.
 - SEE ELEVATIONS, SECTIONS, AND DETAILS ON SHEET A-10.26
 - PROVIDE 4" RESILIENT BASE AT ALL HOOD CABINETS.


2 A10.25 SERVICE FITTING SCHEDULE							
SYMBOL	ITEM	PRESSURE RATING	DESCRIPTION	MARKLAB (EPOXY)	WATERSAVER (CHROME)	CHICAGO FAUCET (CHROME)	NOTES
BENCH MOUNTED FITTINGS							
M	MIX (H/C)		6" RIGID SWING GOOSENECK W/VACUUM BREAKER	85334US	L414VB-BH	930-317	
CW	COLD WATER		6" RIGID GOOSENECK	85094EC	L611VB	928	
DI	DEIONIZED (PURE WATER)		POLYPROPYLENE W/ FULL RECIRC.	82785PD	L7837	828 RECIR.	
PR	PRERINSE (H/C) MIX					919	
A	COMPRESSED AIR	125 PSI	NEEDLE VALVE	83852U/83882U	L2880-131 & 132S	981 & 981 937CH957-3KAIR	
G	NATURAL GAS	125 PSI	NEEDLE VALVE	83852U/83882U	L2880-131 & 132S	981 & 981 937CH957-3KGAS	
V	VACUUM AIR	125 PSI	NEEDLE VALVE	83852U/83882U	L2880-131 & 132S	981 & 981 937CH957-3KVAC	
PANEL/WALL MOUNTED FITTINGS							
A	COMPRESSED AIR	125 PSI	NEEDLE VALVE	83952U	L2880-158	986-937CHAIR	PROVIDE PRESSURE REGULATOR IN ROOM 468 SPECTROSCOPY, SEE PLAN.
G	NATURAL GAS	125 PSI	NEEDLE VALVE	83952U	L2880-158	986-937CHGAS	
V	VACUUM AIR	125 PSI	NEEDLE VALVE	83952U	L2880-158	986-937CHVAC	
Ar	ARGON	125 PSI	NEEDLE VALVE	83952U	L2880-158	986-937CHARGON	
Hv	HIGH VACUUM AIR	125 PSI	NEEDLE VALVE	83952U	L2880-158	986-937CHHPAIR	
St	STEAM	20 PSI	STEAM VALVE	83902PS	L2890	937ST	
SAFETY DEVICES							
DH/EW	DRENCH HOSE / EYEWASH		TWO HEADS, 45 DEGREES ANGLE, STAY-OPEN CLIP	B-S19-465EFW	EW 1022	9305-NF	
SS	SAFETY SHOWER		FLANGED HEAD, FULL ROD & GUIDEPLATE	B-S19-120FM	ES629	9101-NF	
EW	COMBO EYEWASH / SAFETY SHOWER		RECESSED ST-STL. BARRIER-FREE		SSBF971	9106/9006-NF	
FUMEHOOD LOCATION							
A	COMPRESSED AIR		REMOTE CONTROL NEEDLE VALVE	88332U	L740N-LR	1322-986EXTAIR	
G	NATURAL GAS		REMOTE CONTROL NEEDLE VALVE	88332U	L740N-LR	1322-986EXTGAS	
V	VACUUM AIR		REMOTE CONTROL NEEDLE VALVE	88332U	L740N-LR	1322-986EXTVAC	
St	STEAM		REMOTE CONTROL STEAM VALVE	880430S	L740S-LR	1322-986EXT	
Ar	ARGON		REMOTE CONTROL NEEDLE VALVE	88332U	L740N-LR	1322-986EXTARGON	
CW	COLD WATER		REMOTE CONTROL WATER VALVE	88302UC	L2885W-5	1322-988L-979-IK	

- GENERAL NOTES:
- ALL SINKS TO BE PROVIDED WITH H/C MIXING FAUCET. SEE PLAN FOR ADD'L FITTINGS.
 - PROVIDE FLANGES AND MOUNTING SHANKS AS REQUIRED FOR WALL MOUNTED, BENCHMOUNTED OR PANEL MOUNTED FITTINGS.
 - PROVIDE REMARKABLE SERRATED HOSE END AT ALL FITTINGS.
 - PROVIDE SAFETY SIGNS AT SAFETY DEVICES.
 - SEE PLAN DETAILS ON A-10.26.
 - COORDINATE REMOTE CONTROL FITTINGS WITH MOUNTING CONDITION OF FUMEHOOD STYLE.

FUMEHOOD AND SERVICE FITTINGS SCHEDULES

A-10.25

01-14-03

REVISIONS	DATE	NORTHERN KENTUCKY UNIVERSITY NATURAL SCIENCE BUILDING		PHASE C
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RECORD DATE		DRAWN BY ARJWR		DRAWING NO. A-10.25
CHECKED BY SCH		COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DIVISION OF ENGINEERING DEPARTMENT FOR FACILITIES MANAGEMENT FRANKFORT, KENTUCKY		REVIEWED DIV. OF ENGR.
A & E FILE NO.		 Omni Architects		ENGR. FILE NO.
DATE 06/99		AGENCY AUTHORIZED AGENT		DATE
DIVISION OF ENGINEERING		APPROVED FOR PROGRAM CONCEPT ONLY		DATE
		APPROVED FOR PROGRAM CONCEPT ONLY		DATE

