

AIR CONDITIONER

PERFORMANCE

COOLING CAPACITY: 36,400 BTU/HR @ 110°F AMBIENT (NOTE 3 & 5)
 RETURN AIR CONDITIONS: 72±11°F db/50% RH MAX
 FREQUENCY: 60 HZ
 ALTITUDE: SEA LEVEL (SEE NOTE 1)
 SENSIBLE HEAT RATIO: 1.0
 CONDITIONED AIR SUPPLY: 1,400 CFM @ .50" ESPWG

HEATING CAPACITY: 2.0 KW (6826 BTU/HR) TRANSIT
 6.0 KW (20,470 BTU/HR) MAX.
 DEHUMIDIFYING CAPACITY: 50% RH MAX
 FRESH AIR: 40 CFM, ADJUSTABLE
 MAXIMUM OPERATING AMBIENT: 110°F
 MINIMUM OPERATING AMBIENT (COOLING): -25°F
 MINIMUM OPERATING AMBIENT (HEATING): -25°F

MECHANICAL

REFRIGERATION STAGES: TWO
 COMPRESSOR: HERMETIC, SCROLL
 EVAPORATOR COIL: COPPER TUBES, ALUMINUM FINS
 CONDENSER COIL: COPPER TUBES, ALUMINUM FINS
 EXPANSION VALVE: THERMOSTATIC
 REFRIGERANT: R-22

CIRCULATING FAN: FC CENTRIFUGAL
 CONDENSER FAN: PROPELLER
 AIR FILTER: ALUMINUM, PERMANENT CLEANABLE
 FRAME AND PANELS: ALUMINUM
 FINISH: MIL-C-46168, No 383 O.D. GREEN
 WEIGHT: 450 LBS. (APPROXIMATE)

ELECTRICAL

POWER: 120/208 VOLT, 3 PH, 50/60 Hz
 MAXIMUM POWER DRAW: 8.0 KW APPROX. @ 0.88 PF
 COMPRESSOR H.P.: 4.0 NOMINAL
 CIRCULATING FAN MOTOR: 3 PH. INDUCTION BALL BEARING, 2 SPEED
 CONDENSER FAN MOTOR: 3 PH. INDUCTION BALL BEARING, 2 SPEED
 MOTOR PROTECTION: CURRENT AND OR THERMAL

HEATING STAGES: TWO
 HEATING CONTROLS: THERMOSTAT
 COOLING CONTROLS: THERMOSTAT
 MODE SELECTOR SWITCH: TRANSIT-HEAT-FAN-OFF-COOL
 COOLING SAFETY SWITCHES: HIGH AND LOW PRESSURE
 HEATING SAFETY SWITCHES: HIGH TEMP. CUTOFF SWITCH

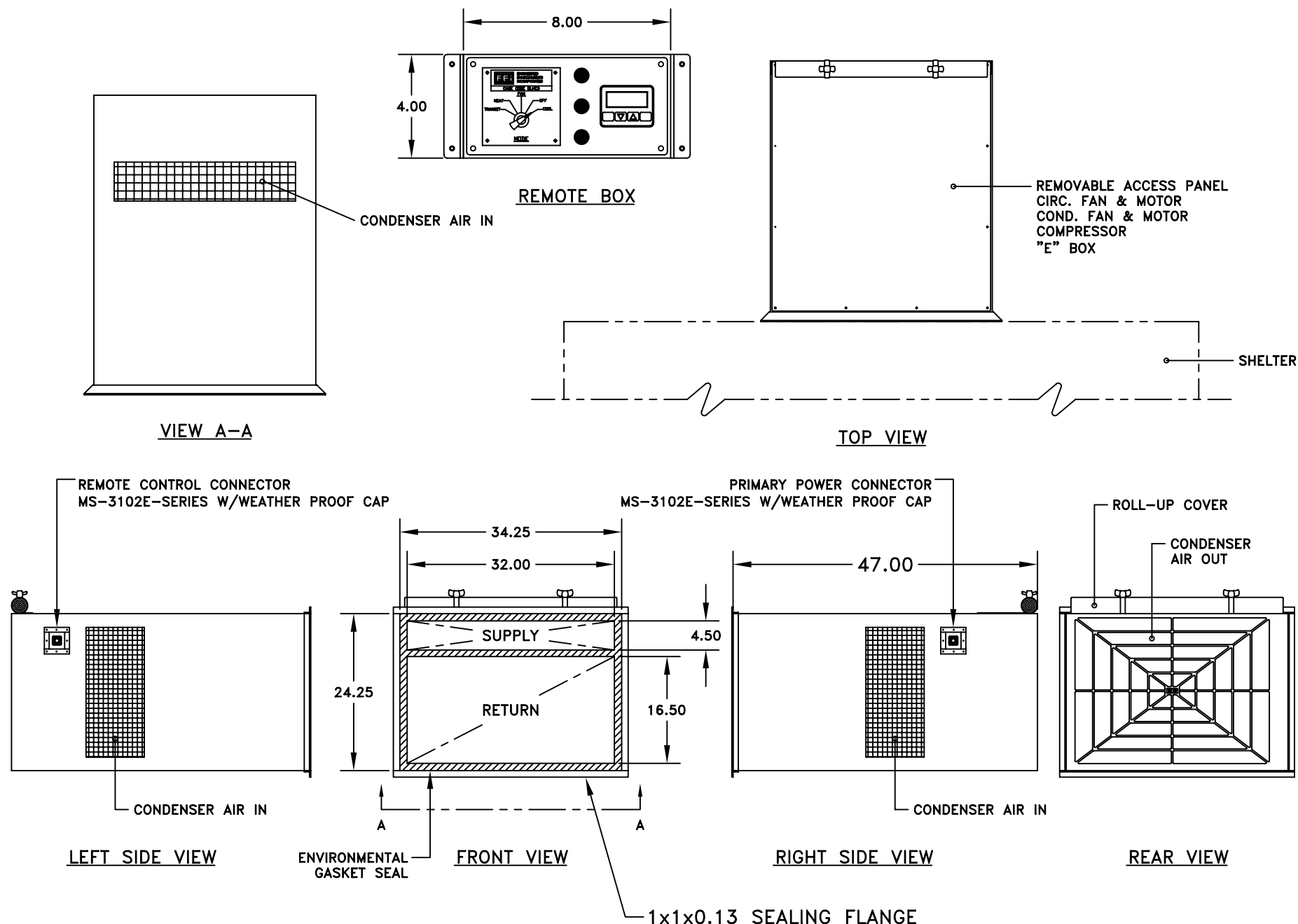
FEATURES (X)

HOT GAS BYPASS SYS. (X)	REMOTE CONTROLS (X)	STAGGERED START (X)	MAIN POWER DISCONNECT ()
DEHUMIDIFYING (X)	RFI SUPPRESSION ()	SOFT START ()	MOTORIZED FRESH AIR DAMPER ()
HUMIDIFYING ()	SERVICE SWITCHES ()	EXPLOSION PROOFING ()	TOOL KIT ()

NOTES:

OTHER SPECIFICATIONS

- 1) RATED TO 10,000 FT. ALTITUDE WITH 3.5°F REDUCTION PER 1,000 FT. ALTITUDE PER MIL-E-4158D, PARA 3.2.32.1.
- 2) QUALITY ASSURANCE PER MIL-I-45208A.
- 3) CAPACITY AT 50Hz/+110°F IS 30,300 BTU/HR.
- 4) RETURN AIR FILTER PROVIDED FOR CUSTOMER INSTALLATION.
- 5) COOLING CAPACITY FOR TRANSIT POSITION IS 5000 BTU/HR MINIMUM, AND 17,500 BTU/HR MAX. MAXIMUM STEADY STATE POWER DRAW DURING TRANSIT OPERATION IS 4.75 KW.



REV. A 1-25-01

C.A.G.E. CODE

OLHE3

DRAWN BY
FHF

CHECKED BY
MEH

DATE
01-12-01

01-12-01

UNIT MODEL NO.

ECU 36()

DRAWING NO.

P1192