

Plantroom

[TOC] Plantroom - SL_90_90

| Mark | Uniclass System Code | Natural Ventilation | Mechanical Ventilation | Mechanical Ventilation Rate | Equipment List | Fire Compar- mentation | Description | Notes | Floor Loading | Clear Internal Length | Clear Internal Width | Clear Internal Height |
|-----------|-------------------------|------------------------|---------------------------|--------------------------------|--|---------------------------|-----------------------------------|-----------------------------------|------------------|--------------------------|-------------------------|--------------------------|
| SPC-1-1_M | Ss_60_40_37 | No | Yes | 4 | LTHW pumping circuits and buffer vessels | TBC | Heating Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-1-2_M | Ss_60_40_17 | No | Yes | 4 | CHW pumping circuits and buffer vessels | TBC | Cooling Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-1-3_M | Ss_65_40 | No | Yes | 4 | Separate AHUs for residential and commercial ventilation systems | TBC | Ventilation Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-1-4_M | Ss_65_40 | No | Yes | 4 | | TBC | Borehole/ Ground Source Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-1-5_M | Ss_65_40 | No | No | | Separate AHUs for residential and commercial ventilation systems | TBC | External Ventilation Plant Deck | Surrounded by acoustic enclosure. | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-2-1_E | Ss_70 | No | Yes | 4 | Generator | TBC | Generator Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-2-2_E | Ss_70 | No | Yes | 4 | | TBC | DNO Substation | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-2-3_E | Ss_70 | No | Yes | 4 | | TBC | Primary LV Switchroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-2-4_E | Ss_70 | No | Yes | 4 | | TBC | Secondary LV Switchroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-2-5_E | Ss_75_10 | No | Yes | 4 | | TBC | Main Comms/Server Room | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-3-1_P | Ss_55_70_38_15 | No | Yes | 4 | | TBC | Cold Water Intake Room | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-3-2_P | Ss_55_30_98_85 | No | Yes | 4 | | TBC | Sprinkler Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-3-3_P | Ss_55_70_38 | No | Yes | 4 | Hot water storage cylinders, pumps | TBC | Domestic Hot Water Plantroom | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |
| SPC-3-4_P | Ss_55_20_34 | Yes | No | | Gas meters | TBC | Gas Intake Metering Room | | 1000 kg/m2 | 4000 mm | 4000 mm | 2500 mm |

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