

AIR HANDLING UNIT SCHEDULE (AHU)																												
TAG	CONFIGURATION	AIRFLOW (CFM)	OA (CFM)	ESP (in.)	MOTOR TYPE	S&R PIPING CONNECTION (in.)	COOLING							HEATING			ELECTRICAL				UNIT DIMENSIONS L x W x H (IN.)	UNIT WEIGHT (LBS.)	BASIS OF DESIGN		COMMENTS			
							TOTAL CAPACITY MBH	SENS. CAPACITY MBH	EAT DB/WB	LAT DB/WB	COIL ROWS	GPM	Water PD (ft)	EWLT / LWLT (°F)	Total MBH	GPM	Water PD (ft)	EWLT / LWLT (°F)	V/PH	FAN HP			FLA (Amps)	MCA (Amps)		MCOP (Amps)	MANUFACTURER	MODEL
AHU-LL.2	DIRECT DRIVE HORIZONTAL	1,820	75	0.25	PSC	1.125"	27.8	20.2	75/63	61.0/57.8	4	6.1	0.63	50.0/60.1	139.1	6.1	0.57	170 / 124.3	208/1	(2)1/4	4	4.5	15	68x 33 x 16.75	170	JOHNSON CONTROLS	FNP20	1-16
AHU-LL.3, 1.1	DIRECT DRIVE HORIZONTAL	1,220	LL.3- 95 1.1- 50	0.25	PSC	0.875"	20.6	20.2	75/63	59.8/57.3	4	4.4	1.89	50.0/60.1	94.0	4.4	1.38	170 / 126.9	208/1	(2) 1/6	2	2.25	15	49 x 33 x 16.75	141	JOHNSON CONTROLS	FNP12	1-16
AHU-LL.4	DIRECT DRIVE HORIZONTAL	1,800	210	0.25	PSC	1.125"	34.8	31.7	75/63	59.1/56.4	4	7.6	15.73	50.0/60.1	125.1	4.2	4.49	170 / 110.4	208/1	(2) 1/4	4	4.5	15	59 x 33 x 16.75	157	JOHNSON CONTROLS	FNP16	1-16
AHU-LL.5	DIRECT DRIVE VERTICAL	2,500	350	0.5	ECM	1.375"	71.8	51.8	75/65	56.4/55.6	4	25	3.43	50.0/55.7	189.8	7	0.28	170/114.4	208/1	(2)3/4	14.6	16.43	20	30x68x59	526	JOHNSON CONTROLS	AVD40	1-16
AHU-LL.6	DIRECT DRIVE HORIZONTAL	956	34	0.25	PSC	0.875"	14.9	14.3	75/63	61.4/57.7	3	3.3	8.8	50.0/60.1	65.4	3.3	6.78	170 / 130.3	208/1	1/4	2	2.5	15	44 x 33 x 16.75	101	JOHNSON CONTROLS	FNP10	1-16
AHU-LL.7	DIRECT DRIVE HORIZONTAL	1,840	145	0.25	PSC	1.125"	37.7	34.2	75/63	58.2/56	4	8.1	9.4	50.0/60	118.6	3.3	1.54	170 / 98.2	208/1	(2)1/4	4	4.5	15	68x 33 x 16.75	170	JOHNSON CONTROLS	FNP20	1-16
AHU-LL.8, 1.3	DIRECT DRIVE HORIZONTAL	781	LL.8- 50 1.3- 55	0.25	PSC	0.875"	11.2	11.2	75/63	61.9/58.1	4	2.5	0.75	50.0/60.1	57.3	2.5	0.55	170 / 124.1	208/1	1/4	1.6	2	15	40 x 33 x 16.75	95	JOHNSON CONTROLS	FNP08	1-16
AHU-LL.9, 1.7	DIRECT DRIVE HORIZONTAL	1,521	LL.9-180, 1.7-88	0.25	PSC	1.125"	23.6	23.5	75/63	60.9/57.7	4	5.3	1.36	50.0/60.1	113.0	5.3	1.06	170 / 127.3	208/1	(2) 1/4	3.2	3.6	15	54 x 33 x 16.75	150	JOHNSON CONTROLS	FNP14	1-16
AHU-LL.10	DIRECT DRIVE HORIZONTAL	849	70	0.25	PSC	0.875"	12.4	12.1	75/63	62/58	3	2.8	5.82	50.0/60.1	56.0	2.8	4.12	170 / 130	208/1	1/4	1.6	2	15	40 x 33 x 16.75	95	JOHNSON CONTROLS	FNP08	1-16
AHU-1.4	BELT DRIVE HORIZONTAL	2,841	80	0.5	-	1.125"	82.8	59.9	75/63	56/55.5	6	16.5	10.08	50.0/60.1	273	16.5	8.67	170/136.1	208/1	1 1/2	1.7	2.13	15	46x68x30	336	JOHNSON CONTROLS	AH140	1-16
AHU-1.5	DIRECT DRIVE VERTICAL	1,640	130	0.5	ECM	0.875"	36.5	28.0	75/65	59.6/57.8	3	7.6	8.53	50.0/60	88.1	7.6	7.49	170 / 131.6	208/1	(2)1/3	5.6	6.3	15	46 x 18 x 48	134	JOHNSON CONTROLS	FCC820	1-17
AHU-1.6	DIRECT DRIVE HORIZONTAL	540	20	0.25	PSC	0.875"	6.0	6.6	75/63	65/59.3	6	1.4	0.2	50.0/60.1	38.7	1.4	0.18	170 / 114.5	208/1	1/6	1	1.25	15	35 x 33 x 16.75	95	JOHNSON CONTROLS	FNP06	1-16
AHU-1.8	NOT USED																											

- Comments
- 1

EQUIVALENT BY TRANE, YORK, CARRIER OR APPROVED EQUAL
- 2

DUAL TEMPERATURE COIL
- 3

SINGLE POINT POWER CONNECTION
- 4

ALL UNITS TO BE FURNISHED WITH 2-WAY MODULATING VALVES, EXCEPT THE ONES INDICATED ON THE DT RISER DIAGRAM AS 3-WAY TERMINALS
- 5

INTEGRAL DISCONNECT SWITCH
- 6

PROVIDE A UL LISTED CONDENSATE DETECTION DEVICE ON THE UNITS PRIMARY DRAIN PAN WALL. INTERLOCK SENSOR WITH AIR HANDLER. PROVIDE A SECONDARY PAN UNDER THE HORIZONTAL UNITS
- 7

UNIT FURNISHED PIPING PACKAGE BALANCING VALVE SHUTOFF VALVES (2), STRAINER, UNIONS, NYLON REINFORCED HOSE WITH STAINLESS STEEL OUTER COVERING
- 8

VERTICAL FAN COIL UNIT WALL MOUNTED, WALL MOUNTED THERMOSTAT, SS DRAIN PAN EXTERNALLY INSULATED, FOIL FACE INSULATED.
- 9

HORIZONTAL FAN COIL UNIT CEILING MOUNTED OR SUSPENDED, WALL MOUNTED THERMOSTAT, SS DRAIN PAN EXTERNALLY INSULATED, FOIL FACE INSULATED.
- 10

1" THROWAWAY FILTER
- 11

PROVIDE WITH ACCESS PANEL
- 12

HIGH EXTERNAL STATIC PRESSURE MOTORS
- 13

VIBRATION ISOLATION HANGERS
- 14

INLET/OUTLET DUCT COLLARS
- 15

CONDENSATE PIPING-FURNISH AND INSTALL CONDENSATE PUMP, 120V/1PH. 6 FT. POWER CORD. IMPACT RESISTANT INTEGRAL CHECK VALVE. STAINLESS STEEL MOTOR/PUMP SHAFT. 25GPH. 15 FTHD. 1/30 HP. LITTLE GIANT "VCMA" SERIES OR EQUIVALENT. PUMP SHALL BE HARDWIRED FOR ABOVE CEILING APPLICATIONS.
- 16

INSTALL UV C SYSTEM TO PROVIDE 2,000 MICROWATTS PER CM2 FO FREE DUCT AREA
- 17

BOTTOM RETURN

LOUVER SCHEDULE																
TAG	USE	WIDTH (IN.)	HEIGHT (IN.)	DEPTH (IN.)	AIRFLOW (CFM)	FREE AREA (SQ. FT.)	AIR SPEED (FPM)	PRESSURE DROP (IN. W.C.)	WP. VEL* (FPM)	DAMPER	FINISH	SCREEN	MATERIAL	MANUFACTURER	MODEL NO.	COMMENTS
L-1.1	INTAKE	10	8	4	60	0.1	782	0.06	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	OFFICES VENTILATION INTAKE LOUVER
L-1.2	INTAKE	10	8	4	40	0.1	436	0.03	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	OFFICES VENTILATION INTAKE LOUVER
L-1.3	INTAKE	10	10	4	120	0.1	868	0.12	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	OFFICES AND KITCHEN VENTILATION INTAKE LOUVER
L-1.4	INTAKE	10	10	4	120	0.1	868	0.12	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	GROUND LEVEL OFFICES VENTILATION INTAKE LOUVER
L-LL.5I	INTAKE	32	32	4	350 -3000	3.2	937	0.14	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL CLASSROOM #1 VENTILATION INTAKE LOUVER
L-LL.5R	RELIEF	30	30	4	350 -3000	2.8	1,087	0.19	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL CLASSROOM #1 VENTILATION RELIEF LOUVER
L-LL.4	INTAKE	12	12	4	210	0.3	830	0.3	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL CLASSROOM #2 VENTILATION INTAKE LOUVER
L-LL.9	INTAKE	12	12	4	250	0.3	989	0.3	1,025	YES, M.O.D.	BY ARCH.	BIRDSCREEN	ALUMINUM	POTTORF	EDD-445	LOWER LEVEL OFFICES VENTILATION INTAKE LOUVER

- COMMENTS
- 1

PROVIDE INSULATED DRAINABLE PLENUM. REFER TO DETAIL.
- 2

UNLESS OTHERWISE INDICATED, PROVIDE DUCT CONNECTION FROM PLENUM AND 45 DEGREE TRANSITION TO THE FULL SIZE OF DUCT ON DRAWING.
- 3

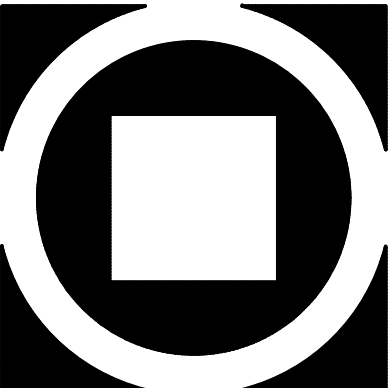
PROVIDE LOUVER FRAMES TO SUIT WALL CONSTRUCTION.
- 4

COORDINATE FINAL LOUVER SELECTIONS AND COLORS WITH ARCHITECT.

* WP. VEL. = WATER PENETRATION VELOCITY PER MANUFACTURERS' LITERATURE

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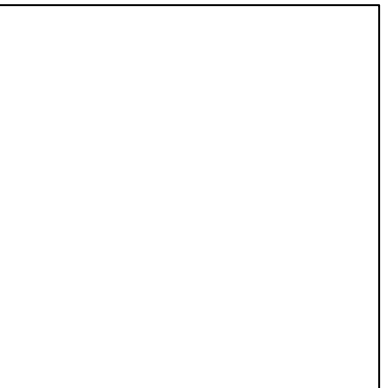


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