

MARK	DUTY	DESCRIPTION
A	CEILING SUPPLY	AIR DEVICES SPFSY/LOUVER FACE SQUARE NECK DIFFUSER FOR SURFACE MOUNTING, WITH O.B.D., FIXED PATTERN, AND NO. 7 FINISH.
B	DUCT SUPPLY	AIR DEVICES GFAY DIFFUSER WITH REMOVABLE CORE, FOR EXPOSED DUCT MOUNTING, 1/4" FLANGE O.B.D., 5 DEG. UPWARD DEFLECTION, AND NO. 7 FINISH.
C	CEILING RETURN	AIR DEVICES GOSV SQUARE NECK REGISTER WITH INTEGRAL CORE (WITHOUT INDENTS), FOR SURFACE MOUNTING AND NO. 7 FINISH.
D	DUCT RETURN	AIR DEVICES GFAY REGISTER WITH REMOVABLE CORE (WITHOUT INDENTS) FOR EXPOSED DUCT MOUNTING, 1/4" FLANGE O.B.D., AND NO. 7 FINISH.
E	WALL SUPPLY	AIR DEVICES GMAV DIFFUSER WITH REMOVABLE CORE, O.B.D., 5 DEG. UPWARD DEFLECTION AND NO. 7 FINISH.

TYPICAL RELOCATABLE PLAN - MECHANICAL
SCALE: 1/8"=1'-0"



FURNACE SCHEDULE	
DESIGNATION	QTY
7000	3500
E.S.P. (IN WC)	1.25"
HP/AMPS	3 HP
VOLTS/PHASE	480/3
RPM	790
DRIVE	BELT
O.S.A. (CFM)	1250
INPUT (MBH)	168.0
OUTPUT (MBH)	134.4
FUEL	NAT. GAS
WATTS-VOLTS/INCH	40W-120V/1"
QUANTITY/SIZE	6/20"x25"x2"
P.D. (IN WC)	.3
CSFM LISTING NO.	3175-140:G
MANUFACTURER	FAIR 30/30
TYPE	FAIR 30/30
MODEL NUMBER	H1-210-K224
LOCATION	MULTI-PURPOSE KITCHEN
OPER. WT. (LBS)	2760
ACCESSORIES	GZO

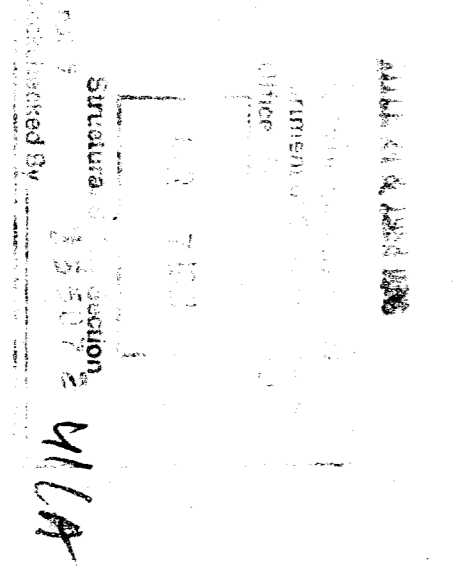
- 2-STAGE GAS VALVE, ELECTRIC IGNITION, #321 S.S. HEAT EXCHANGER, NGA APPROVED # CA LISTING, BLOWER W/ INTERNAL SPRING, VIBRATION ISOLATION AND SEISMIC RESTRAINTS.
- STAINLESS STEEL HEAT EXCHANGER & BURNER, RAINHOOD W/ BRD SCREEN FOR O.A. INLET, 3-POSITION O.A. & R.A. MOTORIZED DAMPER, FILTER RACK W/ 2" FILTERS, INTERMITTENT PILOT IGNITION GAS CONTROLS.
- SEE SPECS.
- ACCESSORY - 12" REAR BT-PASS INTEGRAL WITH THE FURNACE.

PACKAGE AIR CONDITIONING UNIT SCHEDULE			
DESIGNATION	QTY	QTY	QTY
12.4	20.0	14.2	
480/3	480/3	208/1	
9.3	8.5	9.5	
2000	3400	800	
1.0"	1.0"	.5"	
450	400	100	
1/134	1.5/816	1/3 MED	
BELT	BELT	DIRECT	
20	25	25	
50.0	85.0	18.9	
55.7	94.3	21.4	
80/64	80/64	80/64	
105	105	105	
74.0	120	40	
59.5	96.0	31	
NAT. GAS	NAT. GAS	NAT. GAS	
QUANTITY/SIZE	2) 18"x25"x2"	4) 18"x20"x2"	1) 20"x25"x2"
TYPE	FAIR 30/30	FAIR 30/30	FAIR 30/30
P.D. (IN WC)	.17	.19	.08
CSFM LISTING NO.	3175-140:G		
MANUFACTURER	PAYVE	PAYVE	PAYVE
TYPE	ROOFTOP	ROOFTOP	ROOFTOP
MODEL NUMBER	580B060074	580B102120	580A1024040
LOCATION	CLASSROOM	ADMIN.	TEACH LOUNGE
OPER. WT. (LBS)	548	932	454
ACCESSORIES	SEE SPECS	SEE SPECS	SEE SPECS

- FULLY MODULATING ECONOMIZER W/ BAROMETRIC RELIEF.
- FILTER KIT.

COOLING COIL SCHEDULE	
DESIGNATION	QTY
7000	23.9
SENSIBLE (MBH)	168.8
TOTAL (MBH)	207.5
COIL SIZE (FT)	14.1
ROWS - FINS / IN.	6R - 8FPI
AIR P.D. (IN WC)	0.8
SPILT ROW	2 / 4
EMB/FEMB (°F)	83 / 66.5
ENT (°F)	
BRANCH SIZE	
VALVE TYPE	4-TX
REFRIGERANT	R-22
MANUFACTURER	AIR FOL
TYPE	DX
MODEL NUMBER	GENIES QA
LOCATION	MULTI-PURPOSE
OPER. WT. (LBS)	MULTI-PURPOSE
ACCESSORIES	INTERMEDIATE DRAIN PAN.

CONDENSING UNIT SCHEDULE	
DESIGNATION	QTY
23.9	480/3
VOLTS/PHASE	117.6
COOLING CAP (MBH)	105
FAB	DESIGN DB
SEER AT ARI	10.1
REFRIGERANT	R-12
MANUFACTURER	DUNHAM-BUSH
TYPE	AIR COOLED
MODEL NUMBER	#AU 10.4
LOCATION	MULTI-PURPOSE
OPER. WT. (LBS)	1400
ACCESSORIES	SEE SPECS



W/LA

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Project Number: 449-289

Project Date:

Frank West Elementary School
HVAC
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DATE	ISSUE FOR
DATE	REVISION

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