

VARIABLE AIR VOLUME BOX SCHEDULE (VAV)

Table with columns: PLAN DESIGNATION, MANUFACTURER MODEL NO., ASSOCIATED EQUIPMENT, INLET SIZE (IN.), LOCATION, MAXIMUM AIR FLOW (CFM), MINIMUM AIR FLOW (CFM), REHEAT AIRFLOW (CFM), AIR PRESSURE DROP (IN. W.C.), COIL DATA (CAPACITY (KW), EAT (°F), LWT (°F), VOLTS / PHASE, AMPS), MAXIMUM NC, NOTES. Rows include VAV 1-1 through VAV 3-3.

- 1. PROVIDE INSULATED ACCESS DOOR IN VAV BOX FOR VIEWING DAMPER AND COIL.
2. COORDINATE VAV SUPPLY AIR DUCT TRANSITION WITH VAV NECK CONNECTION SIZE.
3. INLET STATIC PRESSURE SHALL BE .75 (I.N. W.G.).
4. PROVIDE SCR CONTROLLER FOR REHEATS.
5. PROVIDE HI-LIMIT DISCHARGE STAT.
6. PROVIDE ELECTRICAL DISCONNECT SWITCH.
7. PROVIDE SPACE TEMPERATURE SENSOR.
8. PROVIDE FACTORY VAV CONTROLLER.

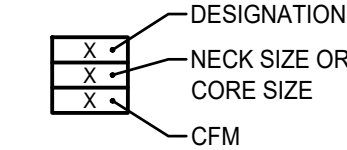
REGISTER, GRILLE, AND DIFFUSER SCHEDULE

Table with columns: PLAN DESIGNATION, MANUFACTURER MODEL NO., TYPE, NECK SIZE, MAX. N.C. LEVEL, FACE SIZE (IN.), MATERIAL, NOTES. Rows include SD-1, RG-1, EG-1, TG-1.

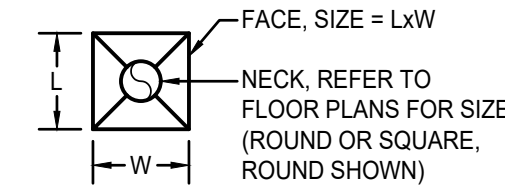
GENERAL NOTES:

- 1. A REGISTER IS DEFINED AS A GRILLE WITH A FACE DAMPER.
2. FACE SIZE IS DEFINED AS THE MAXIMUM OUTSIDE DIMENSIONS OF THE AIR INLET/OUTLET. REFER TO DIAGRAMS CONTAINED WITHIN FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING AIR INLETS AND OUTLETS. PROVIDE ALL REQUIRED BRACKETS, FLANGES, SURFACE PLATES, AND FRAMES TO MOUNT THE DEVICE. REFER TO ARCHITECTURAL CEILING PLANS FOR CEILING TYPES.
4. SUBMIT A SEPARATELY FROM TECHNICAL DATA A COLOR CHART FOR COLOR AND FINISH SELECTION.

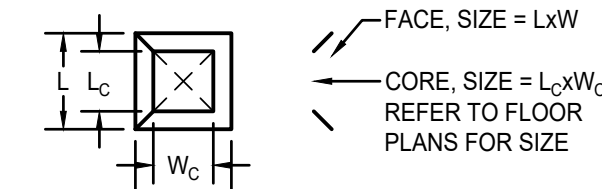
DEVICE TAG



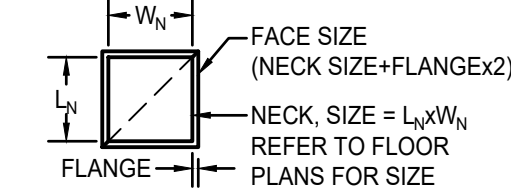
CEILING DIFFUSER



CEILING DIFFUSER w/ CORE



REGISTER / GRILLE



AIR CONDITIONING UNIT SCHEDULE (RTU)

Table with columns: PLAN DESIGNATION, MANUFACTURER MODEL NO., ASSOCIATED EQUIPMENT, MAXIMUM UNIT WEIGHT (LBS), AIR FLOW (CFM), MIN O.A. CFM (OCCUPIED), TOTAL S.P. (IN. W.C.), EXTERNAL S.P. (IN. W.C.), EER, IEER, D/X COOLING SECTION (TOTAL CAP., SENSIBLE CAP., EAT, LAT), HEATING (HEAT PUMP) (23 F AMBIENT) (TOTAL CAP., EAT, LAT), OPERATING FAN HP, FAN HP, NO. OF COMPRESSORS, NO. OF CIRCUITS, REFRIGERANT TYPE, REFRIGERANT CHARGE TOTAL (LB), TOTAL UNIT ELECTRIC DATA (MCA, MOP, SCCR, VOLTS/P HASE), NOTES. Rows include RTU-1, RTU-2, RTU-3.

NOTES:

- 1. PROVIDE SINGLE VARIABLE FREQUENCY DRIVE FOR SUPPLY WITH INTEGRAL HAND-OFF-AUTO SELECTION SWITCH AND LOCKABLE DISCONNECT.
2. PROVIDE 2" MERV-13 FILTERS.
3. PROVIDE HINGED ACCESS DOOR AND REMOVABLE FILTERS.
4. FAN STATIC PRESSURES TO BE BASED ON FILTERS IN REPLACEMENT CONDITION (2" WC ALLOWANCE).
5. PROVIDE NON-FUSED, UNIT MOUNTED DISCONNECT BY MANUFACTURER.
6. PROVIDE POWER EXHAUST POWERED BY UNIT SINGLE POINT POWER CONNECTION.
7. PROVIDE HINGED ACCESS DOORS.
8. UNIT TO BE FACTORY FABRICATED AS ONE UNIT BY MANUFACTURER.
9. PROVIDE DOOR KILL SWITCHES ASSOCIATED WITH THE FAN SECTION ACCESS DOOR.
10. PROVIDE THYRISTOR WIND RATED CURB ADAPTOR IN COMPLIANCE WITH THE 2024 GEORGIA BUILDING CODE AND ASCE 7.
11. PROVIDE ECONOMIZER WITH ENTHALPY CONTROL.
12. PROVIDE FACTORY MULTI ZONE VAV CONTROL.
13. PROVIDE POWERED 15A CONVENIENCE OUTLET FROM SINGLE POINT POWER CONNECTION.
14. PROVIDE CLOGGED FILTER SWITCH AND CONDENSATE OVERFLOW SWITCH.
15. PROVIDE CONDENSER HAIL GUARDS.
16. UNIT SHALL BE PROVIDED WITH A VARIABLE SPEED COMPRESSOR MATCHED WITH VFD.
17. PROVIDE REMOTE CONTROL PANEL PER UNIT.

EXHAUST FAN SCHEDULE (EF)

Table with columns: PLAN DESIGNATION, MANUFACTURER MODEL NO., LOCATION, CONSTRUCTION TYPE, DISCHARGE CONFIGURATION, AIR FLOW RATE (CFM), EXTERNAL S.P. (IN. W.C.), FAN SPEED (RPM), INLET SONES, DRIVE TYPE, ELECTRICAL DATA (MOTOR BHP, MOTOR HP, VOLTS/PHASE), NOTES. Row includes EF-1.

NOTES:

- 1. PROVIDE 24" ROOF CURB.
2. PROVIDE ECM WITH 0-10 VDC INPUT SIGNAL AND BALANCING KNOB.
3. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
4. PROVIDE MOTORIZED BACK DRAFT DAMPER WITH 24V ACTUATOR.
5. PROVIDE INSULATED MOTORIZED DAMPER.
6. PROVIDE COMBINATION MOTOR STARTER.
7. PROVIDE FAN MOUNTED SPEED CONTROLLER FROM MANUFACTURER.
CONSTRUCTION TYPE: GPF - GENERAL PURPOSE FAN, SRC - SPARK RESISTANT CONSTRUCTION.
DISCHARGE CONFIGURATION: CW - CLOCKWISE, UB - UP BLAST, DB - DOWN BLAST.

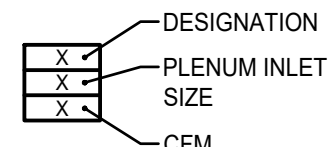
LINEAR DIFFUSER SCHEDULE

Table with columns: PLAN DESIGNATION, MANUFACTURER MODEL NO., TYPE, MAX. N.C. LEVEL, # OF SLOTS, SLOT WIDTH (IN.), WITH PLENUM, PLENUM INLET SIZE (IN.), OVERALL LENGTH (IN.), THROW PATTERN, MATERIAL, NOTES. Rows include LD-1 through LD-5.

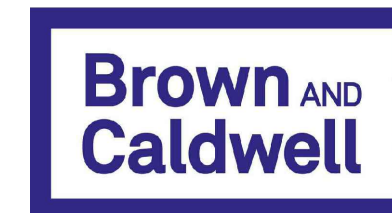
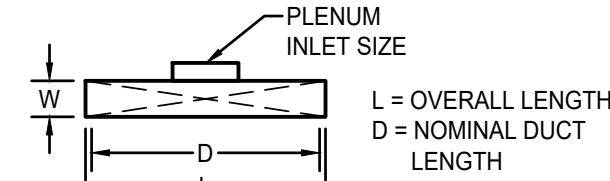
GENERAL NOTES:

- 1. DIFFUSER SHALL BE SET SUCH THAT SLOT FACING EXTERIOR WALL/WINDOW HAS VERTICAL AIRFLOW, AND SLOT FACING THE INTERIOR OF THE BUILDING HAS HORIZONTAL AIRFLOW.
2. CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING AIR INLETS AND OUTLETS. PROVIDE ALL REQUIRED BRACKETS, FLANGES, SURFACE PLATES, AND FRAMES TO MOUNT THE DEVICE. REFER TO ARCHITECTURAL CEILING PLANS FOR CEILING TYPES.
3. SUBMIT A SEPARATELY FROM TECHNICAL DATA A COLOR CHART FOR COLOR AND FINISH SELECTION.

DEVICE TAG



LINEAR DIFFUSER



BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328



THIS DRAWING IS NOT VALID FOR CONSTRUCTION PURPOSES UNLESS IT BEARS THE SEAL AND SIGNATURE OF A DULY REGISTERED PROFESSIONAL

CONSTRUCTION DOCUMENTS



NCWSA OFFICE ADDITION

REVISIONS

Table with columns: REV, DATE, DESCRIPTION. Includes a line size note: LINE IS 2 INCHES AT FULL SIZE.

DESIGNED: CJP
DRAWN: CJP
CHECKED: NBN
APPROVED: RFJ

FILENAME
BC PROJECT NUMBER
CLIENT PROJECT NUMBER

MECHANICAL SCHEDULES

DRAWING NUMBER
M301