ROOFTOP AIR CONDITIONING UNITS

TAG	TRANE MODEL NUMBER	TOTAL COOLING MBH	SENSIBLE COOLING MBH	TOTAL SUPPLY CFM	OA CFM	HEATING INPUT MBH	HEATING OUTPUT MBH	APPROX. SUPPLY ESP IN. WG	SUPPLY MOTOR HP	MIN STAGES COOL	MIN STAGES HEAT	ENTERING AIR °F DB	ENTERING AIR °F WB	MINIMUM AMBIENT COOLING °F	NOTES:
RTAC-1	YHC-036	33.9	25.7	1155	0	60	48	0.5	1	1	1	75	63.0	40	1:2:3:4:5:6:7:8:11:12:13:14:16:18
RTAC-2	YHC-048	47.2	35.8	1600	300	80	64	0.5	1	1	1	78.8	65.8	40	1:2:3:4:5:6:7:8:9:11:12:13:14:15:16
RTAC-3	4YCC-4024	24.6	18.4	600	80	60	48	0.5	1/3	1	1	80.0	67.0	55	1:2:3:4:5:9:13:14
RTAC-4	YHC-060	56.6	47.0	1995	0	80	63	0.5	1	1	1	75.0	63.0	40	1:2:3:4:5:6:7:8:11:12:13:14:16:18
RTAC-5	YHC-036	35.7	25.8	1100	200	60	48	0.4	1	1	1	78.8	65.8	40	1:2:3:4:5:6:7:8:9:11:12:13:14:15:16
RTAC-6	YHC-036	35.7	25.8	1100	200	60	48	0.4	1	1	1	78.8	65.8	40	1:2:3:4:5:6:7:8:9:11:12:13:14:15:16
RTAC-7	YHH-300	277.8	216.7	8640	1300	400	320	1.0	7½	2	2	80	67	40	1:2:3:5:6:7:8:9:10:11:12:13:16:17
RTAC-8	YHH-300	277.8	216.7	8640	1300	400	320	1.0	7½	2	2	80	67	40	1:2:3:5:6:7:8:9:10:11:12:13:16:17
RTAC-9	YHC-072	68.9	50.8	2560	200	120	96	0.6	1	1	1	78.8	65.8	40	1:2:3:4:5:6:7:8:9:10:11:12:13:15:16
RTAC-10	YHC-048	47.2	35.8	1626	0	80	64	0.5	1	1	1	75.0	63.0	40	1:2:3:4:5:6:7:8:11:12:13:14:16:18

1. COOLING CAPACITIES BASED ON AIR ENTERING EVAPORATOR AT SCHEDULED CONDITION AND 100°F AMBIENT AIR TEMPERATURE AND 1000 FT. ELEVATION. UNIT SHALL PROVIDE MECHANICAL COOLING DOWN TO SCHEDULED TEMPERATURE. UNIT SHALL UTILIZE R-410a REFRIGERANT.
2. HEATING CAPACITIES BASED ON 50°F AIR ENTERING HEAT EXCHANGER AND FIRING NATURAL GAS. PROVIDE ALUMINIZED STEEL HEAT EXCHANGER.
3. PROVIDE TRAPPED CONDENSATE DRAIN. SEE CONDENSATE DRAIN TRAP DETAIL.
4. UNIT SHALL HAVE BOTTOM DISCHARGE AND RETURN MOUNTED ATOP FULL PERIMETER 14" TALL (MINIMUM) ROOF CURB. SEE ROOF CURB DETAIL.
5. STATIC PRESSURE SCHEDULED DOES NOT INCLUDE WET COOLING COIL, FILTER, HEATING PLANT OR SYSTEM EFFECT LOSSES.
6. PROVIDE FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH.
7. PROVIDE FACTORY INSTALLED 'INSIDE THE CURB' UTILITY PROVISIONS (POWER CIRCUIT AND CONTROLS CIRCUIT) SO THAT NO ELECTRICAL UTILITIES ARE OUTSIDE UNIT CASING. GAS CONNECTION SHALL BE OUTSIDE CASING. POWER CIRCUIT AND CONTROL CIRCUIT SHALL ALL BE ROUTED UP INSIDE THE CURB. CONTRACTOR SHALL ROUTE UTILITIES IN FACTORY DESIGNATED LOCATION. UNDER NO CIRCUMSTANCES SHALL CONTRACTOR CUT OPENINGS IN BOTTOM OF RTAC UNIT. FIELD CUTTING OF RTAC UNIT SHALL RESULT IN REJECTION OF RTAC UNIT AND NEW UNIT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
8. PROVIDE FACTORY INSTALLED POWERED G.F.I. CONVENIENCE OUTLET.
9. PROVIDE OUTDOOR AIR INTAKE HOOD WITH 25% MAXIMUM MANUAL OUTSIDE AIR DAMPER AND BIRDSCREEN.
10. PROVIDE FORWARD CURVED BELT DRIVE INDOOR FAN WITH ADJUSTABLE SHEAVE.
11. PROVIDE LOUVERED CONDENSER HAIL GUARDS.
12. PROVIDE HINGED ACCESS DOORS WITH ¼ TURN LATCHES.
13. PROVIDE ELECTROMECHANICAL CONTROLS.
14. PROVIDE MULTISPEED DIRECT DRIVE FAN MOTOR OR BELT DRIVE WITH ADJUSTABLE SHEAVE.
15. PROVIDE INTEGRAL HOT GAS REHEAT DEHUMIDIFICATION COIL CIRCUIT. PROVIDE CRANK CASE HEATER, FROSTAT, THERMAL EXPANSION VALVE, AND ALL OTHER CONTROL AND MATERIAL OPTIONS REQUIRED TO ACCEPT INPUT FROM SPACE HUMIDITY SENSOR. RTAC SHALL PROVIDE MINIMUM TEMPERATURE RISE AS SCHEDULED TO DELIVER NEUTRAL DEHUMIDIFIED AIR DURING CALL FOR DEHUMIDIFICATION.
16. PROVIDE HIGH EFFICIENCY UNIT.
17. PROVIDE HORIZONTAL DISCHARGE AND HORIZONTAL RETURN MOUNTED ATOP FULL PERIMETER 14" TALL (MINIMUM) ACOUSTICAL ROOF CURB. SEE ACOUSTICAL ROOF CURB DETAIL. ACOUSTICAL ROOF CURB SHALL BE PREMANUFACTURED ITEM, NOT CONTRACTOR ASSEMBLED AND NOT STANDARD ROOF CURB PROVIDED BY RTAC MANUFACTURER. ACOUSTIC ROOF CURB PERIMETER DIMENSIONS SHALL BE THE SAME OUTER PERIMETER DIMENSIONS AS A STANDARD ROOF CURB, AND SHALL NOT BE LARGER THAN RTAC BASE RAIL.
18. PROVIDE BLANK-OFF PLATE OVER OUTSIDE AIR OPENING.

FILTERS

FILTER TYPE	CAMFIL FARR FILTER MODEL NUMBER	APPLICATION	MAXIMUM INITIAL PRESSURE DROP @ FACE VELOCITY P.D. IN W.G.	MAXIMUM INITIAL PRESSURE DROP @ FACE VELOCITY FPM	ASHRAE 52.1-1992 DUST SPOT EFFICIENCY	ASHRAE MERV	FILTER THICKNESS	NOTES:
PLEATED	30-30	ROOFTOP AIR CONDITIONERS	0.28	500	30%	7	2"	1:2:3:4:5

1. UL CLASS 2, MEDIUM EFFICIENCY, COTTON AND SYNTHETIC MEDIA FILTER.
2. PROVIDE RIGID HEAVY DUTY FRAME BONDED TO MEDIA WITH WELDED WIRE PLEATED SUPPORT GRID TO MAINTAIN RADIAL PLEAT.
3. FILTER MINIMUM EFFICIENCY REPORTING VALVE (MERV) RATING BASED ON EVALUATION IN ACCORDANCE WITH ASHRAE STANDARD 52.2-1999.
4. FILTER SIZE AND FILTER QUANTITIES FOR EACH PIECE OF EQUIPMENT SHALL BE DETERMINED BY EQUIPMENT MANUFACTURER.
5. CONTRACTOR SHALL PROVIDE FILTERS DURING CONSTRUCTION AND REPLACE WITH NEW CLEAN FILTERS IMMEDIATELY PRIOR TO OCCUPANCY BY OWNER.

RTAC BI-POLAR IONIZATION UNITS

TAG	ASSOCIATED EQUIPMENT	CFM	GLOBAL PLASMA MODEL #	NOTES:
BPIU-1	RTAC-1	N/A	N/A	5
BPIU-2	RTAC-2	1600	GPS-FC-3 BAS	1:2:3:4
BPIU-3	RTAC-3	N/A	N/A	5
BPIU-4	RTAC-4	N/A	N/A	5
BPIU-5	RTAC-5	1100	GPS-[illegible] BAS	1:2:3:4
BPIU-6	RTAC-6	1100	GP[illegible]	1:2:3:4
BPIU-7	RTAC-7	8640	(3) GPS-FC-[illegible]	[illegible]:4:6
BPIU-8	RTAC-8	8640	(3) GPS-FC-3 BAS	[illegible]
BPIU-9	RTAC-9	2560	GPS-FC-3 BAS	1:2:3:4
[illegible]-10	RTAC-[illegible]	N/A	N/A	5

1. NEEDLE POINT TYPE IONIZ[illegible] WITH ABS PLASTIC OR POWDER COATED STEEL HOUSIN[illegible] AND CARB[illegible] OR STAINLESS STEEL IONIZATION NEEDLES. S[illegible]-POLAR IONI[illegible]TION CONTROL DETAIL.
2. PR[illegible]VIDE LE[illegible]ERIFY IONIZA[illegible]ON.
3. [illegible]OVIDE FACT[illegible] FURNISHED [illegible]VAC INPUT TERMINALS FOR POWERING [illegible]POLAR UNIT F[illegible] ASSOCIATE[illegible] EQUIP[illegible]ENT'S 24V FAN TERMINAL.
4. [illegible]T SHALL BE D[illegible]ED FOR[illegible]OUNTING[illegible]NSIDE AIR CONDITIONING [illegible]IPMENT.
5. [illegible]TAG IS U[illegible]D TO MAINTAIN NUMBE[illegible] CONTINUITY ONLY. NO BIPOLAR [illegible]T IS REQUIRED FOR TH[illegible] RTAC.
6. PROVI[illegible]ULTIPLE BIPOLAR UNITS [illegible]F QUANTITIES INDICATED.

GRILLES

TAG	PRICE MODEL NUMBER	SIZE OR LENGTH	FINISH	THROW	NOTES:
A	SCD	6"Ø	WHITE	4-WAY	1:5:7:8
B	SCD	8"Ø	WHITE	4-WAY	1:5:7:8
C	SCD	10"Ø	WHITE	4-WAY	1:5:7:8
E	82D	8 X 8	WHITE	---	3:6:7
F	82D	14 X 14	WHITE	---	3:6:7
G	SMD	8 X 8	WHITE	1-WAY	2:6:7:8
H	STG1	12 X 12	WHITE	---	10
I	520D	24 X 8	WHITE	SIDEWALL	4:6:7:9
J	520D	14 X 14	WHITE	SIDEWALL	4:6:7:9
K	HCD	24 X 12	WHITE	SIDEWALL	6:7:11
L	90	16 X 16	WHITE	---	6:7:12
O	82 CORE	24 X 24	WHITE	---	3:13
P	TBDI-3100	48", 2 SLOT, 8" INLET	WHITE	VERTICAL DOWN	7:14
Q	SMD	12 X 12, 12"Ø	WHITE	4-WAY	2:6:7:8
R	TBDI-3100	48", 2 SLOT, 10" INLET	WHITE	VERTICAL DOWN	7:14

1. LOUVERED FACE SQUARE CONE STEEL CEILING SUPPLY DIFFUSER WITH FIXED AIR 360° RADIAL DISCHARGE PATTERN. PROVIDE FULL FACED LOUVERS. PROVIDE FACTORY INSULATED BACKPAN.
2. LOUVERED FACE HIGH CAPACITY STEEL CEILING SUPPLY DIFFUSER WITH FIXED AIR DISCHARGE PATTERN AS SCHEDULED.
3. ALL ALUMINUM 1" X 1" X 1" "EGG CRATE" EXHAUST/RETURN GRILLE.
4. PROVIDE OPPOSED BLADE DAMPER.
5. IN 24 X 24 PANEL FOR LAY-IN CEILING.
6. FLANGED FRAME FOR SURFACE MOUNTING.
7. NC LEVEL NOT TO EXCEED NC 30.
8. SEE CEILING GRILLE DUCT CONNECTION DETAIL.
9. DOUBLE DEFLECTION STEEL SIDEWALL GRILLE WITH FRONT BARS HORIZONTAL (PARALLEL TO LONG DIMENSION). PROVIDE ¾" BLADE SPACING. PROVIDE FRONT & REAR BLADE SETTINGS AS REQUIRED TO ACHIEVE PROPER AIR DISTRIBUTION.
10. STEEL SIGHT PROOF HORIZONTAL BLADE DOOR GRILLE WITH AUXILIARY FRAME ASSEMBLY (BOTH SIDES).
11. INDUSTRIAL DUTY EXTRUDED ALUMINUM SIDEWALL DRUM LOUVER WITH ADJUSTABLE DRUM AND BLADES PROVIDE ADJUSTABLE AIRFOIL BLADES AND MIN. ⅜" THICK FRAME.
12. HEAVY DUTY STEEL SIDEWALL GRILLE WITH HORIZONTAL BLADES AT 0° DEFLECTION. PROVIDE ¾" BLADE SPACING AND WELDED CONSTRUCTION.
13. CORE ONLY PANEL. IN AREAS WHERE CONDUIT, PIPING, DUCT, STRUCTURE, ETC. IS VISIBLE FROM 6' ABOVE FLOOR LEVEL, PROVIDE FLAT BLACK 26 GAUGE VISION SHIELD. SEE EG[illegible] RETURN GRILLE VISION SHIELD DETAIL.
14. LINEAR SLOT DIFFUSER WITH 1" SLOT WIDTH AND EXTRUDED ALUMINUM ICE-TONG PATTERN CONTROLLER TO PROVIDE 180° CONTROL OF AI[illegible]TTERN. SEE LAY-IN LINEAR DIFFUSER I[illegible] CEILING DETAIL. PROVIDE FACTORY FABRICATED DIFFUSER PLENUM WITH INTERNAL INSULATION. PROVIDE OPTIONAL CENTER NOTCH[illegible]CT LENGTH TO ALLOW 48" UNIT TO BE INSTALLED INTO TWO 24" CEILING MODULES. DIFFUSER IS DESIGNED FOR INSTALLATION IN T-BAR LAY-IN CEILING.

ELECTRIC UNIT HEATERS

TAG	Q-MARK MODEL NUMBER	KW	[illegible]UT	[illegible]M	MOTOR HP	THROW FEET	[illegible]ING HEIGHT B.E. A.F.F.	NOTES:
EUH-1	MUH-05	[illegible]	17,0[illegible]	3[illegible]	1/100	[illegible]2	8'-0"	1:2:3:4:5

1. ELECTRIC PROPELLER TYPE UNIT HEATER WITH HO[illegible]ONTAL DIS[illegible]
2. PROVIDE ADJUSTABLE DISCHARGE LOUVERS.
3. OPERATE FROM 24V THERMOSTAT AS SHOWN ON D[illegible]WINGS. PROVIDE LOCKIN[illegible]STA[illegible]OVER.
4. PROVIDE MOUNTING BRA[illegible]ND ADJUSTABLE SW[illegible]L BASE.
5. PROVIDE CONTROL POWE[illegible]MER, AUTOMAT[illegible]RESET THERMAL CUT-OUT AND FAN [illegible] SWITCH.

FANS

[illegible]AG	GREE[illegible] MODEL NO.	CFM	FAN STATIC PRESSURE IN W.G.	FAN RPM	MOTOR HP	MAX SONES	NOTES:
[illegible]1	G-150-B	1490	0.33	989	1/4	5.8	1:3:4:5
E[illegible]	G-095-D	650	0.25	1316	1/6	6.5	1:3:4:5
SF[illegible]	SQ-100-B	850	0.25	1023	1/6	4.7	2:3:4:5

1. [illegible]IFUGAL CURB MOUNTED EXHAUST FAN. PROVIDE BIRDSCREEN, GRAVITY BACKDRAFT DAMPER, AND 14" TALL (MINIMUM) ROOF CURB. SEE CENTRIFUGAL ROOF EXHAUST FAN DETAIL.
2. [illegible]UGAL IN-LINE FAN WITH DISCHARGE MOUNTED BACKDRAFT DAMPER. PROVIDE MOUNTING BRACKETS AND SUPPORT FROM VERTICAL DROP RODS WITH VIBRATION ISOLATORS. SEE CENT[illegible]UGAL DIRECT DRIVE IN-LINE FAN DETAIL.
3. DIRECT DRIVE
4. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
5. PROVIDE SPEED CONTROLLER.

LEGEND

A / 500	GRILLE, REGISTER, DIFFUSER DESIGNATION ABOVE WITH CFM SHOWN BELOW FOR TAB AGENT TO BALANCE DEVICE AT
16 X 12	DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	RIGID ROUND DUCTWORK OR FLUE PIPING
	FLEXIBLE ROUND DUCTWORK
	RECTANGULAR - TO - ROUND DUCT TRANSITION
	FLEXIBLE CONNECTION
	ACOUSTICAL/THERMAL DUCT LINER - ½" THICK OR 1" THICK, RESPECTIVELY
	SQUARE ELBOW WITH TURNING VANES
	45° BRANCH ENTRY FITTING
SD	SMOKE DAMPER, SEE SMOKE DAMPER DETAIL.
MVD	MANUAL VOLUME DAMPER (OPPOSED BLADE)
AP	ACCESS PANEL IN SIDE OF DUCT
	DOOR GRILLE
	BELLMOUTH TAKE-OFF COLLAR AT RUN-OUT W/BALANCING DAMPER. SEE BELLMOUTH AND 45° FITTING TAKE[illegible] DETAIL.
	45° FITTING TAKEOFF WITH BALANCING DAMPER. SEE BELLMOUTH AND 45° FITTING TAKEOFF DETAIL.
	SUPPLY DUCT TO OR FROM ABOVE
	RETURN OR EXHAUST DUCT TO OR FROM ABOVE
	INDICATES EQUIPMENT ON ROOF
	DUCT OR PIPE OFFSET; ARROW HEAD INDICATES DIRECTION OF R[illegible]
	RETURN O[illegible]AUST AIR FLOW
SD 10/6	DUCTWORK S[illegible]ITTER DAMPER; SPL[illegible]SION INDIC[illegible]
	CONVENTIONAL SPACE THERMO[illegible]DDC)
	WALL MOUNTED DD[illegible]PERATURE SE[illegible]
	DDC HUMIDITY SENSO[illegible]
	WALL MOUNTED FAN SWIT[illegible]E ELECTRICAL [illegible]FOR TYPE)
	POWER CONTACTOR PROVIDE[illegible] MECHANICAL
	DUCT MOUNTED SM[illegible]E DETECT[illegible]DED AND WIRED BY ELEC. AND INSTALLED BY MECH.)
D	CONDENSATE DRAIN[illegible]PING
[illegible]WB	DRY BULB, WET B[illegible]
[illegible]	[illegible]STAINLESS [illegible]
F[illegible]	[illegible]ER MINUTE
CFM	CUBIC FEET PER MINUTE
OA	OUTDOOR AIR
MBH	BTU/HR x 1000
APPROX.	APPROXIMATELY
ESP IN WG	EXTERNAL STATIC PRESSURE INCHES WATER GUAGE
HP	HORSEPOWER
RPM	REVOLUTIONS PER MINUTE
UNO	UNLESS NOTED OTHERWISE
AFF	ABOVE FINISHED FLOOR
UC	UNDERCUT DOOR ¾"
KW	KILOWATTS
ΔT	TEMPERATURE DIFFERENCE
B.E. T.E.	BOTTOM ELEVATION, TOP ELEVATION
LB/HR	POUNDS PER HOUR
	LIMIT OF SCOPE OF WORK
2	SECTION OR DETAIL IDENTIFICATION NUMBER
M1	SHEET NUMBER ON WHICH SECTION OR DETAIL IS DRAWN

GENERAL NOTES

1. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR EXACT BUILDING ARRANGEMENT, DIMENSIONS AND DETAILS. THESE DRAWINGS ARE DIAGRAMMATIC AND ARE NOT TO BE SCALED.
2. COORDINATE DUCT AND PIPE ROUTING AND EQUIPMENT LOCATION WITH PLUMBING AND ELECTRICAL INSTALLATIONS AND WITH BUILDING STRUCTURAL MEMBERS. OFF-SET DUCTS/PIPING AND SHIFT EQUIPMENT AS REQUIRED TO AVOID CONFLICTS WITH OTHER INSTALLATIONS.
3. COORDINATE LOCATION OF CEILING REGISTERS WITH LIGHTING LAYOUT, SPRINKLER HEADS AND CEILING GRID SYSTEMS AND APPURTENANCES. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION.
4. DUCT SIZES INDICATED ON THE PLANS ARE CLEAR INSIDE DIMENSIONS REQUIRED. WHERE LINER IS INDICATED, INCREASE DUCT SIZE.
5. REFER TO THE ELECTRICAL DRAWINGS FOR VOLTAGE, PHASE, MAXIMUM ALLOWABLE CURRENT DRAW AMPERAGE AND CONNECTION ARRANGEMENT (SINGLE OR MULTI-POINT CONNECTION, ETC.) OF ALL MECHANICAL EQUIPMENT PRIOR TO ORDERING/INSTALLING EQUIPMENT.
6. SUPPORT ALL DUCTS, PIPING AND EQUIPMENT FROM PRIMARY BUILDING STRUCTURAL MEMBERS AND PROVIDE SUPPLEMENTAL STRUCTURAL FRAMING AS REQUIRED BETWEEN PRIMARY BUILDING STRUCTURAL MEMBERS TO SUPPORT ALL SYSTEMS INSIDE THE BUILDING.
7. MOST AREAS ABOVE CEILINGS ARE USED AS RETURN AIR PLENUMS. ALL MATERIAL IN PLENUM SPACE SHALL HAVE MAXIMUM FLAME SPREAD OF 25 AND MAXIMUM SMOKE DEVELOPMENT OF 50 BASED ON ASTM E84 TEST. RETURN AIR FROM SOME CONDITIONED SPACES IS TRANSFERRED TO ABOVE CEILINGS THRU SUPPLEMENTARY TRANSFER GRILLES WHERE INDICATED. AIR IS THEN TRANSFERRED THROUGH TRANSFER DUCTS, SMOKE DAMPERS, ETC.
8. PROVIDE STRUCTURAL FRAMING AROUND FULL PERIMETER OF ALL ROOF OPENINGS/EQUIPMENT. PROVIDE STRUCTURAL LINTELS ABOVE ALL WALL OPENINGS. SEE STRUCTURAL FOR LINTEL DETAILS OR REINFORCEMENT DETAILS.
9. INSTALL DUCT PENETRATIONS THROUGH NON-RATED WALLS AS SHOWN IN "DUCT PENETRATION THRU WALL DETAIL".

DUCTLESS CONDENSING UNITS

TAG	MITSUBISHI MODEL NUMBER	TOTAL COOLING MBH RATED	TOTAL COOLING MBH MIN.	HEATING CAPACITY MBH RATED	HEATING CAPACITY MBH MIN.	MINIMUM AMBIENT OPERATING TEMP °F	NOTES:
DCU-1	PUY-A12NHA3	12.0	6.0	---	---	23	1:2:3:4:5

1. COOLING CAPACITY BASED ON 95°F AMBIENT AIR TEMPERATURE AND MATCHED WITH INDICATED DUCTLESS FAN COIL UNIT.
2. PROVIDE REFRIGERANT PIPING SIZED AND DESIGNED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTION.
3. SCHEDULED CAPACITIES ARE OVERALL CAPACITIES REQUIRED FOR MATCHED CONDENSING UNIT AND EVAPORATOR COIL 2 # LINE LOSS.
4. PROVIDE INTEGRAL CONTROLS INCLUDING CONTACTORS, CONTROL TRANSFORMER.
5. UNIT SHALL UTILIZE R-410A REFRIGERANT. PROVIDE DC ROTARY COMPRESSOR WITH VARIABLE SPEED INVERTER TECHNOLOGY TO MODULATE COOLING CAPACITY TO MATCH LOAD.

DUCTLESS FAN COIL UNITS

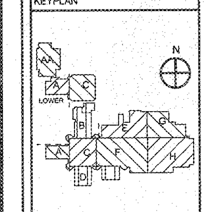
TAG	MITSUBISHI MODEL NUMBER	TOTAL COOLING MBH RATED	TOTAL COOLING MBH MIN.	HEATING CAPACITY MBH RATED	HEATING CAPACITY MBH MIN.	TOTAL SUPPLY CFM	NOTES:
DFCU-1	PKA-A12HA	12.0	6.0	---	---	380	1:2

1. WALL MOUNTED STYLE DUCTLESS FAN COIL UNIT. PROVIDE ADJUSTABLE VANES, 3 SPEED FAN MOTOR, MICROPROCESSOR CONTROLLER, FILTER AND WALL MOUNTING BRACKET AND 12V DC WIRED REMOTE CONTROLLER.
2. COOLING CAPACITIES BASED ON AIR ENTERING EVAPORATOR AT 80°Fdb, 67°Fwb AND MATCHED WITH INDICATED CONDENSING UNIT. AIRFLOW LISTED IS IN COOLING MODE WITH WET COIL.

REVISIONS/ISSUANCES

NO.	DATE	DESCRIPTION

KEYPLAN



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PROJECT:
RENOVATIONS, MODIFICATIONS, & ADDITIONS TO HENRY COUNTY SCHOOLS - GROUP 10 WOODLAND HIGH SCHOOL (ITEM C)

CLIENT:
HENRY COUNTY BOARD OF EDUCATION

SHEET TITLE:
MECHANICAL LEGEND, SCHEDULES AND GENERAL NOTES

I.U. : 88
F.T.E. : 1,687
FACILITY CODE: 675-0408

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PROJECT NUMBER:	201731C
DATE:	06.07.18
SCALE:	NONE
DRAWN BY:	WDD
CHECKED BY:	JDR

SHEET NO.:
M601

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