

VAV TERMINAL UNIT SCHEDULE										
ITEM	TITUS MODEL	INLET SIZE	PRIMARY CFM		HEATING			FAN		NOTES
			MIN	MAX	EAT (F)	CFM	KW (208V/1 ϕ)	HP	FLA	
F 1-9	TQP SIZE 4	12 ϕ	325	1,080	58	425	4.0	1/2	3.2	①②③
F 2-9	TQP SIZE 4	12 ϕ	325	1,220	61	650	5.0	1/2	3.2	①②③
<p>① FAN POWERED PARALLEL VAV TERMINAL UNIT. FURNISH WITH 208/1ϕ 2-STEP ELECTRIC REHEAT COIL. HEATING CAPACITY BASED ON SA FLOW AND EAT INDICATED WITH 85-90F LAT. PROVIDE AUTOMATIC RESET HIGH LIMIT THERMAL CUT-OUT AND POSITIVE PRESSURE AIRFLOW SWITCH.</p> <p>② FURNISH WITH 208V/1ϕ SINGLE POINT ELECTRICAL CONNECTION, DOOR INTERLOCK DISCONNECT SWITCH, INTEGRAL CONTROLS TRANSFORMER, AND TERMINAL STRIP FOR INTERFACE WITH EXISTING ATC SYSTEM.</p> <p>③ PROVIDE 1" THICK DISPOSABLE FILTER FOR INDUCED AIR INLET.</p>										

DIFFUSER & GRILLE SCHEDULE										
SUPPLY AIR				RETURN or EXHAUST AIR						
ITEM	NECK SIZE	CFM RANGE	TYPE	ITEM	NECK SIZE	CFM RANGE	TYPE			
①	6" ϕ - 6 X 6	0 - 90	S1	①	6" ϕ - 6 X 6	0 - 80	R1			
②	8" ϕ - 8 X 8	91 - 160		②	8" ϕ - 8 X 8	81 - 140				
③	10" ϕ - 10 X 10	161 - 250		③	10" ϕ - 10 X 10	141 - 215				
④	12" ϕ - 12 X 12	251 - 360		④	12" ϕ - 12 X 12	216 - 315				
⑤	14" ϕ - 14 X 14	361 - 460		⑤	14" ϕ	316 - 430				
⑥	16" ϕ - 16 X 16	461 - 561		⑥	16" ϕ	431 - 560				
⑦	6 X 6	0 - 125	S2	⑦	18 X 18	561 - 900				
⑧	8 X 8	126 - 250		⑧	22 X 22	901 - 1,345				
⑨	12 X 8	251 - 350								
⑩	18 X 8	351 - 550								
⑪	20 X 12	551 - 1000								
⑫	6" ϕ	0 - 150	S3							
⑬	8" ϕ	151 - 250								
⑭	10" ϕ	251 - 350								
⑮	12" ϕ	351 - 500								
⑯	14" ϕ	501 - 700								
⑰	16" ϕ	701 - 950								

DIFFUSER & GRILLE SPECIFICATIONS										
SUPPLY AIR										
TYPE S1: TITUS MODEL PCS PERFORATED, FLUSH FACE DIFFUSER WITH ADJUSTABLE, CURVED DEFLECTING VANES, BORDER TYPE 3 WITH 24" X 24" MODULE SIZE FOR LAY-IN CEILINGS. VERIFY FINISH WITH ARCHITECT.										
TYPE S2: TITUS MODEL 300RS DOUBLE DEFLECTION SIDE WALL SUPPLY AIR GRILLE. VERIFY FINISH WITH ARCHITECT.										
TYPE S3: TITUS MODEL TMRA ROUND CEILING DIFFUSER. VERIFY FINISH WITH ARCHITECT.										
RETURN/EXHAUST AIR										
TYPE R1: TITUS MODEL PAR PERFORATED FLUSH FACE GRILLE. BORDER TYPE 3 WITH 24" X 24" MODULE SIZE FOR LAY-IN CEILINGS. VERIFY FINISH WITH ARCHITECT.										
LEGEND:										
④ (500/2) = ITEM ④ AIR DEVICE WITH 2 WAY THROW FOR 500 CFM SA. THROW SHALL BE 4 WAY UNLESS NOTED OTHERWISE.										
④ (500) = ITEM ④ AIR DEVICE FOR 500 CFM RA.										
① CONTRACTOR SHALL VERIFY BORDER TYPES WITH CEILING CONSTRUCTION OR INSTALLATION APPLICATION PRIOR TO PURCHASING AIR DEVICES.										

DUCTLESS SPLIT SYSTEM SCHEDULE																									
ITEM		SERVICE	MITSUBISHI MODEL NUMBER (INDOOR UNIT) (OUTDOOR UNIT)	HEATING CYCLE					COOLING CYCLE					REFRIGERANT TYPE	FAN COIL UNIT				CONDENSING UNIT				NOTES		
FAN COIL	COND UNIT			EAT	TOTAL (MBH)	SENSIBLE (MBH)	AMBIENT TEMP (F)	COP	EAT	DB (F)	WB (F)	TOTAL (MBH)	SENSIBLE (MBH)		AMBIENT TEMP (F)	SEER (ARI)	SUPPLY AIR (CFM)	FAN MCA (A)	FAN MOCP (A)	V/PH	MAX OPERATING WEIGHT (LBS)	UNIT MCA (A)		UNIT MOCP (A)	V/PH
AC 1	CU 1	FIRST FLOOR VDS ROOM	PLA-A36 PUY-A36	N/A	N/A	N/A	N/A	N/A	75	62.5	35	-	95	14.2	R-410A	-	2.0	15	208/1	75	25.0	40	208/1	200	②③④
<p>① PERFORMANCE FOR OPERATION AT SEA LEVEL.</p> <p>② FURNISH WITH INTEGRAL CONDENSATE PUMP, THERMOSTAT, AND LOW AMBIENT KIT. COORDINATE ELECTRICAL REQUIREMENTS OF CONDENSATE PUMP WITH ELECTRICAL CONTRACTOR.</p> <p>③ CEILING-RECESSED CASSETTE AIR CONDITIONER. SUSPEND FROM STRUCTURE ABOVE INDEPENDENT OF CEILING GRID.</p> <p>④ MOUNT CONDENSING UNIT ON UNISTRUT SUPPORTS AND PROTECT / MODIFY ROOF PER LANDLORD REQUIREMENTS.</p>																									



DRAWING ISSUE LOG										
NO.	DESCRIPTION	DATE	BY	REVISION						

CARPENTER SELLERS DEL GRITTO
ARCHITECTS

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MECHANICAL SCHEDULES
A COMMERCIAL TENANT IMPROVEMENT FOR
UNIVERSITY OF PHOENIX - WEST PALM BEACH, FL
7111 FAIRWAY DRIVE
PALM BEACH GARDENS, FL 33418
(REMODEL)

REVISIONS:										
NO.	DESCRIPTION	DATE								

DATE: 08-08-2011
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DO NOT SCALE DRAWINGS

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M0.3