

DIVISION 23 - MECHANICAL SPECIFICATIONS

230500 COMMON WORK RESULTS FOR HVAC

- A. PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL HEATING, VENTILATING AND AIR CONDITIONING SYSTEM... B. WITHOUT RESTRICTING THE GENERALITY OF THE FIRST STATEMENT... C. ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED... D. ALL FINISH PAINTING SHALL BE PERFORMED BY GENERAL CONTRACTOR... E. ALL WORK SHALL CONFORM TO CODES, RULES, AND REGULATIONS...

- BALANCE COUNCIL (AABC), OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB). BALANCER SHALL BE TOTALLY INDEPENDENT... 1. KITCHEN HOODS ARE UL LISTED AND SHALL BE BALANCED FROM 100% TO 105% OF DESIGN AIRFLOW... 2. TOTAL OF ALL AIR DISTRIBUTION DEVICES ON SAME ROOFTOP UNIT DUCT SYSTEM SHALL BE BALANCED TO 100% TO 105% OF DESIGN... 3. ROOFTOP UNITS SHALL PROVIDE OUTDOOR AIR CFM BETWEEN 100% TO 105% OF DESIGN FOR ALL FAN SPEEDS... 4. ECONOMIZERS SHALL PROVIDE REQUIRED OUTDOOR AIR WHEN CLOSED FOR BUSINESS (MINIMUM ONLY)...

- 5. ADDITIONAL RESPONSIBILITIES INCLUDE: PROVIDE REQUIRED SHOP DRAWINGS AND EQUIPMENT DATA INCLUDING ANY APPROVALS OF DESIGN MODIFICATIONS... 6. DURING TAB PERIOD, OPERATE ALL HVAC EQUIPMENT AS NECESSARY TO PERMIT SYSTEMS TO BE TESTED AND BALANCED AS FULLY OPERATING FUNCTIONAL SYSTEMS... 7. REPLACE BELTS AND DRIVES AS REQUIRED FOR PROPER BALANCING - DRIVES SHALL BE ADJUSTED AND ALIGNED BY CONTRACTOR TO PREVENT ABNORMAL BELT WEAR AND VIBRATION... 230700 HVAC INSULATION... 230800 COMMISSIONING OF HVAC... 231333 METAL DUCTS... 233700 AIR DISTRIBUTION DEVICES...

- HOLLOW-FORMED DOUBLE THICKNESS VANES. PROVIDE SUPPLY, RETURN, AND EXHAUST REGISTERS, GRILLES AND DIFFUSERS AS INDICATED ON DRAWINGS AND/OR SCHEDULES... PROVIDE FLEXIBLE SUPPLY AIR DUCTWORK WITH 1" THICK FIBERGLASS BLANKET INSULATION WITH METALIZED FILM VAPOR BARRIER OUTER JACKET IN LENGTHS THAT DO NOT EXCEED FIVE FEET... THIS CONTRACTOR SHALL PROVIDE RECTANGULAR AND ROUND GALVANIZED STEEL MANUAL AND/OR MOTORIZED VOLUME CONTROL DAMPERS THAT SHALL BE: 1. NO MORE THAN 6" IN ONE DIMENSION... 233700 AIR DISTRIBUTION DEVICES... ALL DIFFUSERS, REGISTERS AND GRILLES SHALL BE PROVIDED BY CONTRACTOR... COORDINATE AIR DISTRIBUTION DEVICE LOCATIONS WITH ALL AFFECTED CONTRACTORS BEFORE INSTALLING DUCTWORK... SECURELY FASTEN SIDE WALL AIR DEVICES TO RIGID DUCTWORK OR STRUCTURE...

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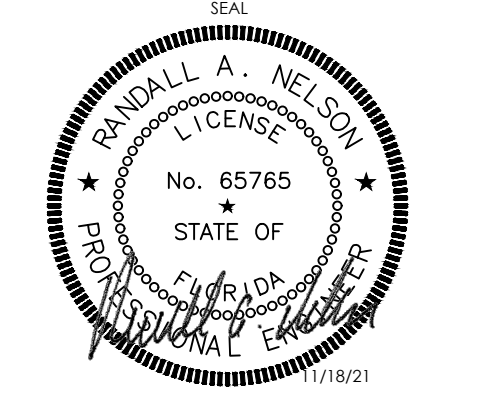


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