

			5											6
		F	ROOF	TOP	IEATI	NG &	AIR (CONDI	TIO	NIN	G UN	IT S	CHE	DULE
CFM	SP	BLOWER H.P.	CHAR	MCA	WEIGHT	GAS CONN	BTU IN	HEATING BTU OUT	EAT	LAT	COC MBH	DLING EAT	LAT	REMARKS
1940			EXISTING	28.0	800#						60	75°F	55 <i>°</i> F	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1940			EXISTING	28.0	800#						60	75°F	55°F	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1940			EXISTING	28.0	800#						60	75°F	55°F	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1940			EXISTING	28.0	800#						60	75°F	55 <i>°</i> F	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1940			EXISTING	28.0	800#						60	75°F	55 ℉	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1940			EXISTING	28.0	800#						60	75°F	55 <i>°</i> F	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1200			EXISTING	20.0	500#						36	75°F	55 <i>°</i> F	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
7200			EXISTING	99.0	2200#						210	75°F	55 ℉	EXISTING COOLING ONLY ROOF TOP UNIT TO REMAIN.
1200	.40"	1/2	208/60/3	23.0 MCA 30 MCOP	500#						36	75°F	55 <i>°</i> F	CARRIER MODEL 48FC-A04. MOUNT ON ROOF CURB. NO HEAT REQUIRED. (14.0 SEER)

				EXHA	UST FA	N SCH	EDULE	
SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
$\left\langle \begin{array}{c} EF \\ 1 \end{array} \right\rangle$	CEILING MOUNTED	100	.25"	87	120/60/1	640	WALL SWITCH	TWIN CITY MODEL T100 WITH BACK-DRAFT DAMPER AND 6" ROUND DUCT TO ROOF CAP
EF 2	ROOF MOUNTED	800	.25"	1/4 HP	120/60/1	900	TIME CLOCK	TWIN CITY MODEL 100C BCRD WITH BACK-DRAFT DAMPER. MOUNT ON ROOF CURB
$\left\langle \begin{array}{c} EF \\ 3 \end{array} \right\rangle$	ROOF MOUNTED	800	.25"	1/4 HP	120/60/1	900	WALL SWITCH	TWIN CITY MODEL 100C BCRD WITH BACK-DRAFT DAMPER. MOUNT ON ROOF CURB
$\left\langle \begin{array}{c} EF \\ 4 \end{array} \right\rangle$	VENT SET	2100	4.0"	3 HP	208/60/3	1725	WALL SWITCH	MONOXIVENT 135-BI WITH BACK-DRAFT DAMPER. PROVIDE FAN WITH VFD. MOUNT ON ROOF CURB. INTERLOCK WITH PH-1.
EF 5	VENT SET	2100	4.0"	3 HP	208/60/3	1725	WALL SWITCH	MONOXIVENT 135-BI WITH BACK-DRAFT DAMPER. PROVIDE FAN WITH VFD. MOUNT ON ROOF CURB. INTERLOCK WITH PH-1.
EF 6	VENT SET	1800	4.0"	2 HP	208/60/3	3450	WALL SWITCH	MONOXIVENT 120-BI WITH BACK-DRAFT DAMPER. PROVIDE FAN WITH VFD. MOUNT ON ROOF CURB. INTERLOCK WITH PH-1.
$\left\langle \begin{array}{c} EF \\ 7 \end{array} \right\rangle$	VENT SET	1800	4.0"	2 HP	208/60/3	3450	WALL SWITCH	MONOXIVENT 120-BI WITH BACK-DRAFT DAMPER. PROVIDE FAN WITH VFD. MOUNT ON ROOF CURB. INTERLOCK WITH PH-1.
EF 8	ROOF MOUNTED UP-BLAST	1000	.50"	1/4 HP	120/60/1	1375	SWITCH ON HOOD	TWIN CITY MODEL 110-BCRU WITH BACK-DRAFT DAMPER. MOUNT ON ROOF CURB
EF 9	ROOF MOUNTED	800	.25"	1/4 HP	120/60/1	900	WALL SWITCH	TWIN CITY MODEL 100C BCRD WITH BACK-DRAFT DAMPER. MOUNT ON ROOF CURB
EF 10	ROOF MOUNTED	800	.25"	1/4 HP	120/60/1	900	WALL SWITCH	TWIN CITY MODEL 100C BCRD WITH BACK-DRAFT DAMPER. MOUNT ON ROOF CURB

				GRILI	_E AND	REGIST	ER S	CHED	ULE
SYM.	SIZE	THROW	CFM	CONSTR.	FINISH	BRANCH DUCT	F.D.	O.B.	REMARKS
CD-1	12 x 12		200-400	STEEL	WHITE	10" Dia.	NO	NO	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
CD-2	9 x 9		50-199	STEEL	WHITE	8" Dia.	NO	NO	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
CD-3	12 x 12		200-400	STEEL	WHITE	10" Dia.	NO	NO	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
CD-4	9 x 9		50-199	STEEL	WHITE	8" Dia.	NO	NO	PRICE MODEL SMD WITH BEVELED FRAME
SR-1	12 x 10		200-300	STEEL	WHITE	IN 18" Dia. DUCT	NO	NO	PRICE MODEL SDGE IN 10" ROUND DUCT WITH EXTRACTION DAMPER
SR-2	10 x 8		200-300	STEEL	WHITE	IN 10" Dia. DUCT	NO	NO	PRICE MODEL SDGE IN 10" ROUND DUCT WITH EXTRACTION DAMPER
RG-1	12 x 6		50-150	STEEL	WHITE	12 x 3	NO	NO	PRICE MODEL 535L - MOUNT AT 6" ABOVE FLOOR
RG-2	18 x 20		800	STEEL	WHITE	18 x 20	NO	NO	PRICE MODEL 535S - MOUNT AT 12" ABOVE FLOOR
RG-3	18 x 16		1200-1800	STEEL	WHITE	18 x 16	NO	NO	PRICE MODEL 535S - MOUNT AT 11'-0" ABOVE FLOOR
RG-4	14 x 8		100-200	STEEL	WHITE	14 x 8	NO	NO	PRICE MODEL 535L
FG-1	12 x 6		50-200	ALUM	ANODIZED	12 x 6 BOOT	NO	NO	PRICE MODEL LBPH25C WITH 750 FLANGED BORDER
FG-2	18 x 6		201-300	ALUM	ANODIZED	18 x 6 BOOT	NO	NO	PRICE MODEL LBPH25C WITH 750 FLANGED BORDER
ER-1	12 x 12		50-400	STEEL	WHITE	12 x 8	NO	NO	PRICE MODEL 535
ER-2	18 x 18		400-800	STEEL	WHITE	14 x 14	NO	NO	PRICE MODEL LG100-A-STL-B12
PH-1	36W-60L-30 1/2H		5000-7800	ALUM	ANODIZED	36 x 60	NO	NO	PENNBARRY MODEL PH WITH MOTORIZED DAMPER. INTERLOCK WITH EF-4, EF-5, EF-6 AND

					UNIT	T HEA	TER S	CHEE)ULE				
SYM.	TYPE	CFM	H.P.	CHAR.	BTU	EAT	STEAM PRESS	SUP.	RET.	VALVE	TRAP	WEIGHT	REMARKS
	PROPELLER	1400	1/20	120/60/1	96,000	65 <i>°</i> F	15 psi	1-1/2"	1"	AUTO 2 POSITION	1" F&T	100#	TRANE UHSB096 HORIZONTAL UNIT
$\left\langle \begin{array}{c} UH \\ 2 \end{array} \right\rangle$	PROPELLER	1400	1/20	120/60/1	96,000	65 <i>°</i> F	15 psi	1-1/2"	1"	AUTO 2 POSITION	1" F&T	100#	TRANE UHSB096 HORIZONTAL UNIT
$\left< \frac{\text{UH}}{3} \right>$	PROPELLER	480	1/20	120/60/1	36,000	65 <i>°</i> F	15 psi	1-1/4"	3/4"	AUTO 2 POSITION	3/4" F&T	100#	TRANE UHSB036 HORIZONTAL UNIT

				CIF	RCULAT	'ING F	PUMP SCHEDULE	
SYM.	TYPE	G.P.M.	HEAD	H.P.	CHAR	RPM	REMARKS	MANUFACTURER & MODEL NO.
	IN-LINE	8	15'	1/4	120/60/1	1750	SNOW MELT SYSTEM	GRUNDFOS MAGNA3 32-60 F
CP 2	COND. RETURN PUMP	18	20'	(2) 1/2	120/60/1	3500	CONDENSATE RETURN PUMP	SHIPCO 150 LPD-30 WITH 21 GALLON RECEIVING TANK AND DUPLEX CONTROL PANEL.
$\left\langle \begin{array}{c} CP\\ 3 \end{array} \right\rangle$	IN-LINE	4	15'	1/4	120/60/1	1750	AIR HANDLER HOT WATER COIL	GRUNDFOS MAGNA3 32-60 F

	SPLIT SYSTEM A/C UNIT SCHEDULE														
			IN	DOOR L	INIT					OUTDOOR	UNIT	REFRI	G. LINES		
SYM.	CFM	BTU	CHAR	MCA		SYM.	BTU	MCA	SEER	CHAR	MANUFACTURER	LIQUID	SUCTIO		
FC 1A	600-700	30,000	208/60/1	1	MITSUBISHI MODEL PKA-A30KA WITH WALL MOUNTED CONTROLLER AND COND. PUMP	FC 1B	30,000	25	16	208/60/1	MITSUBISHI MODEL PUY-A30NHA3 WITH LOW AMBIENT 'HARD-START' KIT	3/8"	5/8"		
FC 2A	600-700	30,000	208/60/1	1	MITSUBISHI MODEL PKA-A30KA WITH WALL MOUNTED CONTROLLER AND COND. PUMP	FC 2B	30,000	25	16	208/60/1	MITSUBISHI MODEL PUY-A30NHA3 WITH LOW AMBIENT 'HARD-START' KIT	3/8"	5/8"		
FC 3A	600-700	30,000	208/60/1	1	MITSUBISHI MODEL PKA-A30KA WITH WALL MOUNTED CONTROLLER AND COND. PUMP	FC 3B	30,000	25	16	208/60/1	MITSUBISHI MODEL PUY-A30NHA3 WITH LOW AMBIENT 'HARD-START' KIT	3/8"	5/8"		

AIR HANDLING UNIT SCHEDULE													
SYM. CFM RPM SP.E H.P. CHAR HEATING COOLING	EMARKS												
STM. CFM RFM SF.E H.F. CHAR MBH EWT TD GPM EAT LAT MBH EAT LAT LIQ. SUC	EMARKS												
$\begin{bmatrix} 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1950 \\ 2180 \\ 1.0^{\circ} \end{bmatrix} \begin{bmatrix} 1.0^{\circ} \\ 1-1/2 \\ 208/60/3 \\ 65 \\ 180^{\circ} \end{bmatrix} \begin{bmatrix} 20^{\circ} \\ 20^{\circ} \\ 10^{\circ} \end{bmatrix} \begin{bmatrix} 4 \\ 65^{\circ} \\ 110^{\circ} \\ 36 \\ 75^{\circ} \end{bmatrix} \begin{bmatrix} 36 \\ 75^{\circ} \\ 55^{\circ} \\ 3/8^{\circ} \\ 3/8^{\circ} \\ 7/8^{\circ} \\ 7/8^{\circ} \end{bmatrix} COOLING COIL, AN$	CAG060 WITH HOT WATER HEATING COIL, DX ID MIXING BOX WITH ANGLE FILTERS. PROVIDE												
VFD WITH UNIT.													

	CONDENSING UNIT SCHEDULE													
SYM.	BTU	EAT	CHAR.	MCA	MCOP	SEER	WEIGHT		ANT PIPING	REMARKS				
•••••			•••••					LIQUID	SUCTION					
	56,000	95 <i>°</i> F	208/60/1	31.0	50	14.0	250#	3/8"	7/8"	TRANE 4TTR4060A1 WITH LOW AMBIENT 'HARD-START' KIT. MOUNT ON ROOF WITH PYRAMID TYPE SUPPORTS.				
		•					•							

					HUM	IDIFIER	SCHEI	DULE	
SYM.	LBS/HR	KW	CHAR.	DESIGN RH	DESIGN TEMP	CONTROL	STEAN STEAM	/I PIPING CR	REMARKS
$\left\langle \begin{array}{c} H\\ 1\end{array}\right\rangle$	30	10	208/60/3	95%	70°F - 76°F	WALL MTD HUMIDISTAT	1-1/4"	3/4"	DRI-STEAM MODEL XTP-10 WITH SDU017E STEAM BLOWER. MOUNT ON WALL AS HIGH AS POSSIBLE.

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SYM.

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