

MAKE-UP AIR UNIT												
DESIGNATION	NEPTRONIC MODEL NUMBER	MAXIMUM AIRFLOW (CFM)	SERVICE / LOCATION	STATIC PRESSURE (IN. WG)	ELECTRICAL			OPERATING WEIGHT (LBS)	OVERALL DIMENSIONS (LxWxH) (INCHES)	COLLAR SIZE (INCHES)		NOTES
					VOLTAGE / PHASE	POWER RATING (KW)	AMP RATING					
MUA-A	CMU-12-160-A	750	UNITS A	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-B	CMU-12-160-A	750	UNITS B	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-C	CMU-12-160-A	750	UNITS C	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-D	CMU-12-160-A	750	UNITS D	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-E	CMU-12-160-A	750	UNITS E	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-F	CMU-12-160-A	750	UNITS F	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-G	CMU-12-160-A	750	UNITS G	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-H	CMU-12-160-A	750	UNITS H	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-I	CMU-12-160-A	750	UNITS I	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-J	CMU-12-160-A	750	UNITS J	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-K	CMU-12-160-A	750	UNITS K	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-L	CMU-12-160-A	750	UNITS L	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-M	CMU-12-160-A	750	UNITS M	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-N	CMU-12-160-A	750	UNITS N	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-O	CMU-12-160-A	750	UNITS O	0.05	208/3	16	33.33	85	28.8 x 19.3 x 13.8	120		1
MUA-P	CMU-06-1015-A	150	UNITS P	0.05	208/3	1.5	3.125	50	23 x 13.3 x 7.6	60		
MUA-Q	CMU-06-1015-A	150	UNITS Q	0.05	208/3	1.5	3.125	50	23 x 13.3 x 7.6	60		
NOTES: 1. UNIT TO NORMALLY OPERATE AT 200 CFM. INTERLOCK WITH RANGE HOOD AND INCREASE TO 750 CFM WHEN RANGE HOOD TURNED ON.												

PUMPS																
DESIGNATION	LOCATION/ SERVICE	GRUNDFOS MODEL NUMBER	TYPE	GPM	HEAD (FT H2O)	MINIMUM EFFICIENCY (PERCENT)	CASING PRESSURE (PSIG)	RPM	MOTOR			EMERG. POWER (Y/N)	VAR SPEED (Y/N)	OPER WEIGHT (LBS)	NOTES	
									BRAKE HP	NOV. OVERLOADING HP	VOLTAGE/ PHASE					
PCHWP-A-B-1	PRIMARY CHILLED WATER	NBS-020-110-4P	END SUCTION	165	95	74	175	1750	9.85	10	480/3	N	Y	307	1	
PCHWP-A-B-2	PRIMARY CHILLED WATER	NBS-020-110-4P	END SUCTION	165	95	74	175	1750	9.85	10	480/3	N	Y	307	1	
PHWP-A-B-1	PRIMARY HOT WATER PUMP	NBS-015-095-4P	END SUCTION	150	85	73	175	1750	6.54	5	480/3	N	Y	307	1	
PHWP-A-B-2	PRIMARY HOT WATER PUMP	NBS-015-095-4P	END SUCTION	150	85	73	175	1750	6.54	5	480/3	N	Y	307	1	
SCHWP-A-B-1	SECONDARY CHILLED WATER	NBS-015-095-4P	END SUCTION	150	75	73	175	1750	6.54	5	480/3	N	Y	307		
SCHWP-A-B-2	SECONDARY CHILLED WATER	NBS-015-095-4P	END SUCTION	150	75	73	175	1750	6.54	5	480/3	N	Y	307		
SHWP-A-B-1	SECONDARY HOT WATER	NBS-015-095-4P	END SUCTION	180	70	75	175	1750	13.99	5	480/3	N	Y	351		
SHWP-A-B-2	SECONDARY HOT WATER	NBS-015-095-4P	END SUCTION	180	70	75	175	1750	13.99	5	480/3	N	Y	351		
BP-A-B-1	BOILER 1	TPE3 - 50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
BP-A-B-2	BOILER 2	TPE3 - 50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
BP-A-B-3	BOILER 3	TPE3 - 50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
PCHWP-B-P1-1	PRIMARY CHILLED WATER	NBS-020-110-4P	END SUCTION	165	95	74	175	1750	9.85	10	480/3	N	Y	307	1	
PCHWP-B-P1-2	PRIMARY CHILLED WATER	NBS-020-110-4P	END SUCTION	165	95	74	175	3450	9.85	10	480/3	N	Y	307	1	
PHWP-B-P1-1	PRIMARY HOT WATER PUMP	NBS-015-095-4P	END SUCTION	150	85	74	175	1750	6.54	5	480/3	N	Y	307	1	
PHWP-B-P1-2	PRIMARY HOT WATER PUMP	NBS-015-095-4P	END SUCTION	150	85	74	175	1750	6.54	5	480/3	N	Y	307	1	
SCHWP-B-P1-1	SECONDARY CHILLED WATER	NBS-015-095-4P	END SUCTION	150	75	74	175	1750	6.54	5	480/3	N	Y	665		
SCHWP-B-P1-2	SECONDARY CHILLED WATER	NBS-015-095-4P	END SUCTION	150	75	74	175	1750	6.54	5	480/3	N	Y	665		
SHWP-B-P1-1	SECONDARY HOT WATER	NBS-015-095-4P	END SUCTION	180	70	74	175	1750	18.47	5	480/3	N	Y	489		
SHWP-B-P1-2	SECONDARY HOT WATER	NBS-015-095-4P	END SUCTION	180	70	74	175	1750	18.47	5	480/3	N	Y	489		
BP-B-P1-1	BOILER 1	TPE3-50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
BP-B-P1-2	BOILER 2	TPE3-50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
BP-B-P1-3	BOILER 3	TPE3-50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
SMBP-B-P1-1	SNOWMELT						NOT USED									
SMBP-B-P1-2	SNOWMELT						NOT USED									
SMBP-B-P1-3	SNOWMELT						NOT USED									
PCHWP-C-1-1	PRIMARY CHILLED WATER	NBS-015-095-4P	END SUCTION	130	95	74	175	1750	6.54	7	480/3	N	Y	322	1	
PCHWP-C-1-2	PRIMARY CHILLED WATER	NBS-015-095-4P	END SUCTION	130	95	74	175	1750	6.54	7	480/3	N	Y	322	1	
PHWP-C-1-1	PRIMARY HOT WATER PUMP	NBS-015-095-4P	END SUCTION	120	85	74	175	3450	8.82	5	480/3	N	Y	322	1	
PHWP-C-1-2	PRIMARY HOT WATER PUMP	NBS-015-095-4P	END SUCTION	120	85	74	175	3450	8.82	5	480/3	N	Y	322	1	
SCHWP-C-1-1	SECONDARY CHILLED WATER	NBS-015-095-4P	END SUCTION	120	75	74	175	3450	8.82	5	480/3	N	Y	322		
SCHWP-C-1-2	SECONDARY CHILLED WATER	NBS-015-095-4P	END SUCTION	120	75	74	175	3450	8.82	5	480/3	N	Y	322		
SHWP-C-1-1	SECONDARY HOT WATER	NBS-015-095-4P	END SUCTION	180	70	74	175	3450	8.82	5	480/3	N	Y	322		
SHWP-C-1-2	SECONDARY HOT WATER	NBS-015-095-4P	END SUCTION	180	70	74	175	3450	8.82	5	480/3	N	Y	322		
BP-C-1-1	BOILER 1	TPE3-50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
BP-C-1-2	BOILER 2	TPE3-50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
BP-C-1-3	BOILER 3	TPE3-50-200	INLINE	134	35	68.9	175	3450	1.50	2	480/3	N	ECM	116		
GENERAL NOTES: A. SITE ELEVATION: 7,000 FT NOTES: 1. SYSTEM DESIGNED WITH 40% PROPYLENE GLYCOL.																

HOT WATER BOILER																		
DESIGNATION	LOCATION	SERVICE	MANUF. MODEL NUMBER	TYPE	FUEL	INPUT (MBH)	OUTPUT (MBH)	GPM	EWT (°F)	LWT (°F)	PRESS DROP (FT H2O)	PRESS RATING (PSIG)	FLUE SIZE (INCHES)	ELECTRICAL			EMERGENCY POWER (Y/N)	NOTES
														FLA	MCA	VOLTAGE/ PHASE		
B-A-B-1	TOWER-A LEVEL B	TOWER-A HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	
B-A-B-2	TOWER-A LEVEL B	TOWER-A HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	
B-A-B-3	TOWER-A LEVEL B	TOWER-A HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	1
B-B-P1-1	TOWER-B LEVEL P1	TOWER-B HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	
B-B-P1-2	TOWER-B LEVEL P1	TOWER-B HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	
B-B-P1-3	TOWER-B LEVEL P1	TOWER-B HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	1
B-B-P1-4	TOWER-B LEVEL P1	SNOWMELT									NOT USED							
B-B-P1-5	TOWER-B LEVEL P1	SNOWMELT										NOT USED						
B-B-P1-6	TOWER-B LEVEL P1	SNOWMELT										NOT USED						
B-B-P1-7	TOWER-B LEVEL P1	SNOWMELT										NOT USED						
B-B-P1-8	TOWER-B LEVEL P1	SNOWMELT										NOT USED						
B-B-P1-9	TOWER-B LEVEL P1	SNOWMELT									NOT USED							
B-C-1-1	TOWER-C LEVEL 1	TOWER-C HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	
B-C-1-2	TOWER-C LEVEL 1	TOWER-C HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	
B-C-1-3	TOWER-C LEVEL 1	TOWER-C HEATING	NTI FTG 1200	CONDENSING	GAS	1200	1153	134	100	120	8.3	160	8	NA	NA	120/1	N	1
GENERAL NOTES: A. ALL EQUIPMENT TO BE SELECTED AT 7,000 FT ELEVATION.																		
NOTES: 1. REDUNDANT UNIT.																		

FANS																						
DESIGNATION	LOCATION/ SERVICE	COOK MODEL NUMBER	TYPE	CFM	STATIC PRESSURE (IN. WG.)	RPM	BHP	MOTOR		EMERG. POWER (Y/N)	VAR. SPEED (Y/N)	OPERATING WEIGHT (LBS)	SOUND DATA (dBA)								NOTES	
								HP	VOLTAGE/ PHASE				63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	TOTAL	
GEFA-P2-1	TOWER-A P2 / GARAGE EX	EWD 30EW620011	WALL PROP	2600	1.00	1140	1.3	1 1/2	460/3	Y	Y	175	NA	NA	NA	NA	NA	NA	NA	NA	78	2
GEFA-P2-2	TOWER-A P2 / GARAGE EX	EWD 30EW620011	WALL PROP	2600	1.00	1140	1.3	1 1/2	460/3	Y	Y	175	NA	NA	NA	NA	NA	NA	NA	NA	78	2
GEFA-P2-3	TOWER-A P2 / GARAGE EX	EWD 30EW620011	WALL PROP	2600	1.00																	