

MULTI - SPLIT A/C INDOOR UNIT - LOCATIONS AND TYPES (REFER TO MULTI-SPLIT A/C INDOOR & OUTDOOR UNIT SCHEDULE)					
SYSTEM	INDOOR UNIT #1	INDOOR UNIT #2	INDOOR UNIT #3	INDOOR UNIT #4	CONDENSING UNIT
<b>CU-1</b>	MULTI-PURPOSE 108	MULTI-PURPOSE 108	MULTI-PURPOSE 108	NONE	CU-1
INDOOR UNIT TAG	HP 1-1	HP 1-2	HP 1-3		<b>4-TON</b>
SIZE	C-15	C-15	C-15		MIN HSPF: 11.0
TYPE	CASSETTE	CASSETTE	CASSETTE		EFF MAINE REBATE: \$1,000
<b>CU-2</b>	CONFERENCE 109	MUDROOM 110	NONE	NONE	CU-2
INDOOR UNIT TAG	HP 2-1	HP 2-2			<b>3-TON</b>
SIZE	C-15	C-09			MIN HSPF: 11.30
TYPE	CASSETTE	CASSETTE			EFF MAINE REBATE: \$750
<b>CU-3</b>	FITNESS	FITNESS	FITNESS	NONE	CU-3
INDOOR UNIT TAG	HP 3-1	HP 3-2	HP 3-3		<b>3-TON</b>
SIZE	C-12	C-12	C-12		MIN HSPF: 11.30
TYPE	CASSETTE	CASSETTE	CASSETTE		EFF MAINE REBATE: \$1,000
<b>CU-4</b>	STORAGE 118	MAIL 115	RECEPTION/ELEV LOBBY	NONE	CU-4
INDOOR UNIT TAG	HP 4-1	HP 4-2	HP 4-3		<b>3.5-TON</b>
SIZE	C-09	C-12	D-24H		MIN HSPF: 10.55
TYPE	CASSETTE	CASSETTE	CONCEALED DUCTED		EFF MAINE REBATE: \$1,000
<b>CU-5</b>	Kitchen	CAFÉ 105	NONE	NONE	CU-5
INDOOR UNIT TAG	HP 5-1	HP 5-2			<b>4-TON</b>
SIZE	C-09	D-36H			MIN HSPF: 10.5
TYPE	CASSETTE	CONCEALED DUCTED			EFF MAINE REBATE: \$750
<b>CU-6</b>	MEETING 106	MEETING 102	ENTRY 101	NONE	CU-6
INDOOR UNIT TAG	HP 6-1	HP 6-2	HP 6-3		<b>3-TON</b>
SIZE	C-15	C-09	D-24H		MIN HSPF: 10.0
TYPE	CASSETTE	CASSETTE	CASSETTE		EFF MAINE REBATE: \$1,000
<b>CU-7</b>	PRESIDENT'S OFFICE 201	OFFICE 202	NONE	NONE	CU-7
INDOOR UNIT TAG	HP 7-1	HP 7-2			<b>2-TON</b>
SIZE	C-15	C-09			MIN HSPF: 11.0
TYPE	CASSETTE	CASSETTE			EFF MAINE REBATE: \$750
<b>CU-8</b>	OFFICE 206	OFFICE 207	NONE	NONE	CU-8
INDOOR UNIT TAG	HP 8-1	HP 8-2			<b>2-TON</b>
SIZE	C-09	C-09			MIN HSPF: 10.0
TYPE	CASSETTE	CASSETTE			EFF MAINE REBATE: \$750
<b>CU-9</b>	LOUNGE 214	MEETING 213	UPPER ATRIUM (W)	UPPER ATRIUM (E)	CU-9
INDOOR UNIT TAG	HP 9-1	HP 9-2	HP 9-3	HP 9-4	<b>3.5-TON</b>
SIZE	D-09L	C-09	W-24	W-09	MIN HSPF: 11.0
TYPE	CONCEALED DUCTED	CASSETTE	WALL MOUNTED	WALL MOUNTED	EFF MAINE REBATE: \$1,250
<b>CU-10</b>	WORKSTATIONS 229 (W)	WORKSTATIONS 229 (C)	NONE	NONE	CU-10
INDOOR UNIT TAG	HP 10-1	HP 10-2			<b>4-TON</b>
SIZE	D-24H	D-36H			MIN HSPF: 10.0
TYPE	CONCEALED DUCTED	CONCEALED DUCTED			EFF MAINE REBATE: \$750
<b>CU-11</b>	WORKSTATIONS 229 (E)	OFFICE 227	OFFICE 226	NONE	CU-11
INDOOR UNIT TAG	HP 11-1	HP 11-2	HP 11-3		<b>3-TON</b>
SIZE	D-24H	C-09	C-09		MIN HSPF: 10.7
TYPE	CONCEALED DUCTED	CASSETTE	CASSETTE		EFF MAINE REBATE: \$1,000
<b>CU-12</b>	WORKSTATIONS 228 (E)	OFFICE 221	OFFICE 222	NONE	CU-12
INDOOR UNIT TAG	HP 12-1	HP 12-2	HP 12-3		<b>4-TON</b>
SIZE	D-24H	C-09	C-09		MIN HSPF: 10.5
TYPE	CONCEALED DUCTED	CASSETTE	CASSETTE		EFF MAINE REBATE: \$1,000
<b>CU-13</b>	WORKSTATIONS 228 (C)	WORKSTATIONS 228 (W)	NONE	NONE	CU-13
INDOOR UNIT TAG	HP 13-1	HP 13-2			<b>4-TON</b>
SIZE	D-36H	D-24H			MIN HSPF: 10.0
TYPE	CONCEALED DUCTED	CONCEALED DUCTED			EFF MAINE REBATE: \$750
<b>CU-14</b>	CORE-HR-ACT 208	CORE-SOLO-HALL 224	MEETING 212	NONE	CU-14
INDOOR UNIT TAG	HP 14-1	HP 14-2	HP 14-3		<b>3-TON</b>
SIZE	D-15L	D-15L	C-09		MIN HSPF: 10.7
TYPE	CONCEALED DUCTED	CONCEALED DUCTED	CASSETTE		EFF MAINE REBATE: \$1,000

MINIMUM HSPF MUST BE MET OR EXCEEDED

MULTI - SPLIT A/C INDOOR & OUTDOOR UNIT SCHEDULE									
INDOOR UNIT:	W-09	W-24	C-09	C-12	C-15	D-09L	D-15L	D-24H	D-36H
COOLING BTUH	9,000	22,500	8,400	11,100	15,000	8,100	15,000	24,000	36,000
HEATING BTUH (@ 47F)	10,900	27,600	10,900	13,600	18,000	10,900	18,000		
REFRIGERANT	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
MITUBISHI MODEL NO.	MSZ-GE09NA	MSZ-GE24NA	SLZ-KA09NA	SLZ-KA12NA	SLZ-KA15NA	SEZ-KD09NA (Low Static)	SEZ-KD15NA (Low Static)	PEA-A24AA (High Static)	PEA-A36AA (High Static)
ARRANGEMENT	WALL MOUNT	WALL MOUNT	CEILING CASSETTE	CEILING CASSETTE	CEILING CASSETTE	DUCTED CONCEALED	DUCTED CONCEALED	DUCTED CONCEALED	DUCTED CONCEALED
DIMENSIONS - H X W X D	11 5/8 x 31 5/16 x 9 1/8	12 13/16 x 43 5/16 x 9 3/8	9 1/4 x 22 7/16 x 22 7/16	9 1/4 x 22 7/16 x 22 7/16	9 1/4 x 22 7/16 x 22 7/16	7 7/8 x 39 x 27 9/16	7 7/8 x 39 x 27 9/16	9 7/8 x 43 5/16 x 28 7/8	9 7/8 x 43 5/16 x 28 7/8
WEIGHT, LBS.	22	37	36	36	36	42	51	73	91
CFM HIGH	360	600	320	350	350	320	525	670	1130
CFM MED	240	475	290	290	290	250	440	550	950
CFM LOW	120	350	250	250	250	200	350	490	750
SOUND dBA - HIGH CFM	43	53	38	39	40	30	37	37	42
ELECTRICAL	208-1-60	208-1-60	208-1-60	208-1-60	208-1-60	208-1-60	208-1-60	208-1-60	208-1-60
MCA	1	1	1	1	1	1	1	2.63	3.3
COND. DRAIN CONN. SIZE	5/8"	5/8"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
LIQUID LINE SIZE	1/4"	5/8"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
GAS LINE SIZE	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
<b>OUTDOOR COND. UNIT(S):</b>	<b>CU-7, 8</b>	<b>CU-2, 3, 6, 11</b>	<b>CU-4, 9, 14</b>	<b>CU-1, 5, 10, 12, 13</b>					
NOMINAL SIZE	<b>2 TON</b>	<b>3 TON</b>	<b>3.5 TON</b>	<b>4 TON</b>					
MITUBISHI MODEL NO.	MXZ-3C24NAHZ	MXZ-4C36NAHZ	MXZ-5C42NAHZ	MXZ-8C48NAHZ					
COOL MAX / HEAT MAX (5°F)	23,600 / 25,000	36,000 / 45,000	42,000 / 48,000	48,000 / 54,000					
ELECTRICAL	208/1/60	208/1/60	208/1/60	208/1/60					
MCA	30	42	42	42					
MOP	40	50	50	50					
SOUND dBA - HIGH	58	53	54	54					
DIMENSIONS H x W x D	41 x 37 x 13	53 x 42 x 14	53 x 42 x 14	53 x 42 x 14					
WEIGHT, LBS.	190	276	276	276					
LIQUID LINE SIZE	1/4"	3/8"	3/8"	3/8"					
HOT GAS LINE SIZE	3/8"	5/8"	5/8"	5/8"					

NOTES:  
1. POWER TO CU'S BY DIV 26. WIRING BETWEEN AC AND CU PROVIDED BY DIV 23.

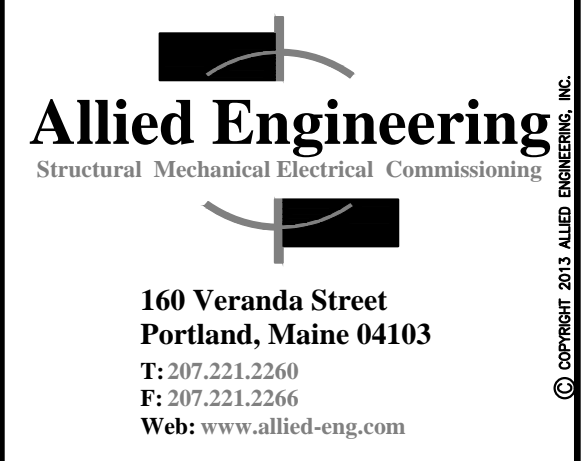
ENERGY RECOVERY UNIT SCHEDULE					
GENERAL	TAG	ERU-1	ERU-2	ERU-3	ERU-4
SERVES		1st FLOOR WEST	1st FLOOR EAST	2ND FLOOR WEST	2ND FLOOR EAST
TYPE		FIXED-PLATE ENTHALPIC	FIXED-PLATE ENTHALPIC	FIXED-PLATE ENTHALPIC	FIXED-PLATE ENTHALPIC
MFR		RENEWAIRE	RENEWAIRE	RENEWAIRE	RENEWAIRE
MODEL		HE1XN ECM	HE1XN ECM	HE1XN ECM	HE1XN ECM
FILTER SECTION		2" MERV 8	2" MERV 8	2" MERV 8	2" MERV 8
(TYP-2, SUPPLY & EXH)		MIN. AREA, sf	2.8	2.8	2.8
VELOCITY		248	250	202	202
OUTSIDE AIR FAN		FC	FC	FC	FC
AIRFLOW, cfm		695	700	575	685
ESP, in. wc.		1.25	1.25	1.25	1.25
MOTOR SPEEDS		ECM	ECM	ECM	ECM
HP		0.75	0.75	0.75	0.75
EXHAUST AIR FAN		FC	FC	FC	FC
AIRFLOW, cfm		690	685	570	680
ESP, in. wc.		1.25	1.25	1.25	1.25
MOTOR SPEEDS		ECM	ECM	ECM	ECM
HP		0.75	0.75	0.75	0.75
OVERALL DIMENSIONS		LENGTH	49.5"	49.5"	49.5"
		WIDTH	36.4"	36.4"	36.4"
		HEIGHT	23.75"	23.75"	23.75"
		OPERATING WEIGHT, lbs.	225	225	225
HEAT RECOVERY CORE		SUMMER OA DB/WB	88 / 72	88 / 72	88 / 72
		WINTER OA DB	-10	-10	-10
		SUMMER SA DB/WB	78.5 / 72.9	78.5 / 72.9	78.5 / 72.9
		WINTER SA DB	46.1	46.1	46.1
		SENSIBLE EFFECTIVENESS	73.2%	73.2%	73.2%
		SUMMER ENTHALPY EFF.	44.8%	44.8%	44.8%
		WINTER ENTHALPY EFF.	66.6%	66.6%	66.6%
ELECTRICAL DATA		FROST CONTROL	NONE REQUIRED	NONE REQUIRED	NONE REQUIRED
		V-PH-HZ	208-1-60	208-1-60	208-1-60
		UNIT FLA	5.1	5.1	5.1
		UNIT MCA	11.5	11.5	11.5
		MAX FUSE SIZE	15.0	15.0	15.0
		SUPPLY AND RETURN SMOKE DETECTORS	NONE REQUIRED	NONE REQUIRED	NONE REQUIRED

NOTES:  
1. ERU MFR. SHALL PROVIDE VFD'S, NF DISCONNECT, 24VAC TRANSFORMER/RELAY PACKAGE.

SPLIT A/C UNIT SCHEDULE	
UNIT	AC-1
SERVES	MDF + SERVER
COOLING MBH (RANGE)	12.0 - 24.0
REFRIGERANT	R410a
INDOOR UNIT:	WALL MOUNT
MITUBISHI MODEL NO.	PKA-A24KA6
WEIGHT, LBS.	46
BLOWER MOTOR (ECM) F.L.A.	0.36
MCA	1
CFM LOW (WET)	570
CFM HIGH (WET)	700
VOLTAGE/PHASE	208/1
SEER	17
DIMENSIONS (H x W x D)	15 x 46 x 12
OUTDOOR COND. UNIT:	CU-AC-1
MITUBISHI MODEL NO.	PUY-A24NHA6
WEIGHT, LBS.	163
LIQUID LINE SIZE	3/8"
HOT GAS LINE SIZE	5/8"
VOLTAGE/PHASE	208/1
MCA	18.0
MOCP	30.0
DIMENSIONS (H x W x D)	37 x 38 x 15

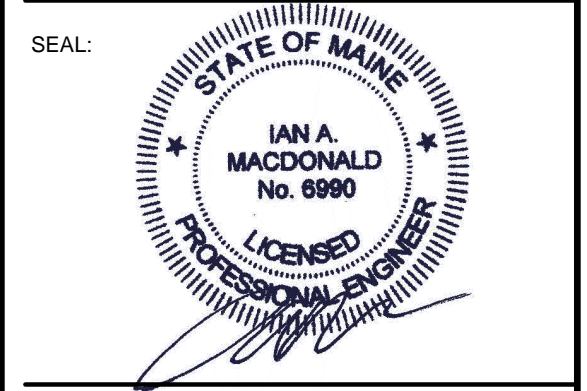


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PROJECT NAME:  
**PATRONS OXFORD OFFICES**  
PORTLAND TECHNOLOGY PARK  
RAND ROAD, PORTLAND, ME



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DATE OF ISSUE: 14 January, 2016  
PROJECT NUMBER: 2105-0100 Patrons Oxford  
STATUS: Construction Documents

**MECHANICAL SCHEDULES**

**MH-600**

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