

PUMP SCHEDULE																			CONDENSING UNIT SCHEDULE									
TAG	LOCATION	SERVICE	FLOW L/s	HEAD kPa	MOTOR kW	ELECTRICAL V/PH/Hz	NOTES												TAG	LOCATION	SERVICE	CAPACITY kW		ELECTRICAL V/PH/Hz MCA MOP		NOTES		
P-301	BOILER ROOM	AHU-1	1.14	51.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750 RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS												CU-216	ROOF	AHU-16	35.2 (10 TON)	575/3/60	16.4	20.0	C/W ROOF RUBBERIZED MOUNTING STAND, COATED COIL, HAIL GUARD, DUAL STAGE COOLING		
P-302	BOILER ROOM	AHU-2	1.70	54.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750 RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS												CU-226A	ROOF	AHU-26	14.1 (4 TON)	208/3/60	26.3	40.0	C/W ROOF RUBBERIZED MOUNTING STAND, COATED COIL, HAIL GUARD, DUAL STAGE COOLING		
P-303B	BOILER ROOM	AHU-3B	0.88	51.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS												CU-301	ROOF	AHU-101	26.3 (7.5 TON)	575/3/60	12.2	15.0	C/W ROOF RUBBERIZED MOUNTING STAND, COATED COIL, HAIL GUARD, DUAL STAGE COOLING		
P-213A	TUNNEL	AHU-4E	0.95	60.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS												CU-228	ROOF	AHU-28	10.6 (3 TON)	208/3/60	21.7	30.0	C/W ROOF RUBBERIZED MOUNTING STAND, COATED COIL, HAIL GUARD, DUAL STAGE COOLING		
P-213B	TUNNEL	AHU-4F	0.95	60.0	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM												CU-232	ROOF	AHU-32	21.1 (6 TON)	575/3/60	10.0	15.0	C/W ROOF RUBBERIZED MOUNTING STAND, COATED COIL, HAIL GUARD, DUAL STAGE COOLING		
P-214A	TUNNEL	AHU-5	0.54	54.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-214B	TUNNEL	RHC LOOP	0.32	54.0	0.093	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-215A	TUNNEL	AHU-7G	0.95	60.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-215B	TUNNEL	AHU-7H	0.95	60.0	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-216A	TUNNEL	AHU-8	0.54	54.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-216B	TUNNEL	RHC LOOP	0.32	54.0	0.093	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-217	WEST MECH	AHU-16	0.32	51.0	0.093	120/1/60	INLINE PUMP, 30MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-217A	WEST MECH	RAD PANELS	0.76	74.7	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-218	WEST MECH	AHU-18	0.57	51.0	0.127	120/1/60	INLINE PUMP, 30MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-218A	WEST MECH	UH/RAD	1.01	72.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-218B	WEST MECH	TERMINAL LOOP	1.01	89.7	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-220	WEST MECH	AHU-27	0.28	65.8	0.093	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-220A	WEST MECH	TERMINAL LOOP	1.10	85.0	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-222	WEST MECH	AHU-28	0.20	51.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-223	WEST MECH	AHU-25/GYM	2.65	125.0	1.490	575/3/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-223A	WEST MECH	AHU-103	0.57	51.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 40MM CONNECTIONS, 3450 RPM																					
P-223B	WEST MECH	AHU-23	1.10	60.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-224A	TUNNEL	AHU-10C	0.95	60.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-224B	TUNNEL	AHU-10D	0.95	60.0	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-225A	TUNNEL	AHU-11	0.54	54.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-225B	TUNNEL	RHC LOOP	0.32	54.0	0.093	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-226A	TUNNEL	AHU 13A	0.95	60.0	0.373	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-226B	TUNNEL	AHU 13B	0.95	60.0	0.373	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-227A	TUNNEL	AHU-14	0.54	65.8	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-227B	TUNNEL	RHC LOOP	0.32	54.0	0.093	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-228	EAST MECH	AHU-29	0.35	54.0	0.093	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 40MM CONNECTIONS, 3250 RPM																					
P-228A	EAST MECH	TERMINAL LOOP	0.63	51.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-229	EAST MECH	AHU-30	0.32	52.0	0.093	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-229A	EAST MECH	TEMRINAL LOOP	0.63	52.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 30MM CONNECTIONS, 3250 RPM																					
P-230	EAST MECH	AHU-32	0.47	52.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-326	WEST MECH	AHU-101	0.54	51.0	0.127	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-327	WEST MECH	AHU-26	0.32	51.0	0.093	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS, C/W PUMP MOUNTED VFD																					
P-401A	SG MECH	BOILER /SYSTEM	1.81	90.0	0.559	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS, C/W PUMP MOUNTED VFD																					
P-401B	SG MECH	BOILER /SYSTEM	1.81	90.0	0.559	120/1/60	INLINE PUMP, 40MM CONNECTIONS, 1750 RPM, CAST IRON BRACKET & CASING, 304SS IMPELLER, HARDENED ALLOY SHAFT, CUPRO-NICKEL SLEEVE. ODP MOTORS																					
P-403	SG MECH	AS-1	1.44	54.0	0.186	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
P-404	SG MECH	AS-2	0.24	52.0	0.093	120/1/60	CIRCULATOR PUMP, CAST IRON CASING, ALUMINUM STATOR, STAINLESS STEEL CIRCULATOR, NON-METALLIC IMPELLER, CERAMIC SHAFT, 25MM CONNECTIONS, 3250 RPM																					
BOILER SCHEDULE																			DIFFUSER & GRILLE SCHEDULE									
TAG	LOCATION.	DESCRIPTION	SERVICE	TYPE	INPUT kW	OUTPUT (HIGHFIRE) kW	EFF %	FLUID TYPE	FLOW L/s	SUPPLY TEMP °C	RETURN TEMP °C	L mm	W mm	H mm	OPERATING WEIGHT KG	GAS mmØ	FLUE mmØ	INTAKE mmØ	ELECTRICAL V/PH/Hz	NOTES								
B-1	SG MECH.	FLOOR MOUNTED FULLY CONDENSING	SG WING	NATURAL GAS	212	206	97.1	WATER	1.81	93	62.2	574	663	1362	306	25	150	100	120/1/60	C/W ACID NEUTRALIZATION KIT, STAINLESS STEEL VENT KIT, BACNET GATEWAY. MAX PRESSURE DROP THROUGH BOILER 14.KPA, FIRETUBE FULLY CONDENSING TYPE.								
B-2	SG MECH.	FLOOR MOUNTED FULLY CONDENSING	SG WING	NATURAL GAS	212	206	97.1	WATER	1.81	93	62.2	574	663	1362	306	25	150	100	120/1/60	C/W ACID NEUTRALIZATION KIT, STAINLESS STEEL VENT KIT, BACNET GATEWAY. MAX PRESSURE DROP THROUGH BOILER 14.KPA, FIRETUBE FULLY CONDENSING TYPE.								
DOMESTIC WATER HEATER SCHEDULE																												
TAG	LOCATION	DESCRIPTION	HEATER		TANK VOLUM E		ELECTRIC AL	DIMENSIONS				NOTES																
			TYPE	INPUT kW	RECOVERY L/h @56°C dT	EFF %	L L	V V	L mm	W mm	H mm	WEIGHT kg(DRY)																
DWH-1A	SG MECH	140F OUTPUT	CONDENSING	73	1101	96	379	120/1/60	-	705Ø	1918	237	ACID NEUTRALIZATION KIT, POWER VENT, NON ASME RATED, C/W MANUFACTURER APPROVED S.S. VENTING KIT															
DWH-1B	SG MECH	140F OUTPUT	CONDENSING	73	1101	96	379	120/1/60	-	705Ø	1918	237	ACID NEUTRALIZATION KIT, POWER VENT, NON ASME RATED, C/W MANUFACTURER APPROVED S.S. VENTING KIT															
DWH-1C	SG MECH	140F OUTPUT	CONDENSING	73	1101	96	379	120/1/60	-	705Ø	1918	237	ACID NEUTRALIZATION KIT, POWER VENT, NON ASME RATED, C/W MANUFACTURER APPROVED S.S. VENTING KIT															
DWH-3	EAST MECH	140F OUTPUT	INSTANT	117	1761	96	N/A	120/1/60	686	394	1080	139	C/W FLOOR MOUNTING KIT, POWER VENT, 5:1 TURNDOWN, SS HEAT EXCHANGER ASME CONSTRUCTION, ALL WELDED. GASKETLESS, ASME T&P RELIEF VALVES, ZERO CLEARANCE TO COMBUSTIBLE, BMS GATEWAY, HILO GAS PRESSURE SWITCH, MANUFACTURER APPROVED S.S. VENTING KIT, ACID NEUTRALIZATION KIT															
DWH-4	EAST MECH	180F OUTPUT	INSTANT	83	1255	96	N/A	120/1/60	501	394	1080	107	C/W FLOOR MOUNTING KIT, POWER VENT, 5:1 TURNDOWN, SS HEAT EXCHANGER ASME CONSTRUCTION, ALL WELDED. GASKETLESS, ASME T&P RELIEF VALVES, ZERO CLEARANCE TO COMBUSTIBLE, BMS GATEWAY, HILO GAS PRESSURE SWITCH,MANUFACTURER APPROVED S.S. VENTING KIT, ACID NEUTRALIZATION KIT															

REAL PROPERTY SERVICES

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DO NOT SCALE DRAWINGS