

Mechanical Equipment Schedule						
Reference	Description	Manufacturer	Model	Duty/Size	Dimensions (WxDPxH) mm	Notes
Main Heating Plant						
P 01	Primary Heating Circulation Pump	Grundfos	Magna3 40-80	1.07ltrs/s at 70kPa	203x239x190	-Packaged variable speed pump with in-built differential pressure sensors - Electrical Supply 1 phase 230V AC 50 Hz, 1.02A F.L.C) -Linked to BMS for demand, speed control and fault monitoring
P 02	CT Heating Circulation Pump	Grundfos	As Existing (UPS 15-50)	As existing	As existing	-Linked to BMS for demand, speed control and fault monitoring
P 03	Heating Circulation Pump - Second Floor	Grundfos	As Existing (UPS 40-80)	As existing - Contractor to measure existing flow rate prior to decommissioning	As existing	-Linked to BMS for demand, speed control and fault monitoring
P 04	Heating Circulation Pump - Ground and First Floor	Grundfos	Magna3 D 40-120	0.7ltrs/s at 100kPa	203x239x190	-Packaged variable speed pump with in-built differential pressure sensors - Electrical Supply 1 phase 230V AC 50 Hz, 1.56A F.L.C) -Linked to BMS for demand, speed control and fault monitoring
Water Services Equipment						
WH 01	Electric Water Storage Heater	Heatrae Sadia	Multipoint 15	15Ltr with 3kW electric immersion coil	267x252x728	-Electrical Supply 1 phase 230V AC 50 Hz, 3kW, 13A - Unit to be supplied with all control and safety valves (PRV, CV, Exp Vessel, etc.) as per manufacturers guidance. - Unit vertically mounted with manufacturers mounting kit
WH 02	Electric Water Storage Heater	Heatrae Sadia	Multipoint 10	10Ltr with 3kW electric immersion coil	267x252x572	-Electrical Supply 1 phase 230V AC 50 Hz, 3kW, 13A - Unit to be supplied with all control and safety valves (PRV, CV, Exp Vessel, etc.) as per manufacturers guidance. - Unit vertically mounted with manufacturers mounting kit
WC 01	Water Conditioner	Hydrotec	HY-MAG DN32	1.1 l/s at 37 mbar	Ø237x224	- Inlet/outlet connections 1 1/4 " BSP - Standard Plus control box - 230V/1ph/50Hz/5A fuse - Max Power 31W - IP 40