| DESIGNATION | RTU-1 | RTU-2 | RTU-3 |
|-------------------------------------|----------------------|----------------|----------------|
| AREA SERVED | REFER TO PLAN | REFER TO PLAN | REFER TO PLAN |
| MODEL NUMBER | OAKE144A3 | OAKE180A3 | OAKE144A3 |
| | 12 | 15 | 12 |
| WEIGHT OF UNIT (POUNDS) | 4,214 | 4,237 | 4,179 |
| | 15.9 | 14.2 | 14.9 |
| DESIGN DATA: | | 1 | |
| SUPPLY AIR (CFM) | 2,840 | 3,045 | 2,175 |
| | 2,840 | 3,045 | 2,175 |
| CONDENSER/COMPRESSOR DAT | A: | 1 | |
| COMPRESSOR No./TYPE | DIGITAL SCROLL | DIGITAL SCROLL | DIGITAL SCROLL |
| CAPACITY CONTROL | FOUR-STAGE | FOUR-STAGE | FOUR-STAGE |
| REFRIGERANT TYPE | R-410A | R-410A | R-410A |
| COMPRESSOR (RLA) EACH | 20.4 | 24 | 20.4 |
| No. OF FANS | 3 | 3 | 3 |
| | 1.23 | 1.59 | 1.01 |
| COIL FACE AREA (SQ. F1.) | 30 | 30 | 30 |
| | 2/12 | 2/12 | 2/12 |
| | 95 | 95 | 95 |
| FILTER DATA: | | 1 | |
| ТҮРЕ | MERV-8/MERV-13 | MERV-8/MERV-13 | MERV-8/MERV-13 |
| | (4) 16x20x2 | (4) 16x20x2 | (4) 16x20x2 |
| | (4) 16x20x2 | (4) 16x20x2 | (4) 16x20x2 |
| | | 1 | 1 |
| FACE AREA (SQ. FT.) | 10 | 10 | 10 |
| | 4/12 | 4/12 | 4/12 |
| | 79.4/66.2 | 79.1/66.0 | 78.6/65.7 |
| | 50.9/50.4 | 48.3/48.0 | 45.6/45.5 |
| | 284 | 304 | 217 |
| | 128.8/85.5 | 153.8/99 | 120.7/76.4 |
| ELECTRIC HEATING DATA: | | 1 | |
| INPUT (MBH) | 51.15 | 51.15 | 34.10 |
| CAPACITY (KW) | 15 | 15 | 10 |
| EAT/LAT (°F) DB | 53.1/69.8 | 54.5/70.1 | 56.0/70.5 |
| | SCR MODULATING | SCR MODULATING | SCR MODULATING |
| HOT GAS REHEAT DATA: | | | |
| CAPACITY (MBH) | 58.9 | 71.7 | 57.6 |
| EAT/LAT (°F) DB | 50.9/70 | 48.3/70 | 45.6/70 |
| ENERGY RECOVERY WHEEL DAT | A: | | |
| EXHAUST AIR (CFM) | 3,033 | 3,604 | 2,362 |
| OUTDOOR AIR (CFM) | 3,033 | 3,244 | 2,362 |
| PRESSURE DROP (IN H ₂ O) | 0.84 | 0.90 | 0.65 |
| MOTOR HP | 0.17 | 0.17 | 0.17 |
| MOTOR FLA (AMPS) | 0.7 | 0.7 | 0.7 |
| ENERGY RECOVERY WHEEL SUM | IMER DATA: | | |
| OUTDOOR AIR EAT (°F) DB/WB | 95.0/75.0 | 95.0/75.0 | 95.0/75.0 |
| RETURN AIR EAT (°F) DB/WB | 75.0/63.0 | 75.0/63.0 | 75.0/63.0 |
| WHEEL LEAVING T (°F) DB/WB | 79.4/66.1 | 79.1/66.0 | 78.6/65.7 |
| CAPACITY RECOVERED (MBH) | 92.48 | 100.66 | 74.45 |
| EFFECTIVENESS (TOTAL/SENS.) | 0.73/0.72 | 0.74/0.79 | 0.77/0.81 |
| ENERGY RECOVERY WHEEL WIN | TER DATA: | | |
| OUTDOOR AIR EAT (°F) DB/WB | 0.0/0.0 | 0.0/0.0 | 0.0/0.0 |
| RETURN AIR EAT (°F) DB/WB | 70.0/53.0 | 70.0/53.0 | 70.0/53.0 |
| WHEEL LEAVING T (°F) DB/WB | 53.1/43.0 | 54.5/43.8 | 56.0/44.8 |
| CAPACITY RECOVERED (MBH) | 204.95 | 224.88 | 164.72 |
| EFFECTIVENESS (TOTAL/SENS.) | 0.77/0.73 | 0.72/0.77 | 0.77/0.81 |
| HEAT PUMP DATA: | I | <u>.</u> | L |
| CAPACITY (MBH) | 79.2 | 97.4 | 77.2 |
| СОР | 2.4 | 2.3 | 2.4 |
| EAT/LAT (°F) DB | 53.1/77.4 | 54.5/82.5 | 56/87.5 |
| SUPPLY FAN DATA: | l | 1 | <u>I</u> |
| SUPPLY AIRFLOW (CFM) | 2,840 | 3,045 | 2,175 |
| ESP/TSP (IN H ₂ O) | 1.25/2.45 | 1.25/0.91 | 1.25/2.10 |
| BHP/HP | 1.57/3.0 | 1.74/3.0 | 1.01/1.5 |
| | 1.552 | 1.592 | 1.646 |
| FLA (AMPS) | 8 | 8 | 4 8 |
| EXHAUST FAN DATA [.] | | | |
| EXHAUST AIRFLOW (CFM) | 2 840 | 3 045 | 2 175 |
| ESP/TSP (IN H_O) | ۲.000 | 0,070 | 0.75/4.60 |
| BHP/HP | | 1 50/2 0 | 0.10/1.02 |
| | 4 207 | 1.08/0.0 | 1.067 |
| FLA (AMPS) | 1,397 | I,3U/ | 1,207 |
| | | Ŏ | 4.8 |
| | ION ELECTRICAL DATA: | | |
| VOLTS/Ø/Hz | 208/3/60 | 208/3/60 | 208/3/60 |
| MCA/MOCP (AMPS) | 115.0/125.0 | 125.1/150.0 | 93.3/100 |
| | | | |

• DIRECT DRIVE SUPPLY FAN WITH VFD.

 STAINLESS STEEL DRAIN PANS. • BACNET IP INTERFACE. PROVIDE FACTORY START-UP SUPPORT FOR INTERFACE WITH THE BUILDING MANAGEMENT SYSTEM.

• 5 YEAR COMPRESSOR PARTS WARRANTY. LOW AMBIENT CONTROL.

 24" HIGH ROOF CURB TRANE UC600 CONTROLS WITH BACNET.

WITH A OVERALL HEIGHT OF 36".

 CONDENSER HAILGUARD. I. ROOF CURBS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR FOR INSTALLATION. 5. ALL UNITS SHALL BE PROVIDED WITH VARIABLE FREQUENCY DRIVES.

6. RTU-1 SHALL BE SUPPLIED CAMBRIDGEPORT CUSTOM ROOF CURB OR APPROVED EQUAL. ROOF CURB SHALL HAVE ONE-PIECE WELDED CONSTRUCTION, BE MADE OF HEAVY GAUGE GALVANIZED STEEL, GALVANIZED COMPOUND COATED WELDS, GASKETING FOR UNIT TO CURB SEALING, FULLY INSULATED AND HAVE SUPPLY TRANSITION AND RETURN PLENUM

| EXHAUST FAN SCHEDULE | | | | | | | | |
|---------------------------|----------------|----------------|--|--|--|--|--|--|
| DESIGNATION | EF-1 | EF-2 | | | | | | |
| LOCATION | ROOF | ROOF | | | | | | |
| AREA SERVED | REFER TO PLANS | REFER TO PLANS | | | | | | |
| MODEL | G-100-VG | G-095-VG | | | | | | |
| CFM | 600 | 600 | | | | | | |
| BHP | 0.1 | 0.15 | | | | | | |
| HP | 1/4 | 1/6 | | | | | | |
| RPM | 1,238 | 1,689 | | | | | | |
| ESP (IN H ₂ O) | 0.45" | 0.43" | | | | | | |
| VOLTS/Ø | 115/1 | 115/1 | | | | | | |
| FLA (AMPS) | 3.8 | 2.8 | | | | | | |
| MCA/MOCP (AMPS) | 4.8/15 | 3.5/15 | | | | | | |
| SOUND DATA (dBA/SONES) | 49/5.2 | 59/10.4 | | | | | | |
| NOTES: | 1 | | | | | | | |

1. FANS BASED ON GREENHECK

GENERAL CONTRACTOR.

ALL SINGLE PHASE MOTORS TO INCLUDE THERMAL OVERLOAD. ALL FANS SHALL BE PROVIDED WITH MOTORIZED BACKDRAFT DAMPERS CONSTRUCTED OF A GALVANIZED STEEL FRAME AND ALUMINUM BLADES WITH SEALS. MOTORIZED DAMPER VOLTAGE SHALL BE 120 VOLTS. MOTORIZED DAMPER SHALL BE COMPLETE WITH END SWITCH AND DISCONNECT SWITCH.

ALL EXHAUST FANS SHALL BE PROVIDED WITH THE FOLLOWING: VARI-GREEN EC MOTOR WITH MOUNTED POTENTIOMETER DIAL, BIRDSCREEN, HOOD HASPS, CURB SEAL AND 18" HIGH ALUMINUM ROOF CURB WITH DAMPER TRAY.

ALL FANS SHALL BE PROVIDED WITH DISCONNECT SWITCH AT UNIT FOR SERVICE. OUTDOOR DISCONNECT SWITCHES SHALL BE NEMA 3R. ROOF CURBS SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AND INSTALLED BY

HEATING AND COOLING MINIMUM PIPE INSULATION COMMERCIAL (THICKNESS IN INCHES)

| 51.1.10 | NOMINAL PIPE DIAMETER | | | | | | | | | |
|---|-----------------------|---------------|--------------|-------|--|--|--|--|--|--|
| FLUID | < 1-1/2" | 1-1/2" < 4.0" | 4.0" to 8.0" | 8.0"≤ | | | | | | |
| HOT WATER | 1.5 | 2.0 | 2.0 | 2.0 | | | | | | |
| REFRIGERANT | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | |
| INTERIOR CONDENSATE AND PUMP DISCHARGE | 1.0 | 1.0 | 1.0 | 1.0 | | | | | | |
| CHILLED WATER | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | |
| | | | | | | | | | | |

NOTES UNLESS OTHERWISE NOTED ALL INTERIOR PIPE COVERING SHALL BE FIBERGLASS PREFORMED PIPE AND PREMOLDED FITTING INSULATION WITH: FIRE RETARDANT VAPOR BARRIER JACKET, 0.23 K-FACTOR AT 75°F MEAN TEMPERATURE, FLAME SPREAD = 25, SMOKE DEVELOPED = 50. ALL INTERIOR AND EXTERIOR PIPING, FITTINGS, AND VALVES SHALL BE INSTALLED WITH 20 MIL THICK, WHITE PVC JACKETING. PVC JACKETING SHALL BE HIGH IMPACT RESISTANT, UV RESISTANT COMPLYING WITH ASTM D 1784, CLASS 16354-C. PROVIDE FACTORY FABRICATED FITTING AND VALVE

- COVERS WHERE AVAILABLE. REFRIGERANT AND CONDENSATE PIPE INSULATION SHALL BE FLEXIBLE ELASTOMERIC FOAM
- SIMILAR TO ARMAFLEX. EXTERIOR INSULATIONS TO BE COATED WITH ARMAFLEX WB OR BE INSTALLED WITH PVC JACKETING.
- FITTINGS AND VALVES SHALL BE PROVIDED WITH PREMOLDED FITTING COVERS WITH PVC JACKETING EQUAL IN THICKNESS AND MATERIAL TO ADJOINING PIPE INSULATION.

MINIMUM DUCT INSULATION COMMERCIAL

ALL SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE INSULATED WITH A MINIMUM OF R-6 INSULATION WHEN LOCATED IN UNCONDITIONED SPACES AND ABOVE CEILINGS AND WITH A MINIMUM OF R-12 INSULATION WHEN LOCATED OUTSIDE THE BUILDING ENVELOPE. WHEN LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY, THE DUCT OR PLENUM SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED OR EXEMPT SPACES BY A MINIMUM OF R-12 INSULATION.

EXCEPTIONS:

1. WHEN LOCATED WITHIN EQUIPMENT. 2. WHEN THE DESIGN TEMPERATURE DIFFERENCE BETWEEN THE INTERIOR AND EXTERIOR OF THE DUCT OR PLENUM DOES NOT EXCEED 15°F (8°C).

ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK, SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), MASTIC-PLUS- EMBEDDED FABRIC SYSTEMS OR TAPES. TAPES AND MASTICS USED TO SEAL DUCTWORK SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. DUCT CONNECTIONS TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. UNLISTED DUCT TAPE IS NOT PERMITTED AS A SEALANT ON ANY METAL DUCTS.

NOTE:

DUCT INSULATION, COVERINGS AND LINING MATERIALS AND ADHESIVES SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25, AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50, IN ACCORDANCE WITH 2020 MECHANICAL CODE OF NEW YORK STATE SECTION 604.3.

| MINI | MUM HAN | IGER SIZE | ES FOR RO | UND DU |
|--------------|--------------------|------------------|-----------|----------|
| DIAMETER | MAXIMUM SPACING | WIRE DIAMETER | ROD | STR |
| <u>≤</u> 10" | 12' | | 1/4" | 1" X 2 |
| | 12' | | 1/4" | 1" X 2 |
| 19" - 24" | 12' | | 1/4" | 1" X 2 |
| 25" - 36" | 12' | | 3/8" | 1" X 2 |
| 37" - 50" | 12' | | TWO 3/8" | TWO 1" 2 |
| 51" - 60" | 12' | | TWO 3/8" | TWO 1" 2 |
| 61" - 84" | 12' | | TWO 3/8" | TWO 1" 2 |

NOTES:

1. STRAPS AND RODS ARE GALVANIZED STEEL

2. TABLE ALLOWS FOR CONVENTIONAL WALL THICKNESS, AND JOINT SYSTEMS PLUS ONE Ib/sf OF INSULATION WEIGHT. IF HEAVIER DUCTS ARE TO BE INSTALLED, ADJUST HANGER SIZES TO BE WITHIN THEIR LOAD LIMITS.

| | | | | | | VE | NTILATIO | ON SCHEDU | LE FIRST FLOOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|---|---|--|---|--|--|---|--|---|--|---|--|--|--|---|--|--|--|---|---|--|---|--|--|---|--|--|---|--|--|---|---------|--|--|---|---|--|--|---|---|---|--|--|---|--|--|---|--|--|--|---------|--|---|--|--|--|---|---|---|--|--|--|---|--|--|---|--|---|---|---------|--|---|---|--|--|---|---|--|--|---|--|---|--|--|---|--|---|--|---------|--|-----|---|---|--|---|---|--|--|--|--|---|--|---|---|--|--|--|---------|--|--|
| | Cross Area | Ba | Ventilation based on | | Occupanct | Calculated | People | Rp | Ventilation based | | Total OA | | Zono Air Distribution | Zone OA | Ventilation | Exhaust | Exhaust | Exhaust | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Space Name | GIUSS AIEa | Na | Net Floor Area | | Density | Occupants (Pz) | Used | Cfm/Person | on People | | Ventilation (Vbz) | | Effectiveness (Ez) | Required (Voz) | Provided | Airflow Rates | Required | Provided | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | sqft | CFM/sqft | CFM | | #/1 | 000 sqft | | | CFM | | CFM | | | CFM | CFM | CFM/sqft | CFM | CFM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 101 | 650 | 0.12 | 78 | + | 35 | 22.8 | 27.0 | 10 | 270 | = | 348 | Х | 0.8 | 435 | 435 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 102 | 710 | 0.12 | 86 | + | 40 | 28.4 | 28.0 | 10 | 280 | = | 366 | Х | 0.8 | 458 | 460 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 103 | 545 | 0.12 | 66 | + | 40 | 21.8 | 22.0 | 10 | 220 | = | 286 | х | 0.8 | 358 | 360 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 104 | 475 | 0.12 | 57 | + | 40 | 19.0 | 19.0 | 10 | 190 | = | 247 | Х | 0.8 | 309 | 310 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 105 | 780 | 0.12 | 94 | + | 30 | 23.4 | 30.0 | 10 | 300 | = | 394 | Х | 0.8 | 493 | 495 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 106 | 560 | 0.12 | 68 | + | 40 | 22.4 | 22.0 | 10 | 220 | = | 288 | х | 0.8 | 360 | 360 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 107 | 545 | 0.12 | 66 | + | 40 | 21.8 | 22.0 | 10 | 220 | = | 286 | х | 0.8 | 358 | 360 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGI 108 | 230 | 0.12 | 28 | + | 40 | 9.2 | 10.0 | 10 | 100 | = | 128 | х | 0.8 | 160 | 160 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGI 109 | 200 | 0.12 | 24 | + | 40 | 8.0 | 8.0 | 10 | 80 | = | 104 | Х | 0.8 | 130 | 130 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGI 113 | 130 | 0.12 | 16 | + | 40 | 5.2 | 5.0 | 10 | 50 | = | 66 | Х | 0.8 | 83 | 85 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGI 114 | 130 | 0.12 | 16 | + | 40 | 5.2 | 5.0 | 10 | 50 | = | 66 | х | 0.8 | 83 | 85 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGI 115 | 130 | 0.12 | 16 | + | 40 | 5.2 | 5.0 | 10 | 50 | = | 66 | х | 0.8 | 83 | 85 | _ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 117 | 70 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 118 | 60 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 119 | 60 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan 120 | 45 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 122 | 60 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 123 | 60 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 124 | 60 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toil 125 | 60 | - | - | + | - | - | - | - | - | = | - | х | - | - | - | - | 75 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Elev Lobby | 365 | 0.06 | 22 | + | 30 | 11.0 | 12.0 | 7.5 | 90 | = | 112 | х | 0.8 | 140 | 140 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Corridor C102 | 410 | 0.06 | - | + | - | - | - | - | - | = | 25 | х | 0.8 | 31 | 30 | - | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | VEN | TILATIO | N SCHEDUL | E SECOND FLOOR | १ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Ra | Ventilation based on | | Occupanct | Calculated | | | Ventilation based | | Total OA | | Zone Air Distribution | Zone OA | Ventilation | Exhaust | Exhaust | Exhaust | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Space Name | Gross Area | | Net Floor Area | | Density | Occupants (Pz) | People | Rp | on People | | Ventilation (Vbz) | | Effectiveness (Ez) | Required (Voz) | Provided | Airflow Rates | Required | Provided | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Opdoe Name | | | | | | | اممما | A A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | Usea | Cfm/Person | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | sqft | CFM/sqft | CFM | | #/1000 sqft | | Usea | Cfm/Person | CFM | | CFM | | | CFM | CFM | CFWsqft | CFM | CFM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 | sqft 635 | CFM/sqft 0.12 | CFM 77 | + | #/1000 sqft 40 | 25.4 | 25.0 | Cfm/Person 10 | CFM 250 | = | CFM 327 | X | 0.8 | CFM 409 | CFM 410 | CFWsqft - | CFM - | CFM - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 | sqft 635 565 | CFM/sqft 0.12 0.12 | CFM 77 68 | + + | #/1000 sqft 40 40 | 25.4 22.6 | 25.0 23.0 | Cfm/Person 10 10 | CFM 250 230 | = | CFM 327 298 | x x | 0.8 | CFM 409 373 | CFM 410 375 | CFWsqft - - | CFM - - | CFM - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 | sqft 635 565 470 | CFM/sqft 0.12 0.12 0.12 | CFM 77 68 57 | + + + + | #/1000 sqft 40 40 40 | 25.4 22.6 18.8 | 25.0 23.0 19.0 | 2017 2017 2017 2017 2017 2017 2017 2017 | CFM 250 230 190 | = | CFM 327 298 247 | X X X | 0.8 0.8 0.8 0.8 | CFM 409 373 309 | CFM 410 375 310 | CFWsqft - - - | CFM - - - | CFM - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 | sqft 635 565 470 100 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 | CFM 77 68 57 6 | + + + + + | #/1000 sqft 40 40 40 5 | 25.4 22.6 18.8 0.5 | 25.0 23.0 19.0 2.0 | <u>10</u> 10 10 10 5 | CFM 250 230 190 10 | = = = = | CFM 327 298 247 16 | x x x x x | 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 | CFM 410 375 310 20 | CFWsqft - - - - | CFM - - - - | CFM - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 | sqft 635 565 470 100 100 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 0.06 | CFM 77 68 57 6 6 6 | + + + + + + | #/1000 sqft 40 40 40 5 5 5 | 25.4 22.6 18.8 0.5 0.5 | 25.0 23.0 19.0 2.0 2.0 | Cfm/Person 10 10 10 5 5 | CFM 250 230 190 10 10 | = = = = | CFM 327 298 247 16 16 | x x x x x x | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 | CFM 410 375 310 20 20 | CFWsqft - - - - - - | CFM - - - - - | CFM - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 | sqft 635 565 470 100 100 515 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 | + + + + + | #/1000 sqft 40 40 40 5 5 5 40 | 25.4 22.6 18.8 0.5 0.5 20.6 | 25.0 23.0 19.0 2.0 2.0 21.0 | Ctm/Person 10 10 10 5 5 5 10 | CFM 250 230 190 10 10 210 | = = = = = = | CFM 327 298 247 16 16 272 | X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 | CFM 410 375 310 20 20 20 340 | CFWsqft - - - - - - - | CFM - - - - - - - | CFM - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 | sqft 635 565 470 100 100 515 815 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 2 98 | + + + + + + + + | #/1000 sqft 40 40 40 5 5 5 40 30 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 | 25.0 23.0 19.0 2.0 2.0 21.0 30.0 | Cfm/Person 10 10 5 5 5 10 10 | CFM 250 230 190 10 10 210 300 | = = = = = = = | CFM 327 298 247 16 272 398 | X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 | CFM 410 375 310 20 20 340 500 | CFWsqft - - - - - - - - - - | CFM - - - - - - - - - - | CFM - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 | sqft 635 565 470 100 100 515 815 540 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 2 98 65 | + + + + + + + + + | #/1000 sqft 40 40 40 5 5 5 40 30 40 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 | 25.0 23.0 19.0 2.0 2.0 21.0 30.0 22.0 | Ctm/Person 10 10 5 5 5 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 | = = = = = = = = = | CFM 327 298 247 16 16 272 398 285 | X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 | CFM 410 375 310 20 20 20 340 500 360 | CFWsqft - - - - - - - - - - - | CFM - - - - - - - - - - | CFM - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 SGI 209 | sqft 635 565 470 100 100 515 815 815 540 255 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 0.12 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 2 98 65 31 | + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 40 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 | Cfm/Person 10 10 5 5 5 10 10 10 10 10 | CFM 250 230 190 10 210 300 220 100 | | CFM 327 298 247 16 16 272 398 285 131 | x x x x x x x x x x x x x x x | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 | CFM 410 375 310 20 20 340 500 360 165 | CFWsqft - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 SGI 209 Class 210 | sqft 635 565 470 100 100 515 815 540 255 860 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 0.12 0.12 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 2 98 65 31 104 | + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 40 30 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 | 25.0 23.0 19.0 2.0 2.0 21.0 30.0 22.0 10.0 30.0 | Cfm/Person 10 10 5 5 5 10 10 10 10 10 10 | CFM 250 230 190 10 210 300 220 100 300 200 300 300 | | CFM 327 298 247 16 16 272 398 285 131 404 | X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 505 | CFM 410 375 310 20 20 20 340 500 360 165 505 | CFWsqft - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 SGI 209 Class 210 Class 211 | sqft 635 565 470 100 100 515 815 540 255 860 830 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 0.12 0.12 0.12 0.12 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 2 98 65 31 104 100 | + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 40 30 30 30 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 | Cfm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 300 300 300 300 | | CFM 327 298 247 16 16 272 398 285 131 404 | X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 505 500 | CFM 410 375 310 20 20 20 340 500 360 165 505 500 | CFWsqft - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 206 Class 207 Class 208 SGI 209 Class 210 Class 211 Class 212 | sqft 635 565 470 100 515 815 540 255 860 830 825 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 0.06 0.12 0.12 0.12 0.12 0.12 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 2 98 65 31 104 100 99 | + + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 40 30 30 30 30 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 24.8 | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 30.0 | Cfm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 300 300 300 300 300 300 300 | | CFM 327 298 247 16 272 398 285 131 404 400 399 | X X X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 505 500 499 | CFM 410 375 310 20 20 20 340 500 360 165 505 500 500 | CFWsqft | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 206 Class 207 Class 208 SGI 209 Class 210 Class 211 Class 212 SGI 213 | sqft 635 565 470 100 515 815 540 255 860 830 830 825 180 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 0.06 0.12 0.12 0.12 0.12 0.12 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 98 65 31 104 100 99 99 22 | + + + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 40 30 30 30 30 30 40 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 24.8 7.2 | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 | Cfm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 300 300 300 300 300 300 300 300 300 300 300 300 | | CFM 327 298 247 16 16 272 398 285 131 404 399 92 | X X X X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 505 500 499 115 | CFM 410 375 310 20 20 20 340 500 360 165 505 500 500 115 | CFWsqft | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 SGI 209 Class 211 Class 212 SGI 213 SGI 214 | sqft 635 565 470 100 515 815 540 255 860 830 825 180 180 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 0.06 0.06 0.12 0.12 0.12 0.12 0.12 0.12 0.12 0.12 | CFM 77 68 57 6 6 6 6 6 6 6 98 65 31 104 100 99 99 22 22 22 | + + + + + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 40 30 40 40 30 30 30 30 30 40 40 40 40 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 24.8 7.2 7.2 | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 30.0 30.0 7.0 7.0 | Cfm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 300 300 300 300 300 300 300 300 300 300 300 300 70 70 | | CFM 327 298 247 16 272 398 285 131 404 400 399 92 92 | X X X X X X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 340 498 357 164 505 500 499 115 115 | CFM 410 375 310 20 20 340 500 360 165 505 500 500 115 115 | CFWsqft | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 SGI 209 Class 211 Class 212 SGI 213 SGI 214 Toil 215 | sqft 635 565 470 100 515 815 540 255 860 830 830 825 180 180 45 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 0.06 0.12 0.06 0.06 0.06 0.12 0. | CFM 77 68 57 6 6 6 6 6 6 6 98 65 31 104 100 99 22 22 22 22 - | + + + + + + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 30 30 30 30 30 40 40 40 40 40 40 40 | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 24.8 7.2 7.2 7.2 - | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 7.0 - | Cfm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 200 100 300 70 70 - | | CFM 327 298 247 16 16 272 398 285 131 404 400 399 92 92 - | X X X X X X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 505 500 499 115 115 - | CFM 410 375 310 20 20 340 500 360 165 505 500 500 115 115 - | CFWsqft | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - - - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 206 Class 207 Class 208 SGI 209 Class 210 Class 210 Class 211 Class 212 SGI 213 SGI 214 Toil 215 Toil 216 | sqft 635 565 470 100 515 815 540 255 860 830 825 180 180 180 45 45 | CFM/sqft 0.12 0.12 0.12 0.12 0.06 0.06 0.06 0.12 0. | CFM 77 68 57 6 6 6 6 6 6 98 65 31 104 100 99 22 22 22 22 - - | + + + + + + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 40 30 40 40 40 30 30 30 30 30 40 40 40 40 - - | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 24.8 7.2 7.2 7.2 - | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 - - | Ctm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 300 300 300 300 300 300 300 - - | | CFM 327 298 247 16 272 398 285 131 404 400 399 92 - - | X X X X X X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 340 498 357 164 505 500 499 115 115 115 - - | CFM 410 375 310 20 20 340 500 360 165 505 500 500 500 115 115 - - | CFWsqft | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - - - - 75 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Class 201 Class 202 Class 203 Office 204 Office 205 Class 206 Class 207 Class 208 SGI 209 Class 210 Class 212 SGI 213 SGI 214 Toil 215 Toil 217 | sqft 635 565 470 100 515 815 540 255 860 830 825 180 45 45 55 | CFM/sqft 0.12 0.12 0.12 0.06 0.06 0.12 0. | CFM 77 68 57 6 6 6 6 6 6 6 98 65 31 104 100 99 22 22 22 22 22 - - - | + + + + + + + + + + + + + + + + + + + | #/1000 sqft 40 40 5 5 5 40 30 40 40 40 30 30 30 30 40 40 40 40 40 - - - | 25.4 22.6 18.8 0.5 0.5 20.6 24.5 21.6 10.2 25.8 24.9 24.8 7.2 7.2 7.2 7.2 - | Osed 25.0 23.0 19.0 2.0 21.0 30.0 22.0 10.0 30.0 30.0 30.0 30.0 30.0 - - - - | Ctm/Person 10 10 10 5 5 10 10 10 10 10 10 10 10 10 10 | CFM 250 230 190 10 10 210 300 220 100 300 200 100 300 70 - - - - - | | CFM 327 298 247 16 16 272 398 285 131 404 400 399 92 92 - - - - | X X X X X X X X X X X X X X X X X X X | 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 | CFM 409 373 309 20 20 20 340 498 357 164 505 500 499 115 115 115 - - - | CFM 410 375 310 20 20 340 500 360 165 505 500 500 115 115 - - - | CFWsqft | CFM - - - - - - - - - - - - - - - - - - - | CFM - - - - - - - - - - - - - - 75 75 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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NOTES:

PERFORMED BY THE AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR DIRECT TO THE SCHOOL DISTRICT. AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR SHALL SUPPLY AND TURNOVER CONTROLS ELEMENTS REQUIRED TO BE INSTALLED IN PIPING AND/OR DUCTWORK TO THE MECHANICAL

ALL WORK ASSOCIATED WITH AUTOMATIC TEMPERATURE CONTROLS SHALL BE

- CONTRACTOR WHO SHALL BE RESPONSIBLE FOR INSTALLING THE CONTROL ELEMENTS. MECHANICAL CONTRACTOR SHALL COORDINATE. VERIFY ALL FINISH COLORS WITH ARCHITECT PRIOR TO ORDERING FOR ALL
- EQUIPMENT VISIBLE WITHIN SPACE OR FROM EXTERIOR OF BUILDING. ALL EQUIPMENT SHALL BE FINISHED USING MANUFACTURER'S FULL RANGE OF STANDARD AND CUSTOM COLORS/FINISHES UNLESS OTHERWISE NOTED.
- MECHANICAL CONTRACTOR SHALL PROVIDE A DELEGATED DESIGN FOR WIND RESTRAINT OF ALL ROOF MOUNTED MECHANICAL EQUIPMENT. REFER TO WIND DESIGN DATA ON DRAWING S001.



