

HVAC UNIT SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	NOMINAL SIZE	CFM	ESP	COOLING				HEATING			ELECTRIC			WEIGHT	REMARKS	
					TYPE	REFRIGERANT	TOTAL	SENSIBLE	EER	FUEL	OUTPUT	STAGES	POWER	MCA			MOP
HVAC-1	TRANE, LENNOX, YORK, CARRIER	15 TONS	6,000	1.75"	DX	410A	186,050	124,700	11.00	NAT. GAS	280,000	2	208/60/3	81.0	110	2,100 LBS	WITH FACTORY ROOF CURB, (SEE NOTE BELOW) ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-2	TRANE, LENNOX, YORK, CARRIER	4 TONS	1,600	0.40"	DX	410A	48,200	36,440	11.0	NAT. GAS	65,600	1	208/60/3	25.4	35	550 LBS	WITH FACTORY ROOF CURB, (SEE NOTE BELOW) ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-3	TRANE, LENNOX, YORK, CARRIER	15 TONS	6,000	1.75"	DX	410A	186,050	124,700	11.00	NAT. GAS	280,000	2	208/60/3	81.0	110	2,100 LBS	WITH FACTORY ROOF CURB, (SEE NOTE BELOW) ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-4	TRANE, LENNOX, YORK, CARRIER	5 TONS	2,000	0.40"	DX	410A	60,020	47,540	11.0	NAT. GAS	65,600	1	208/60/3	28.3	40	850 LBS	WITH FACTORY ROOF CURB, (SEE NOTE BELOW) ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-5	TRANE, LENNOX, YORK, CARRIER	15 TONS	6,000	1.75"	DX	410A	186,050	124,700	11.00	NAT. GAS	280,000	2	208/60/3	81.0	110	2,100 LBS	WITH FACTORY ROOF CURB, (SEE NOTE BELOW) ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-6	TRANE, LENNOX, YORK, CARRIER	4 TONS	1,600	0.40"	DX	410A	48,200	36,440	11.0	NAT. GAS	65,600	1	208/60/3	25.4	35	550 LBS	WITH FACTORY ROOF CURB, (SEE NOTE BELOW) ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS

NOTE - ALL HVAC UNITS WILL BE MOUNTED ON ROOF CURBS, HOWEVER THE SUPPLY AND RETURN WILL BE HORIZONTAL. HVAC EQUIPMENT WILL NEED TO HAVE FACTORY ECONOMIZER AND RELIEF SUPPLY ACOUSTICAL ROOF CURBS WITH HORIZONTAL RETURN THROUGH THE CURB IF THE MANUFACTURER DOES NOT HAVE A HORIZONTAL ECONOMIZER OPTION. BOTTOM LINE IS NO NON-FACTORY ECONOMIZER SYSTEMS.

FAN SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	TYPE	CFM	ESP	ELECTRIC			REMARKS	CONTROL
					POWER	BHP	AMPS		
FL-1	BROAN XBBOL	CEILING FAN-LIGHT	80	0.1"	115 / 60 / 1	---	5.0	COMBINATION FANLIGHT WITH ADJUSTABLE TIME DELAY OFF IN-FAN	POWERED BY ROOM LIGHT SWITCH
EF-1	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-2	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-3	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-4	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-5	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-6	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-7	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-8	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-9	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-10	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-11	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-12	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-13	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-14	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-15	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-16	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-17	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	0.04	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-18	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	0.02	---	ROOF-MOUNTED WITH ROOF CURB, ADAPTOR CURB, DISCONNECT & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-19	GREENHECK, PANASONIC, NUTONE/BROAN	CEILING FAN	110	0.1"	115 / 60 / 1	---	3.0	WITH WALL HANGING BRACKET & OSHA GUARD	POWERED BY ROOM LIGHT SWITCH
CF-1	GREENHECK, COOK	CIRCULATOR	9,600	0.1"	115 / 60 / 1	0.5	---	WITH WALL HANGING BRACKET & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM
CF-2	GREENHECK, COOK	CIRCULATOR	9,600	0.1"	115 / 60 / 1	0.5	---	WITH WALL HANGING BRACKET & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM
GE-1	GREENHECK, COOK	PROPELLER	2,660	0.3"	115 / 60 / 1	0.25	---	WITH WALL COLLAR, MAGNETIC STARTER & OSHA GUARD	CONTINUOUS RUN - 24/7
GE-2	GREENHECK, COOK	PROPELLER	16,200	0.3"	208/60/3	2.0	---	WITH WALL COLLAR, MAGNETIC STARTER & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM
GE-3	GREENHECK, COOK	PROPELLER	16,200	0.3"	208/60/3	2.0	---	WITH WALL COLLAR, MAGNETIC STARTER & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM

HEAT PUMP OUTDOOR UNIT SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	NOMINAL TONS	COOLING BTUH *	HEATING BTUH **	ELECTRIC			REFRIGERANT	SEER	HSPF	WEIGHT	REMARKS
					POWER	MOP	MCA					
OU-A1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	18,000	20,000	208/60/1	15	9.4	410A	20.1	10.0	99 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-A2	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	18,000	20,000	208/60/1	15	9.4	410A	20.1	10.0	99 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-A3	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	18,000	20,000	208/60/1	15	9.4	410A	20.1	10.0	99 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-A4	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	18,000	20,000	208/60/1	15	9.4	410A	20.1	10.0	99 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-B1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	24,000	27,000	208/60/1	20	13.6	410A	20.1	10.0	142 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-B2	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	24,000	27,000	208/60/1	20	13.6	410A	20.1	10.0	142 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-B3	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	24,000	27,000	208/60/1	20	13.6	410A	20.1	10.0	142 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-B4	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.5	30,000	32,000	208/60/1	25	21.7	410A	20.1	10.0	142 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-B5	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	24,000	27,000	208/60/1	20	13.6	410A	20.1	10.0	142 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-C1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.5	30,000	32,000	208/60/1	25	21.7	410A	20.1	10.0	142 LBS	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	18,000	20,000	208/60/1	---	---	410A	---	---	---	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES
OU-2	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	24,000	27,000	208/60/1	---	---	410A	---	---	---	MOUNT ON 18" HIGH BASE & FACTORY WIND BAFFLES

* COOLING OPERATING RANGE OF 23 DEG. F. TO 115 DEG. F. ** HEATING OPERATING RANGE OF 10 DEG. F. TO 60 DEG. F.

HEAT PUMP INDOOR UNIT SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	NOMINAL TONS	CFM	ELECTRIC					REFRIGERANT	REMARKS
				POWER	AUXILIARY HEAT	MCA	FLA	MOP		
AH-A1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	530	208/60/1	3.0 KW	13.63	12.5	15	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-A2	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	530	208/60/1	3.0 KW	13.63	12.5	15	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-A3	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	530	208/60/1	3.0 KW	13.63	12.5	15	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-A4	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	530	208/60/1	3.0 KW	13.63	12.5	15	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-B1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	630	208/60/1	5.0 KW	23.26	18.03	30	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-B2	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	630	208/60/1	5.0 KW	23.26	18.03	30	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-B3	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	630	208/60/1	5.0 KW	23.26	18.03	30	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-B4	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.5	900	208/60/1	5.0 KW	23.26	18.03	30	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-B5	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	630	208/60/1	5.0 KW	24.20	18.03	30	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-C1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.5	900	208/60/1	5.0 KW	23.26	18.03	30	410A	WITH FACTORY FILTER RACK & MOISTURE SENSOR
AH-1	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	1.5	---	208/60/1	NA	---	---	---	410A	WALL HUNG WITH CONDENSATE PUMP
AH-2	SAMSUNG, MITSUBISHI, FJ, DAIKIN, TRANE	2.0	---	208/60/1	NA	---	---	---	410A	WALL HUNG WITH CONDENSATE PUMP

* COOLING CAPACITIES BASED ON 80/67 DEG. F. ENTERING AIR & 45 DEG. F. AT THE CONDENSER (OUTDOOR UNIT)
** HEATING CAPACITIES BASED ON 70 DEG. F. ENTERING AIR & 47/43 DEG. F. AT THE CONDENSER (OUTDOOR UNIT)

REGISTER & GRILLE SCHEDULE

TYPE	ACCEPTABLE MANUFACTURERS	REMARKS
3-WAY THRON CEILING DIFFUSERS	PRICE, METALAIR, TITUS	WHITE FINISH, COMMERCIAL GRADE - WITH OPPOSED BLADE DAMPERS
4-WAY THRON CEILING DIFFUSERS	PRICE, METALAIR, TITUS	WHITE FINISH, COMMERCIAL GRADE - WITH OPPOSED BLADE DAMPERS
RETURN GRILLES	PRICE, METALAIR, TITUS	WHITE FINISH, COMMERCIAL GRADE - 45 DEG. VANES 3/4" SPACING.

ELECTRIC HEATER SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	TYPE	KW	VOLTAGE	REMARKS
EH-1	Q-MARK SSH04008	ELECTRIC WALL HEATER	3.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-2		ELECTRIC WALL HEATER	2.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-3		ELECTRIC WALL HEATER	3.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-4		ELECTRIC WALL HEATER	3.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-5		ELECTRIC WALL HEATER	2.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-6		ELECTRIC WALL HEATER	4.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT