

HVAC UNIT SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	NOMINAL SIZE	CFM	COOLING					HEATING				ELECTRIC			WEIGHT	REMARKS	
				TYPE	REFRIGERANT	TOTAL	SENSIBLE	SEER	FUEL	INPUT	OUTPUT	STAGES	POWER	MCA	MOP			
HVAC-1	TRANE, LENNOX, YORK, CARRIER	15 TONS	6,000	DX	410A	-----	-----	13.0	NAT. GAS	-----	-----	2	208/60/3	-----	-----	-----	LBS	WITH FACTORY ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-2	TRANE, LENNOX, YORK, CARRIER	4 TONS	1,600	DX	410A	-----	-----	13.0	NAT. GAS	-----	-----	1	208/60/3	-----	-----	-----	LBS	WITH FACTORY ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-3	TRANE, LENNOX, YORK, CARRIER	15 TONS	6,000	DX	410A	-----	-----	13.0	NAT. GAS	-----	-----	2	208/60/3	-----	-----	-----	LBS	WITH FACTORY ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-4	TRANE, LENNOX, YORK, CARRIER	5 TONS	2,000	DX	410A	-----	-----	13.0	NAT. GAS	-----	-----	1	208/60/3	-----	-----	-----	LBS	WITH FACTORY ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-5	TRANE, LENNOX, YORK, CARRIER	15 TONS	6,000	DX	410A	-----	-----	13.0	NAT. GAS	-----	-----	2	208/60/3	-----	-----	-----	LBS	WITH FACTORY ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS
HVAC-6	TRANE, LENNOX, YORK, CARRIER	4 TONS	1,600	DX	410A	-----	-----	13.0	NAT. GAS	-----	-----	1	208/60/3	-----	-----	-----	LBS	WITH FACTORY ROOF CURB, ECONOMIZER, BAROMETRIC RELIEF, RETURN AIR SMOKE DETECTOR, THROUGH-THE-CURB ELECTRIC AND GAS

FAN SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	TYPE	CFM	ESP	ELECTRIC		REMARKS	CONTROL
					POWER	FLA		
FL-1	GREENHECK, PANASONIC, NUTONE/BROAN	CEILING FAN-LIGHT	80	0.1"	115 / 60 / 1	---	COMBINATION FAN/LIGHT	POWERED BY ROOM LIGHT SWITCH
EF-1	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-2	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-3	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-4	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-5	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-6	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-7	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-8	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-9	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-10	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-11	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-12	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-13	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-14	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-15	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-16	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-17	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-480	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-18	GREENHECK, COOK	VARIABLE SPEED CENTRIFUGAL	0-240	0.1"	115 / 60 / 1	---	ROOF-MOUNTED WITH ROOF CURB, MAGNETIC STARTER & ECM MOTOR	SPEED CONTROLLED BY PRESSURE CONTROLLER
EF-19	GREENHECK, PANASONIC, NUTONE/BROAN	CEILING FAN	110	0.1"	115 / 60 / 1	---		POWERED BY ROOM LIGHT SWITCH
CF-1	GREENHECK, COOK	CIRCULATOR	9,600	0.1"	115 / 60 / 1	---	WITH WALL BRACKET & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM
CF-2	GREENHECK, COOK	CIRCULATOR	9,600	0.1"	115 / 60 / 1	---	WITH WALL BRACKET & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM
GE-1	GREENHECK, COOK	PROPELLER	2,660	0.3"	115 / 60 / 1	---	WITH WALL COLLAR & OSHA GUARD	CONTINUOUS RUN - 24/7
GE-2	GREENHECK, COOK	PROPELLER	16,200	0.3"	115 / 60 / 1	---	WITH WALL COLLAR, MAGNETIC STARTER & OSHA GUARD	CONTROLLED BY CO MONITORING SYSTEM
GE-3	GREENHECK, COOK	PROPELLER	16,200	0.3"	115 / 60 / 1	---	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	35	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	35	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.

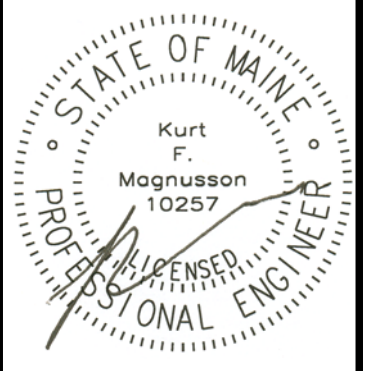
HEAT PUMP INDOOR UNIT SCHEDULE

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)

ELECTRIC HEATER SCHEDULE

TAG	ACCEPTABLE MANUFACTURERS	TYPE	KW	VOLTAGE	REMARKS
EH-1	MARKEL, Q=MARK, CHROMALOX	ELECTRIC WALL HEATER	3.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-2	MARKEL, Q=MARK, CHROMALOX	ELECTRIC WALL HEATER	2.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-3	MARKEL, Q=MARK, CHROMALOX	ELECTRIC WALL HEATER	3.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT
EH-4	MARKEL, Q=MARK, CHROMALOX	ELECTRIC WALL HEATER	3.0	208/60/1	COMMERCIAL GRADE WITH BUILT-IN THERMOSTAT



Mixed Use Development
 York & High Street
 Portland, Maine

REVISION:

ISSUED: FOR PERMITTING 05/16/2016

project architect: KAK
 drawn by: KFM

MECHANICAL SCHEDULES

sheet number:
M3.01

MECHANICAL SYSTEMS ENGINEERS
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