

EXHAUST FAN SCHEDULE

SYM.	TYPE	C.F.M.	S.P.E.	WATTS	CHAR.	R.P.M.	CONTROL	REMARKS
EF-1	CEILING MOUNTED	150	0.4	100	120/60/1	750	OCC. SENSOR SEE ELECT.	BROAN LOSONE SELECT MODEL L150 WITH BACKDRAFT DAMPER, 8" EXHAUST DUCT TO WALL LOUVER
EF-2	CEILING MOUNTED	150	0.4	100	120/60/1	750	OCC. SENSOR SEE ELECT.	BROAN LOSONE SELECT MODEL L150 WITH BACKDRAFT DAMPER, 8" EXHAUST DUCT TO WALL LOUVER
EF-3	CEILING MOUNTED	150	0.4	100	120/60/1	750	SWITCH SEE ELECT.	BROAN LOSONE SELECT MODEL L150 WITH BACKDRAFT DAMPER, 8" EXHAUST DUCT TO WALL LOUVER
EF-4	CEILING MOUNTED	100	0.25	100	120/60/1	750	OCC. SENSOR SEE ELECT.	BROAN LOSONE SELECT MODEL L100 WITH BACKDRAFT DAMPER, 6" EXHAUST DUCT TO WALL LOUVER
EF-5	CEILING MOUNTED	150	0.4	100	120/60/1	750	OCC. SENSOR SEE ELECT.	BROAN LOSONE SELECT MODEL L150 WITH BACKDRAFT DAMPER, 8" EXHAUST DUCT TO WALL LOUVER
EF-6	CEILING MOUNTED	200	0.2	150	120/60/1	750	24 HR. TIMECLOCK	BROAN LOSONE SELECT MODEL L200 WITH BACKDRAFT DAMPER, 10x4 EXHAUST DUCT TO SLOPED ROOF CAP
EF-7	CEILING MOUNTED	200	0.2	150	120/60/1	750	COOLING T-STAT	BROAN LOSONE SELECT MODEL L200 WITH BACKDRAFT DAMPER, 10x4 EXHAUST DUCT TO SOFFIT GRILLE

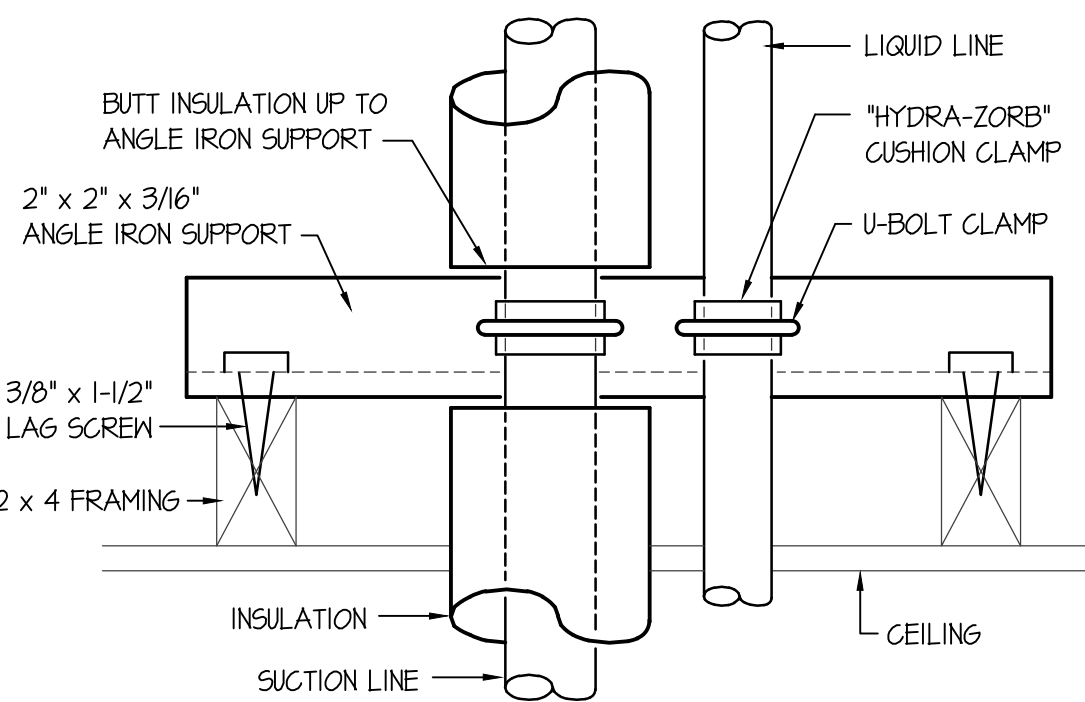
OUTDOOR UNIT SCHEDULE

SYM.	TYPE	WEIGHT	COOLING MBH	HEATING MBH	MCA	CHAR.	PIPING CONNECTION SIZES	REMARKS	
			CD	LIQUID	SUCTION				
OU-1	HEAT PUMP	165#	30,000	31,000	14.0	208/60/1	1/4" (3)	3/8" (3)	L6 MODEL LMU240HV OUTDOOR HEAT PUMP UNIT
OU-2	HEAT PUMP	55#	12,000	13,180	10.0	208/60/1	1/4" (1)	3/8" (1)	L6 MODEL LSU20HEV2 OUTDOOR HEAT PUMP UNIT
OU-3	COOLING ONLY	55#	24,000	NA	15.0	208/60/1	1/4" (1)	5/8" (1)	L6 MODEL LS240HEV1 OUTDOOR UNIT

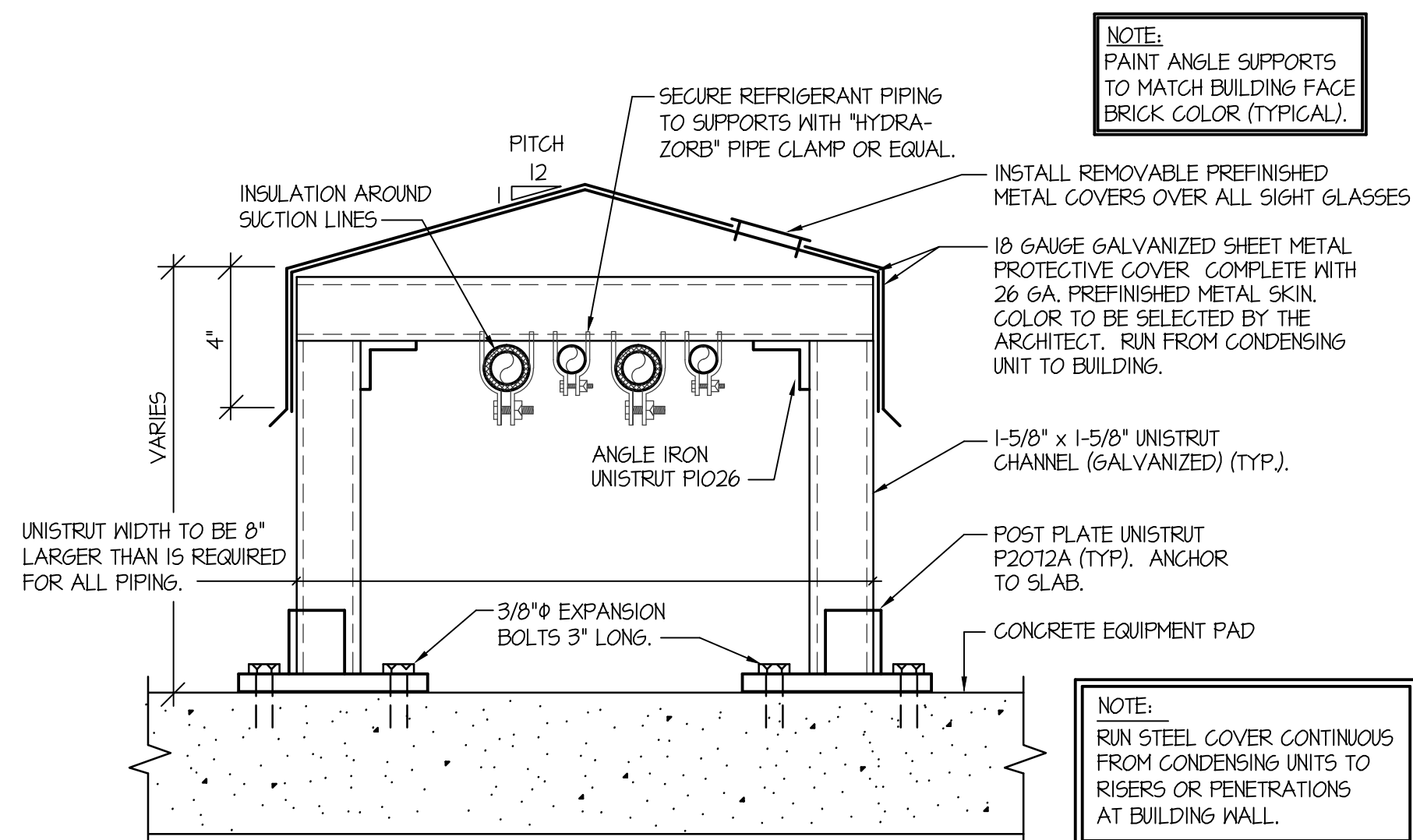
INDOOR UNIT SCHEDULE (ELECTRIC)

SYM.	TYPE	BLOWER CFM	COOLING MBH	HEATING MBH	CHAR.	MCA	PIPING CONNECTION SIZES	REMARKS	
		CFM	CD	MBH			LIQUID	SUCTION	
IP-1	WALL MOUNTED	250	NA	7,000	8,100	208/60/1	1.0	3/4" 1/4" 3/8"	L6 MODEL LMN07HVT WALL MOUNTED HEAT PUMP WITH WIRED PROGRAMMABLE T-STAT
IP-2	WALL MOUNTED	250	NA	7,000	8,100	208/60/1	1.0	3/4" 1/4" 3/8"	L6 MODEL LMN07HVT WALL MOUNTED HEAT PUMP WITH WIRED PROGRAMMABLE T-STAT
IP-3	WALL MOUNTED	250	NA	7,000	8,100	208/60/1	1.0	3/4" 1/4" 3/8"	L6 MODEL LMN07HVT WALL MOUNTED HEAT PUMP WITH WIRED PROGRAMMABLE T-STAT
IP-4	WALL MOUNTED	450	NA	12,000	13,180	208/60/1	1.0	3/4" 1/4" 3/8"	L6 MODEL LSM20HEV2 WALL MOUNTED HEAT PUMP WITH WIRED PROGRAMMABLE T-STAT
IC-1	WALL MOUNTED	600	NA	24,000	NA	208/60/1	1.0	3/4" 1/4" 5/8"	L6 MODEL LS240HEV1 WALL MOUNTED FAN COIL WITH WIRED PROGRAMMABLE T-STAT

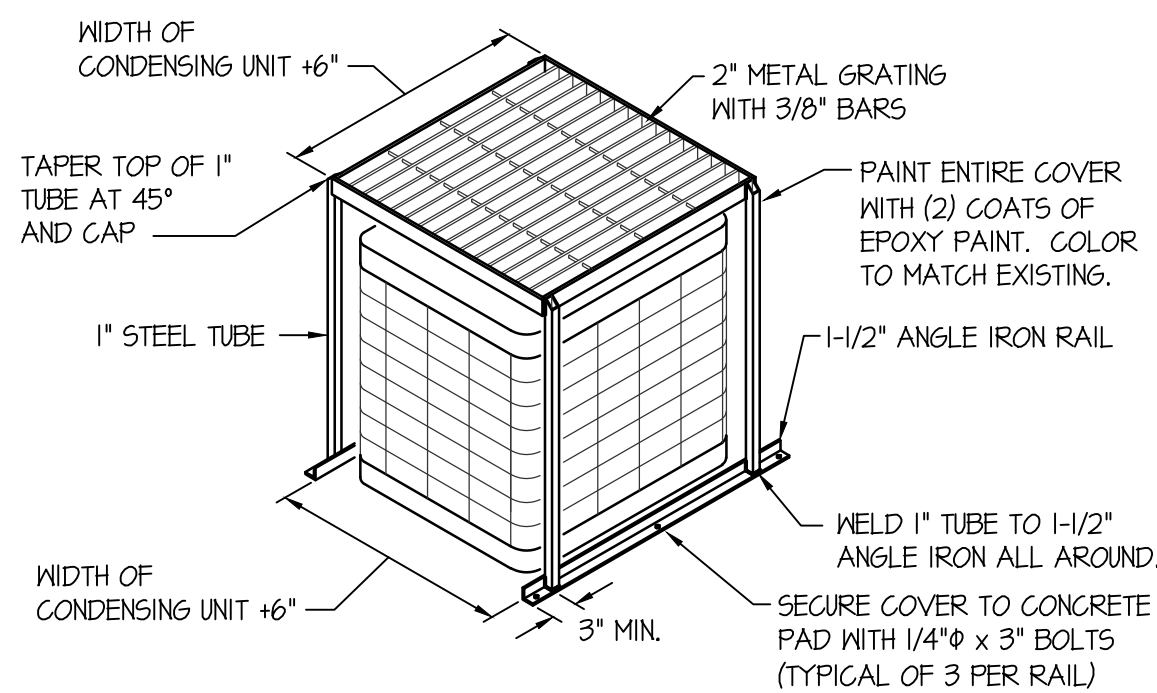
* ALL INDOOR UNITS TO COME WITH CONDENSATE PUMP



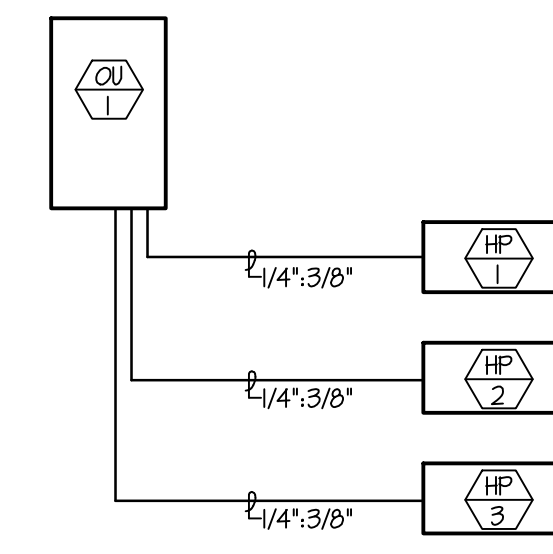
REFRIG. PIPING SUPPORT AT CEILING
NO SCALE



REFRIGERANT PIPE SUPPORT DETAIL
NO SCALE



CONDENSING UNIT COVER DETAIL
NO SCALE



NOTE:
CONTRACTOR TO VERIFY PIPE SIZING WITH MANUFACTURER AND ACTUAL DISTANCES PRIOR TO INSTALLATION.

REFRIGERANT PIPING DETAIL
NO SCALE

FURNACE AND DX COOLING COIL SCHEDULE

SYM.	TYPE	C.F.M.	S.P.E.	SPEED	H.P.	CHAR.	A.G.A.		E.A.T.	L.A.T.	GAS TYPE	DX COOLING COIL				PIPING SIZES			REMARKS				
							INPUT	OUTPUT				CD	NAT GAS	INTAKE	EXHAUST	LIQUID	SUCTION	G.D.		NAT GAS	INTAKE	EXHAUST	
F-1	UPFLOW	1200	60"	M-HIGH	1/3	120/60/1	66,000	64,000	47,800	65°F	105°F	NAT	36,000	75°F	55°F	.25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL145UH070P36B WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VENT TERMINAL ASSEMBLY.
F-2	UPFLOW	1600	60"	M-HIGH	3/4	120/60/1	88,000	82,000	60,000	65°F	105°F	NAT	48,000	75°F	55°F	.25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL145UH070P48C WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VENT TERMINAL ASSEMBLY.
F-3	UPFLOW	800	60"	M-HIGH	1/3	120/60/1	44,000	42,000	34,870	65°F	105°F	NAT	24,000	75°F	55°F	.25"	SEE C. UNIT SCHED.	SEE C. UNIT SCHED.	3/4"	3/4"	2" PVC	2" PVC	LENNOX EL145UH045P24B WITH FULLY CASED R-410A DX COIL TO MATCH FURNACE AND VERTICAL VENT TERMINAL ASSEMBLY.

CONDENSING UNIT SCHEDULE

SYM.	BTU	EAT	CHAR.	MCA	MFS	SEER	REFR.	PIPE SIZING	REMARKS	
								LIQUID	SUCTION	
CU-1	36,000	45°F	208/60/1	21.9	20.0	13.0	R-410A	3/8"	5/8"	LENNOX MODEL I3ACX03654 WITH 0°F LOW AMBIENT HARD START KIT.
CU-2	48,000	45°F	208/60/1	28.9	30.0	13.0	R-410A	1/2"	7/8"	LENNOX MODEL I3ACX04854 WITH 0°F LOW AMBIENT HARD START KIT.
CU-3	24,000	45°F	208/60/1	18.7	30.0	13.0	R-410A	3/8"	5/8"	LENNOX MODEL I3ACX-024 WITH 0°F LOW AMBIENT HARD START KIT.

UNIT HEATER SCHEDULE (GAS)

SYM.	TYPE	CFM	AMPS	CHAR.	(PROPANE) INPUT	(PROPANE) OUTPUT	CD	ELEV.	EAT	LAT	SUP.	FUEL TYPE	FLUES	WEIGHT	REMARKS
UH-1	FAN FORCED NAT. GAS	1345	4.0	115/60/1	105 MBH	87 MBH	12	MBH	50°F	95°F	1/2"	NAT	4"	120#	REZNOR MODEL UDAS 100 WITH HORIZ. VENT TERMINAL ASSEMBLY KIT.

GRILLE AND REGISTER SCHEDULE

SYM.	TYPE	SIZE	CFM RANGE	THROW PATTERN	CONSTR.	FINISH	BALANCING DAMPER	FIRE DAMPER	REMARKS
D-1 CFM	CEILING	6x6	50-100	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-2 CFM	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD WITH BEVELED FRAME
D-3 CFM	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
D-4 CFM	CEILING	9x9	110-280	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
D-5 CFM	CEILING	12x12	285-450	⬇	STEEL	WHITE	NA	NA	PRICE MODEL SMD IN 24x24 LAY-IN MODULE
GR-1	CEILING	10x10	100-300	NA	ALUM.	MATCH SOFFIT	NA	NA	PRICE MODEL 635
R-1	CEILING	8x8	50-150	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535
R-2	CEILING	10x10	100-300	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
R-3	CEILING	16x16	450-700	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
R-4	CEILING	20x20	1050	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535 IN 24x24 LAY-IN MODULE
QI-1	INTAKE	24x24	450	NA	ALUM.	ALUM.	NA	NA	AMERICAN WARMING LE-31 WITH INSECT SCREEN
TG-1	TRANSFER	12x6	50-200	NA	STEEL	WHITE	NA	NA	PRICE MODEL 535