|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **MISCELLANEOUS LOAD** | | | | | | | |
| **FIRST FLOOR** | | | | | | | |
| **SPACE** | **Equipment** | **WATTAGE** | **Cs** | **Cl** | **CLF** | **Qs (W)** | **Ql (W)** |
| Maintenance office | CEILING ORBITAL FAN, 70W  SMOKE DETECTOR, 0.8W | 70.8 | 0.33 | 0.16 | 0.96 | 22.42944 | 11.328 |
| Minor operating room | SMOKE DETECTOR, 0.4W CARDIOPULMONARY BYPASS MACHINE, 150 W SURGICAL LGHTS, 25W AUTOCLAVE, 2000W ELECTROSURGERY, 109 W | 2284.4 | 0.33 | 0.16 | 0.96 | 723.6979 | 365.504 |
| Examination/Treament Area | CEILING ORBITAL FAN, 70W   SMOKE DETECTOR, 0.8W | 70.8 | 0.33 | 0.16 | 0.96 | 22.42944 | 11.328 |
| Supply Room | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Pharmacy | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Medical records office | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Philhealth | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Doctors on duty | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Emergency room | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Patho. office | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Radiologist office | TV, 125W TELEPHONE, 5W SMOKE DETECTOR, 1.6W CEILING ORBITAL FAN, 70W | 201.6 | 0.33 | 0.16 | 0.96 | 63.86688 | 32.256 |
| X-ray Room | X-RAY MACHINE, 1500W SMOKE DETECTOR, 0.8W | 1500.8 | 0.33 | 0.16 | 0.96 | 475.4534 | 240.128 |
| OPD Clinic Dental 1 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic Dental 2 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic surgery 1 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic surgery 1 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic Pedia 1 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic Pedia 2 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic Medical 1 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD Clinic Medical 2 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD info and admitting 1 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| OPD ob-gyne | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Cashier | TV, 125W TELEPHONE, 5W CASH REGISTER, 100W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 525.8 | 0.33 | 0.16 | 0.96 | 166.5734 | 84.128 |
| Billing | TV, 125W TELEPHONE, 5W CASH REGISTER, 100W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 525.8 | 0.33 | 0.16 | 0.96 | 166.5734 | 84.128 |
| Admitting | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Administrative Office | TELEPHONE, 5W TV, 125W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 425.8 | 0.33 | 0.16 | 0.96 | 134.8934 | 68.128 |
| Admin Office | TELEPHONE, 5W TV, 125W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 425.8 | 0.33 | 0.16 | 0.96 | 134.8934 | 68.128 |
| Social Welfare | TELEPHONE, 5W TV, 125W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 425.8 | 0.33 | 0.16 | 0.96 | 134.8934 | 68.128 |
| OPD info and admitting 2 | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W  SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Ultrasound | TV, 150W TELEPHONE, 5W ULTRASOUND MACHINE, 95W SMOKE DETECTOR, 0.4W | 250.4 | 0.33 | 0.16 | 0.96 | 79.32672 | 40.064 |
| OPD ob-gyne | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Canteen | TV, 150W TELEPHONE, 5W SMOKE DETECTOR, 1.2W CEILING ORBITAL FAN, 70W EXHAUST FAN, 40W | 266.2 | 0.33 | 0.16 | 0.96 | 84.33216 | 42.592 |
| Dietitians office | TV, 150W TELEPHONE, 5W SMOKE DETECTOR, 0.4W | 155.4 | 0.33 | 0.16 | 0.96 | 49.23072 | 24.864 |
| dry storage | SMOKE DETECTOR, 0.4W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| cold storage | SMOKE DETECTOR, 0.4W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Supply recieving area | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Cadaver Holding Room | SMOKE DETECTOR, 0.4W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Nurse Station | TV, 125 W TELEPHONE, 5 W COMPUTER, 225 W | 355 | 0.33 | 0.16 | 0.96 | 112.464 | 56.8 |
| Hallway | SMOKE DETECTOR, 0.8W SPEAKER, 4W FIRE ALARM, 1 W CCTV(14), 56W | 61.8 | 0.33 | 0.16 | 0.96 | 19.57824 | 9.888 |
| Cooking Area | OVEN, 1200 W REFRIGERATOR, 780W  WATER DISPENSER, 600W | 2580 | 0.33 | 0.16 | 0.96 | 817.344 | 412.8 |
| Staff Dining | SMOKE DETECTOR, 0.4W  FRIDGE, 150W  WATER DISPENSER, 600W | 750.4 | 0.33 | 0.16 | 0.96 | 237.7267 | 120.064 |
|  |  |  |  | **Total** | | **5447.249** | **2751.136** |
|  |  |  |  | **Total Load** | | **8198.38528** | |
|  |  |  |  |  |  |  |  |
| **SECOND FLOOR** | | | | | | | |
| **SPACE** | **Equipment** | **Wattage** | **CS** | **Cl** | **CLF** | **Qs (W)** | **Ql (W)** |
| 5- Bed Ward 1 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 5- Bed Ward 2 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 5- Bed Ward 3 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 5- Bed Ward 4 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| Isolation Room | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W  TV, 150 W  WALL FAN,25 W | 5.4 | 0.33 | 0.16 | 0.96 | 1.71072 | 0.864 |
| Private Room 1 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 2 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 3 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 4 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 5 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 6 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 7 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 8 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Isolation Room 2 | SMOKE DETECTOR, 0.4W TELEPHONE, 5W | 5.4 | 0.33 | 0.16 | 0.96 | 1.71072 | 0.864 |
| Chief Nurse | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W  COMPUTER, 225W | 230.4 | 0.33 | 0.16 | 0.96 | 72.99072 | 36.864 |
| Treatment Room | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 70W | 70.4 | 0.33 | 0.16 | 0.96 | 22.30272 | 11.264 |
| Nurse Station | TV, 125 W TELEPHONE, 5 W COMPUTER, 225 W | 355 | 0.33 | 0.16 | 0.96 | 112.464 | 56.8 |
| Reception | SMOKE DETECTOR, 0.4W TELEPHONE, 5W | 5.4 | 0.33 | 0.16 | 0.96 | 1.71072 | 0.864 |
| Chief of Hospital | TELEPHONE, 5W TV, 125W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 425.8 | 0.33 | 0.16 | 0.96 | 134.8934 | 68.128 |
| Conference Room | TELEPHONE, 5W TV, 125W COMPUTER, 225W  WATER DISPENSER, 600 W SMOKE DETECTOR, 0.8 W | 955.8 | 0.33 | 0.16 | 0.96 | 302.7974 | 152.928 |
| Chief of Clinics | TELEPHONE, 5W TV, 125W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 425.8 | 0.33 | 0.16 | 0.96 | 134.8934 | 68.128 |
| 3-Bed Ward 1 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 3-Bed Ward 2 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 3-Bed Ward 3 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 3-Bed Ward 4 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| Delivery Room | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Labor Room | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Pathologic Nursery | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Pre-Mature Nursery | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| BreastFeeding Room | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Pre-operation Area | SMOKE DETECTOR, 0.4W CARDIOPULMONARY BYPASS MACHINE, 150 W SURGICAL LGHTS, 25W AUTOCLAVE, 2000W | 2175.4 | 0.33 | 0.16 | 0.96 | 689.1667 | 348.064 |
| Autoclave Area | AUTOCLAVE, 1400 W SMOKE DETECTOR, 0.4 W | 1400.4 | 0.33 | 0.16 | 0.96 | 443.6467 | 224.064 |
| Sterile Supply Room | TELEPHONE, 15W SMOKE DETECTOR, 0.4 W  FRIDGE, 200 W | 215.4 | 0.33 | 0.16 | 0.96 | 68.23872 | 34.464 |
| Recovery Room | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Lounge Area | SMOKE DETECTOR, 0.4 W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Anesthesia Office | SMOKE DETECTOR 0.4 W TELEPHONE, 5 W COMPUTER, 225 W ANESTHESIA SYSTEM, 166 W | 396.4 | 0.33 | 0.16 | 0.96 | 125.5795 | 63.424 |
| Nurse Station | TV, 125 W TELEPHONE, 5 W COMPUTER, 225 W | 355 | 0.33 | 0.16 | 0.96 | 112.464 | 56.8 |
| Major Operating Room | SMOKE DETECTOR, 0.4 W CARDIOPULMONARY BYPASS MACHINE, 150 W SURGICAL LGHTS, 25W VACUUM SUCTION, 302 W AUTOCLAVE, 2000W | 2477.4 | 0.33 | 0.16 | 0.96 | 784.8403 | 396.384 |
| Clean Up Room | SMOKE DETECTOR, 0.4W | 0.4 | 0.33 | 0.16 | 0.96 | 0.12672 | 0.064 |
| Hallway | SMOKE DETECTOR, 0.8W SPEAKER, 4W FIRE ALARM 1 W CCTV (10), 40 W | 45.8 | 0.33 | 0.16 | 0.96 | 14.50944 | 7.328 |
|  |  |  |  | **Total** | | **3484.825** | **1760.0128** |
|  |  |  |  | **Total Load** | | **5244.838144** | |
|  |  |  |  |  |  |  |  |
| **THIRD FLOOR** | | | | | | | |
| **SPACE** | **Equipment** | **Wattage** | **Cs** | **Cl** | **CLF** | **Qs (W)** | **Qw (W)** |
| 5- Bed Ward 1 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 5- Bed Ward 2 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 5- Bed Ward 3 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 5- Bed Ward 4 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| Isolation Room | SMOKE DETECTOR, 0.4W TELEPHONE, 5W WALL FAN, 25W TV, 150 W | 175.9 | 0.33 | 0.16 | 0.96 | 55.72512 | 28.144 |
| Private Room 1 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 2 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 3 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 4 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 5 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 6 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 7 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 8 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 9 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 10 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 11 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 12 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 13 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 14 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 15 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Private Room 16 | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W   TV, 150 W  MINIFRIDGE,0.66W | 156.06 | 0.33 | 0.16 | 0.96 | 49.43981 | 24.9696 |
| Chief Nurse | SMOKE DETECTOR, 0.4W  TELEPHONE, 5W  COMPUTER, 225W | 230.4 | 0.33 | 0.16 | 0.96 | 72.99072 | 36.864 |
| Treatment Room | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 70W | 70.4 | 0.33 | 0.16 | 0.96 | 22.30272 | 11.264 |
| Nurse Station | TV, 125 W TELEPHONE, 5 W COMPUTER, 225 W | 355 | 0.33 | 0.16 | 0.96 | 112.464 | 56.8 |
| 3-Bed Ward 1 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| 3-Bed Ward 2 | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| Admitting | TELEPHONE, 5W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 300.8 | 0.33 | 0.16 | 0.96 | 95.29344 | 48.128 |
| Billing | TV, 125W TELEPHONE, 5W CASH REGISTER, 100W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 525.8 | 0.33 | 0.16 | 0.96 | 166.5734 | 84.128 |
| Cashier | TV, 125W TELEPHONE, 5W CASH REGISTER, 100W COMPUTER, 225W CEILING ORBITAL FAN, 70W SMOKE DETECTOR, 0.8W | 525.8 | 0.33 | 0.16 | 0.96 | 166.5734 | 84.128 |
| Personel's Dining | SMOKE DETECTOR, 0.4W  Fridge, 150W  WATER, DISPENSER 600W Oven 1200W | 1950.4 | 0.33 | 0.16 | 0.96 | 617.8867 | 312.064 |
| Chapel | HEAT DETECTOR, 0.16 W CEILING ORBITAL FAN, 50 W | 50.16 | 0.33 | 0.16 | 0.96 | 15.89069 | 8.0256 |
| Solarium | SMOKE DETECTOR, 0.4W CEILING ORBITAL FAN, 25W | 25.4 | 0.33 | 0.16 | 0.96 | 8.04672 | 4.064 |
| Hallway | SMOKE DETECTOR, 0.8W SPEAKER, 4W FIRE ALARM,1W CCTV (10), 40W | 45.8 | 0.33 | 0.16 | 0.96 | 14.50944 | 7.328 |
|  |  |  |  | **Total** | | **2187.574** | **1104.8352** |
|  |  |  |  | **Total Load** | | **3292.408896** | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Summary of Data** | | | |
|  | **QS** | **QL** | **Q** |
| FIRST FLOOR | 5447.249 | 2751.136 | 8198.385 |
| SECOND FLOOR | 3484.825 | 1760.013 | 5244.838 |
| THIRD FLOOR | 2187.574 | 1104.835 | 3292.409 |
| TOTAL | **11119.65** | **5615.984** | **16735.63** |
|