## VIROGUARD SCHEDULE

| TAG | COUNT | DESCRIPTION | DUCT CONNECTION SIZE | FAN | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN MANUFACTURER |
|---|---|---|---|---|---|---|---|
| VG-1 | 1 | VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM | 14" X 14" | CAPTIVE-AIRE DU85HFA | TDC | GC | ENVIROMATIC |

## SANITIZING EQUIPMENT SCHEDULE

| TAG | COUNT | DESCRIPTION | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | MANUFACTURER | MODEL | |
| SB-1 | 2 | BATHROOM AIR PURIFICATION UNIT | TUV | GC | RGF ENVIRONMENTAL GROUP | BRU ASSEMBLY | SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION |
| SH-1 | 2 | HVAC AIR PURIFICATION UNIT | TUV | GC | RGF ENVIRONMENTAL GROUP | REME-HALO | SEE DETAIL 6/M700 FOR INSTALLATION INFORMATION. |
| SI-1 | 3 | ICE MACHINE TREATMENT SYSTEM | TUV | GC | RGF ENVIRONMENTAL GROUP | IMS-B-GA | SEE PLUMBING DRAWINGS FOR INSTALLATION INFORMATION. |

## AIR TERMINAL SCHEDULE

| TAG | DESCRIPTION | FACE SIZE | MATERIAL | FINISH | MOUNTING | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | MANUFACTURER | MODEL | |
| CD1 | PERFORATED CEILING DIFFUSER | 24" X 24" | ALUMINUM | WHITE | LAY-IN CEILING | GC | GC | NAILOR | 4320A TYPE L | PROVIDE WITH INTEGRAL OBD |
| CD2 | PERFORATED CEILING DIFFUSER | 24" X 12" | ALUMINUM | WHITE | LAY-IN CEILING | GC | GC | NAILOR | 4320A TYPE L | PROVIDE WITH INTEGRAL OBD, REMOVE 4-WAY DEFLECTORS |
| CD3 | PERFORATED CEILING DIFFUSER | 12" X 12" | ALUMINUM | WHITE | SURFACE MOUNT | GC | GC | NAILOR | 4320A TYPE S | PROVIDE WITH INTEGRAL OBD |
| ER1 | PERFORATED CEILING EXHAUST | 12" X 12" | ALUMINUM | WHITE | SURFACE MOUNT | GC | GC | NAILOR | 4330R TYPE S | PROVIDE INTEGRAL OBD |
| RG1 | PERFORATED CEILING RETURN | 48" X 24" | ALUMINUM | WHITE | LAY-IN CEILING | GC | GC | NAILOR | 4330R TYPE L | |
| RG3 | PERFORATED CEILING RETURN | 48" X 24" | ALUMINUM | WHITE | SURFACE MOUNT | GC | GC | NAILOR | 4330R TYPE S | |
| SR1 | ADJUSTABLE TURBO NOZZLE | SEE NECK SIZE | ALUMINUM | WHITE | WALL | GC | GC | AIR CONCEPTS | ANR-12 | PROVIDE WITH CONCEALED MOUNTING AND FACE-ACCESSIBLE OBD |
| SR2 | DOUBLE DEFLECTION SUPPLY REGISTER | SEE NECK SIZE | ALUMINUM | WHITE | WALL | GC | GC | NAILOR | 51DH | PROVIDE WITH INTEGRAL OBD |

## FAN SCHEDULE

| TAG | DESCRIPTION | AIRFLOW | E.S.P. | WEIGHT | ELECTRICAL | | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | MOTOR POWER | V/P/H | | | MANUFACTURER | MODEL | |
| EF-1 | UPBLAST UL762 EXHAUST FAN | 1,870 CFM | 1.20 in-wg | 300 lb | 1 hp | 120/1/60 | HS | GC | CAPTIVE-AIRE | DU85HFA | DIRECT DRIVE UL762 UPBLAST EXHAUST FAN FURNISHED WITH WEATHERPROOF DISCONNECT, VENTED ROOF CURB AND SPEED CONTROLLER |
| EF-2 | DOWNBLAST RESTROOM EXHAUST FAN | 150 CFM | 0.60 in-wg | 100 lb | 0.18 hp | 120/1/60 | HS | GC | CAPTIVE-AIRE | DR12HFA | DIRECT DRIVE DOWNBLAST RESTROOM EXHAUST FAN FURNISHED WITH INTEGRAL DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER, AND CURB |

## CONDENSING UNIT SCHEDULE

| TAG | DESCRIPTION | NUMBER OF | | REFRIGERANT | | WEIGHT | ELECTRICAL | | | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | COMPRESSORS | CIRCUITS | TYPE | CHARGE | | MOCP | FLA | V/P/H | | | MANUFACTURER | MODEL | |
| CU-1 | CONDENSING UNIT - WALK-IN COOLER | 1 | 1 | R-404A | 10.4 lb | 250 lb | 15 A | 9.4 A | 208/3/60 | WCS | GC | HARFORD | KPCL99MZOP-3E | FURNISHED WITH WALK-IN COOLER |
| CU-2 | REMOTE CONDENSER - LOW CAPACITY ICE MAKER | 0 | 1 | R-404A | 11.46 lb | 100 lb | | | 120/1/60 | KES | GC | HOSHIZAKI | URC-9F | FURNISHED WITH ICE MAKER |
| CU-3 | REMOTE CONDENSER - SODA MACHINE ICE MAKER | 0 | 1 | R-404A | 3.86 lb | 100 lb | | | 120/1/60 | KES | GC | HOSHIZAKI | URC-5F | FURNISHED WITH ICE MAKER |

## KITCHEN HOOD SCHEDULE

| TAG | DESCRIPTION | MAX COOKING TEMP. | EXHAUST PLENUM | | | | | | | NO. OF LIGHT FIXTURES | WEIGHT | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | AIRFLOW | E.S.P. | DUCT COLLARS | | | | | | | | | MANUFACTURER | MODEL | |
| | | | | | NO. | WIDTH | LENGTH | LENGTH | WIDTH | | | | | | | |
| HD-1 | TYPE I CANOPY HOOD | 600 °F | 1,870 CFM | 0.98 in-wg | 1 | 10" | 1' - 5" | 9' - 4" | 2' - 9" | 6 | 700 lb | HS | GC | CAPTIVE-AIRE | 3650 BD-2 | MAT'L: 18 GA. TYPE 430 SS. FURNISHED WITH VERTICAL END PANELS, VAPORPROOF INCANDESCENT LIGHT FIXTURES, 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, KITCHEN EXHAUST SUPPRESSION SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR. |

## ROOFTOP UNIT SCHEDULE

| TAG | DESCRIPTION | NOMINAL CAPACITY | EER | AIRFLOW | | | NET COOLING CAPACITY | | | | COND. EAT | HEATING CAPACITY | | | NUMBER OF | | REFRIGERANT | | WEIGHT | ELECTRICAL | | | FURNISHED BY | INSTALLED BY | BASIS FOR DESIGN | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TOTAL | OA | E.S.P. | TOTAL | SENSIBLE | EAT | | | INPUT | OUTPUT | EAT | COMPRESSORS | CIRCUITS | TYPE | CHARGE | | MOCP | MCA | V/P/H | | | MANUFACTURER | MODEL | |
| | | | | | | | | | DB | WB | | | | | | | | | | | | | | | | | |
| RTU-1 | KITCHEN ROOFTOP UNIT | 10 ton | 11 | 3,500 CFM | 940 CFM | 0.80 in-wg | 105,600 Btu/h | 89,400 Btu/h | 79.8 °F | 64.5 °F | 103 °F | 250,000 Btu/h | 205,000 Btu/h | 53.1 °F | 2 | 1 | R-410A | 14 lb | 1,300 lb | 60 A | 45 A | 208/3/60 | HES | GC | CARRIER | 48FCFN12 | FURNISHED WITH HOT GAS REHEAT WITH REMOTE HUMIDISTAT, HINGED ACCESS PANELS, CRECOMZR107A00 ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE |
| RTU-2 | DINING ROOM ROOFTOP UNIT | 8.5 ton | 11.2 | 3,200 CFM | 1,180 CFM | 0.80 in-wg | 85,900 Btu/h | 81,620 Btu/h | 82.6 °F | 63.9 °F | 103 °F | 224,000 Btu/h | 181,000 Btu/h | 46 °F | 2 | 1 | R-410A | 14 lb | 1,300 lb | 50 A | 41 A | 208/3/60 | HES | GC | CARRIER | 48FCFM09 | FURNISHED WITH HINGED ACCESS PANELS, CRECOMZR107A00 ECONOMIZER W/ DUAL ENTHALPY CONTROLS, BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, MERV-8 FILTERS, CURB, HAIL GUARD, DISCONNECT, & UNIT-MOUNTED NON-POWERED CONVENIENCE RECEPTACLE |

## AIR BALANCE SCHEDULE

| TAG | SUPPLY FLOW | RETURN FLOW | EXHAUST FLOW | SUBTOTAL |
|---|---|---|---|---|
| EF-1 | 0 CFM | 0 CFM | 1,870 CFM | -1,870 CFM |
| EF-2 | 0 CFM | 0 CFM | 150 CFM | -150 CFM |
| RTU-1 | 3,500 CFM | 2,560 CFM | 0 CFM | 940 CFM |
| RTU-2 | 3,200 CFM | 2,020 CFM | 0 CFM | 1,180 CFM |
| NET PRESSURIZATION | | | | 100 CFM |

## CONTROL FUNCTIONS

A. THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
B. THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENTLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN THE HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.
C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.


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FOR CONSTRUCTION

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