

AC-1MITSUBISHI 1.5-TON, 1 HEAD AIR COOLED SPLIT A/C UNIT SCHEDULE SEER 18.0 OPERATING WEIGHT LBS

EXTERNAL STATIC PRES. IN OF H20 FAN MOTOR HP/F.L.A. ELECTRICAL SERVICE 1-60/110/120 SMOKE DETECTORS IN SUPPLY DUCT NA GRAND TOTAL CAPACITY BTU/HR 18,000 DRAIN FROM A.H.U. 12,600 TOTAL SENSIBLE CAPACITY BTU/HR AT UPPER FLOOR ENTERING AIR TEMP 80/60 EXTERIOR WALL --CONDENSATE DRAIN FINISHED FLOOR ELECTRICAL HEAT CAPACITY HEAT PUMP TOTAL BTU 19,000 8.0 HSPE EXTERIOR GRADE

500

3/4" / 1/8"

AMBIENT AIR TEMP 95 DEGREES NUMBER OF COMPRESSORS MAX AMPS 20/20 8.1

DEIGN MANUFACTURED

MODEL NUMBER TOTAL AIR CFM

VEN AIR CFM

COMPRESSOR F.L.A. (EA.) ELECTRICAL SERVICE AVAILABLE 1-60-208-230 OPERATING WEIGHT 140 LBS DESIGN MANUFACTURER MODEL NO. MXZ-2B20NA SEER

REF. PIPING SIZE SUC/LIQ. IN

NOTES: CONDENSATE DRAIN SHALL BE 3/4"ø (PVC SCHEDULE 40) SLOPED TO A POINT OUTSIDE OF STRUCTURE ONTO PERMEABLE SURFACE OR TO/THRU RAIN GUTTER

OR SILICONE SEALANT

INSULATED WITH 20mm ARMAFLEX AND PROTECTIVE ALUMINUM JACKETING SEAL WATERTIGHT AT PENETRATIONS THRU ROOF -TYPICAL REFRIGERANT LINES TO BE INSULATED WITH 20mm ARMAFLEX TYP. WALL MTD. EVAP./FAN COH ---- APPROVED SEALANT (FC-1 & 2); INSTALLATION HGT. TO MANUFÁCT. GUIDELINES. COORD. ON-SITE. UNIT MAY NOT BE EXACTLY AS ILLUSTRATED; REFER TO MANUFACTURER'S LITERATURE. PIPING TO ROUTE INTO WALL CAVITY; INSTALL ESCUTCHEONS ON SEAL CIRCUMFERENCE OF PIPE AT FIN. SIDE OF WALL; COORD STRUCTURE PENETRATION W/ EPOXY 19mm ø CONDENSATE DRAIN ON-SITE. TYPICAL. & CONDENSATE PUMP; SEE PLUMBING DRAWINGS FOR CONTINUATION & NOTE #3.

REFRIGERANT LINES TO BE

CONDENSING UNIT -SEAL ENTRANCE OF REFRIGERATION (SEE MANUF. SPECS) LINES INTO CONDUIT W/ IMPERMEABLE, RESILIENT MATERIAL AT APPLICABLE MIN. 4" THICK CONC. BASE WITH LOCATIONS (1) #4 CONT. REBAR @ 6x6 DROP ÈDGË AT SLAB PERIMETER ON —— LIQUID LINE WITH 1/2" ARMAFLEX (OR EQUAL) INSULATION WELL COMP. ORGANIC FREE SOIL (SEE FLOOR PLAN FOR DIMS) — POWER & CONTROL CONNECTIONS TOP OF SLAB TO GRADE SUCTION LINE WITH 1/2" ARMAFLEX CONDENSING UNIT SHALL BE ANCHORED — (OR EQUAL) INSULATÍON & VAPOR PER MANUFACTURER'S SPECIFICATIONS BARRIER TO RESIST WIND PRESSURES PERSUANT TO FMC 301.12

CONDENSER MOUNTING DETAIL

SCALE: NTS

THESE DETAILS ARE SCHEMATIC ONLY. EXACT CONFIGURATION AND ROUTING OF ALL REFRIGERANT AND CONDENSATE PIPING TO BE DETERMINED ON-SITE 1.) AND COORDINATED W WORK OF OTHER TRADES. INSTALL TO MANUFACTURER'S GUIDELINES.

2.) INSTALL ALL COMPONENTS TO MANUFACTURER'S RECOMMENDATIONS AND GUIDELINES; COORDINATE w WORK OF OTHER TRADES.

INDIRECTLY CONNECT CONDENSATE DRAIN FROM CONDENSATE PUMP TO NEW FUNNEL TRAP ABOVE FIN. CEILING; REFER TO PLAN LAYOUT FOR ADDITIONAL INFORMATION. COORD. ON-SITE. CONDENSATE PUMP TO BE ENCLOSED WITHIN WALL CAVITY OR IN DEDICATED WALL MTD. ENCLOSURE AS REQ'D. TO BE c/w ACCESS DOOR. COORD. w ARCH. DIVISION. WIRE 4.) CONDENSATE PUMP TO EVAPORATOR COIL UNIT PER. MANUF. INSTRUCTIONS.

CAREFULLY COORDINATE THE INSTALLATION OF CONDENSER UNIT ON ROOF WITH ARCHITECTURAL AND STRUCTURAL DIVISIONS. INTEGRITY OF ROOFING MEMBRANE TO BE MAINTAINED WATERTIGHT.

CODE ■ FLORIDA BLDG

■ FLORIDA EXIST. BLDG CODE 2014 ■ FLORIDA FIRE PREV CODE 2012

5TH EDITION

■ NEC 2011

Revisions:

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CHECKED 4-26-16 AS NOTED FOR PERMIT