

AIR DEVICE SCHEDULE																			
MARK	SIZE		TYPE	MNFR	MODEL NO.	MATERIAL		FINISH	ACCESSORIES		MOUNTING		MTG HT.		THROW		MAX. NC	MAX. LOSS IN. W.C.	NOTES
	FACE	NECK				STEEL (STL)	ALUMINUM (AL)		OFF WHITE	OFF WHITE	OFF WHITE	OFF WHITE	OFF WHITE	OFF WHITE	OFF WHITE	OFF WHITE			
A	14x14	8x8	*	*	SDMP3	*	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5
B	14x14	10x10	*	*	SDMP3	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
C	14x14	12x12	*	*	SDMP3	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
D	14x14	12x12	*	*	SDMP3R	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
E	20x20	18x18	*	*	SDMP3R	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
F	24x24	8x8	*	*	SDMP3L	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
G	24x24	10x10	*	*	SDMP3L	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
H	24x24	12x12	*	*	SDMP3L	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
I	24x24	12x12	*	*	SDMP3RL	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
J	24x24	18x18	*	*	SDMP3RL	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2,4,5	
K	48x2	-	*	*	SEG-9L53	*	*	*	*	*	*	*	*	*	*	30	0.05	1,4,5	
L	48x2	-	*	*	SEG-9L53	*	*	*	*	*	*	*	*	*	*	30	0.05	1,4,5	
M	24x24	6"	*	*	TMS-AA	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2;	
N	24x24	8"	*	*	TMS-AA	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2;	
O	24x24	10"	*	*	TMS-AA	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2;	
P	24x24	6x6	*	*	PAR-AA	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2;	
Q	24x24	10x10	*	*	PAR-AA	*	*	*	*	*	*	*	*	*	*	30	0.05	1,2;	

- NOTES
- INSTALL PER MANUFACTURER'S RECOMMENDATION.
  - PROVIDE TRANSITION FROM DUCT RUNOUT TO DEVICE COLLAR.
  - PROVIDE R-6 INSULATION BLANKET FOR BACK OF DIFFUSER.
  - ANTI-LIGATURE DEVICE.
  - PROVIDE ANGLE FRAME, SCREWS AND OTHER NECESSARY HARDWARE TO SECURE DEVICE TO CEILING SURFACE. ALL CONNECTION HARDWARE SHALL BE TAMPER PROOF.

EXISTING PUMP MODIFICATIONS						
MARK	FROM AS-BUILT PLANS			FROM TEST REPORT (NOTE 1)		NOTES
	CAPACITY G.P.M.	WATER HEAD FT. W.G.	MAX. MOTOR HP.	WIDE-OPEN G.P.M.	WATER HEAD FT. W.G.	
CHWP-1	1185	128	75	1850	111	3,5
HWHP-1	530	143	40	1180	62	2,4,5
HWHP-2	530	143	40	1125	54	2,4,5

NOTES

- TEST REPORT ON MEASUREMENTS CONDUCTED 9/20/18 BY TAB SERVICES.
- FLOW ASSUMED EQUALLY DIVIDED BETWEEN PARALLEL PUMPS. ALL PARALLEL PUMPS SHALL RUN AT EQUAL SPEED.
- THE 5TH FLOOR REQUIRED CHW FLOW INCREASE IS 130 GPM. CONTRACTOR TO INCREASE CHWPS CAPACITY AS REQUIRED.
- THE 5TH FLOOR REQUIRED HW FLOW INCREASE IS 50 GPM. CONTRACTOR TO INCREASE HWPS CAPACITY AS REQUIRED.
- MEASURE EXISTING WATER FLOW PRIOR TO ANY DEMOLITION. DRIVE CONTROL VALVES FULL OPEN AND TAKE READINGS. AT COMPLETION OF PROJECT REQUIRED FLOW INCREASE TO MEASURED VALUES. RESET DP SETPOINTS AND CONFIRM WATER FLOWS. WATER FLOW READINGS REQUIRE ULTRASONIC MEASUREMENTS.

SA V.A.V. TERMINAL SCHEDULE																			
MARK	VAV-	CLG. MAX. C.F.M.	HTG. MAX. C.F.M.	SHUT/OFF REHEAT	VENTURI VALVE	MNFR	MODEL NO.	PRESSURE DESIGN INLET STATIC IN. W.G.	DUCT CONN. INLET	HEATING COIL				WATER TEMP. ENT. LVG.	AIR FRICTION IN. W.G.	NOTES			
										HOT WATER ELECTRIC	AIR TEMP. ENT. LVG.	CAP. MBH	G.P.M.				WATER PRESS. DROP FT. W.G.		
VAV-5-1		310	147	*	*	*	DESV	1	5	*	55/95	6.4	0.6	0.2	180/160	0.05	1,2,3,4;		
VAV-5-2		336	131	*	*	*	DESV	1	5	*	55/95	5.7	0.6	0.1	180/160	0.06	1,2,3,4;		
VAV-5-3		324	130	*	*	*	DESV	1	5	*	55/95	5.6	0.6	0.1	180/160	0.05	1,2,3,4;		
VAV-5-4		345	131	*	*	*	DESV	1	5	*	55/95	5.7	0.6	0.1	180/160	0.06	1,2,3,4;		
VAV-5-5		291	100	*	*	*	DESV	1	5	*	55/95	4.3	0.4	0.1	180/160	0.04	1,2,3,4;		
VAV-5-6		280	110	*	*	*	DESV	1	5	*	55/95	4.8	0.5	0.1	180/160	0.04	1,2,3,4;		
VAV-5-7		280	110	*	*	*	DESV	1	5	*	55/95	4.8	0.5	0.1	180/160	0.04	1,2,3,4;		
VAV-5-8		336	131	*	*	*	DESV	1	5	*	55/95	5.7	0.6	0.1	180/160	0.06	1,2,3,4;		
VAV-5-9		326	131	*	*	*	DESV	1	5	*	55/95	5.7	0.6	0.1	180/160	0.05	1,2,3,4;		
VAV-5-10		301	127	*	*	*	DESV	1	5	*	55/95	5.6	0.6	0.1	180/160	0.05	1,2,3,4;		
VAV-5-11		894	281	*	*	*	DESV	1	9	*	55/95	12.1	1.2	5.8	180/160	0.12	1,2,3,4;		
VAV-5-12		330	132	*	*	*	DESV	1	5	*	55/95	5.7	0.6	0.1	180/160	0.06	1,2,3,4;		
VAV-5-14		337	241	*	*	*	DESV	1	5	*	55/95	5.7	0.6	0.1	180/160	0.14	1,2,3,4;		
VAV-5-15		288	115	*	*	*	DESV	1	5	*	55/95	5.6	0.5	0.1	180/160	0.04	1,2,3,4;		
VAV-5-16		424	187	*	*	*	DESV	1	6	*	55/95	6.8	0.8	0.8	180/160	0.09	1,2,3,4;		
VAV-5-17		801	801	*	*	*	DESV	1	9	*	55/95	34.6	3.5	0.3	180/160	0.19	1,2,3,4;		
VAV-5-18		803	363	*	*	*	DESV	1	9	*	55/95	15.7	1.6	0.7	180/160	0.08	1,2,3,4;		
VAV-5-19		253	76	*	*	*	DESV	1	5	*	55/95	3.3	0.3	0.1	180/160	0.04	1,2,3,4;		
VAV-5-20		449	449	*	*	*	DESV	1	6	*	55/95	19.4	2.0	0.2	180/160	0.22	1,2,3,4;		
VAV-5-21		259	76	*	*	*	DESV	1	5	*	55/95	3.4	0.3	0.1	180/160	0.06	1,2,3,4;		
VAV-5-22		578	578	*	*	*	DESV	1	6	*	55/95	25.0	2.5	0.3	180/160	0.21	1,2,3,4;		
VAV-5-23		398	398	*	*	*	DESV	1	6	*	55/95	17.2	1.8	0.2	180/160	0.18	1,2,3,4;		
VAV-5-24		533	160	*	*	*	DESV	1	7	*	55/95	6.9	0.7	0.2	180/160	0.08	1,2,3,4;		
VAV-5-25		642	193	*	*	*	DESV	1	7	*	55/95	8.3	0.8	0.3	180/160	0.11	1,2,3,4;		
VAV-5-26		297	297	*	*	*	DESV	1	5	*	55/95	12.8	1.3	0.1	180/160	0.11	1,2,3,4;		
VAV-5-27		762	228	*	*	*	DESV	1	8	*	55/95	9.9	1.0	0.7	180/160	0.14	1,2,3,4;		
VAV-5-28		430	430	*	*	*	DESV	1	6	*	55/95	8.7	0.9	1.9	180/160	0.09	1,2,3,4;		
VAV-5-30		641	193	*	*	*	DESV	1	7	*	55/95	12.1	1.2	5.2	180/160	0.11	1,2,3,4;		
VAV-5-31		703	228	*	*	*	DESV	1	7	*	55/95	12.1	1.2	5.8	180/160	0.08	1,2,3,4;		
VAV-5-32		170	170	*	*	*	DESV	1	6	*	55/95	7.3	0.7	0.4	180/160	0.10	1,2,3,4;		
VAV-5-33		476	169	*	*	*	DESV	1	6	*	55/95	7.3	0.7	0.4	180/160	0.10	1,2,3,4;		
VAV-5-34		557	167	*	*	*	DESV	1	7	*	55/95	7.2	0.7	0.2	180/160	0.08	1,2,3,4;		
VAV-5-35		505	152	*	*	*	DESV	1	7	*	55/95	6.5	0.7	0.2	180/160	0.07	1,2,3,4;		
VAV-5-36		58	58	*	*	*	DESV	1	5	*	55/95	2.5	0.3	0.1	180/160	0.02	1,2,3,4;		
VAV-5-37		241	103	*	*	*	DESV	1	5	*	55/95	4.4	0.5	0.1	180/160	0.03	1,2,3,4;		
VAV-5-38		206	87	*	*	*	DESV	1	5	*	55/95	3.8	0.4	0.1	180/160	0.02	1,2,3,4;		
VAV-5-39		284	129	*	*	*	DESV	1	5	*	55/95	5.6	0.6	0.1	180/160	0.04	1,2,3,4;		
VAV-5-40		284	129	*	*	*	DESV	1	5	*	55/95	5.6	0.6	0.1	180/160	0.04	1,2,3,4;		
VAV-5-41		284	129	*	*	*	DESV	1	5	*	55/95	5.6	0.6	0.1	180/160	0.04	1,2,3,4;		
VAV-5-42		832	288	*	*	*	DESV	1	9	*	55/95	12.4	1.3	0.2	180/160	0.09	1,2,3,4;		
VAV-5-43		428	129	*	*	*	DESV	1	6	*	55/95	5.6	0.6	0.1	180/160	0.09	1,2,3,4;		
VAV-5-44		408	122	*	*	*	DESV	1	6	*	55/95	5.3	0.5	0.1	180/160	0.08	1,2,3,4;		
VAV-5-45		286	129	*	*	*	DESV	1	5	*	55/95	5.6	0.6	0.1	180/160	0.04	1,2,3,4;		
VAV-5-46		265	146	*	*	*	DESV	1	5	*	55/95	6.3	0.6	0.2	180/160	0.04	1,2,3,4;		
VAV-5-48		56	56	*	*	*	DESV	1	4	*	55/95	2.4	0.2	0.1	180/160	0.01	1,2,3,4;		
VAV-5-50		54	54	*	*	*	DESV	1	4	*	55/95	2.3	0.2	0.1	180/160	0.01	1,2,3,4;		
VAV-5-51		64	64	*	*	*	DESV	1	4	*	55/95	2.8	0.3	0.1	180/160	0.01	1,2,3,4;		
VAV-5-52		81	81	*	*	*	DESV	1	4	*	55/95	1.0	0.1	0.1	180/160	0.01	1,2,3,4;		

- NOTES
- PRIMARY AIR VALVE C.F.M. SHALL NOT EXCEED MANUFACTURER'S 'NOMINAL C.F.M.'.
  - PROVIDE 120V/240V CONTROL POWER TRANSFORMER FOR EACH UNIT.
  - ALL UNITS TO BE VAV. SOME WILL OPERATE AS CAV AS REQUIRED BY CONTROLS.
  - PROVIDE DUCT TRANSITION FROM TERMINAL OUTLET TO DUCT SHOWN ON PLANS.

UNIT HEATER SCHEDULE														
MARK	C.F.M.	MNFR	MODEL NO.	PERFORMANCE		MAX. DIMENSIONS			MOTOR		PIPE SIZE		NOTES	
				MBH	G.P.M.	LENGTH	WIDTH	HEIGHT	R.P.M.	H.P.	S IN.	R IN.		
UH-1	280	*	UHS-16S	0.2	0.01	20	16	14	1/50	1075	3/4	3/4	1,2;	
UH-2	280	*	UHS-16S	0.2	0.01	20	16	14	1/50	1075	3/4	3/4	1,2;	

- NOTES
- INSTALL PER MANUFACTURER'S RECOMMENDATION. MOUNT AT HEIGHT RECOMMENDED BY MANUFACTURER.
  - COORDINATE INSTALLATION WITH DUCTWORK, PIPING, ELECTRICAL, PLUMBING AND STRUCTURAL. HEATER AIR DISCHARGE SHALL NOT BE LESS THAN 5 FEET FROM ANY OBSTRUCTIONS. ADJUST POSITION AS NECESSARY.

CABINET HEATER SCHEDULE															
MARK	C.F.M.	MNFR	MODEL NO.	PERFORMANCE		MAX. DIMENSIONS, IN			MOTOR		PIPE SIZE		NOTES		
				MBH	G.P.M.	LENGTH	WIDTH	HEIGHT	R.P.M.	H.P.	S IN.	R IN.			
CH-5-1	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-2	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-3	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-4	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-5	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-6	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-7	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-8	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-9	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4	3/4	81	1,2;
CH-5-10	250	*	FFCB 020	9.2	0.9	6.0	28	29	10.5	0.070	1110	3/4</			