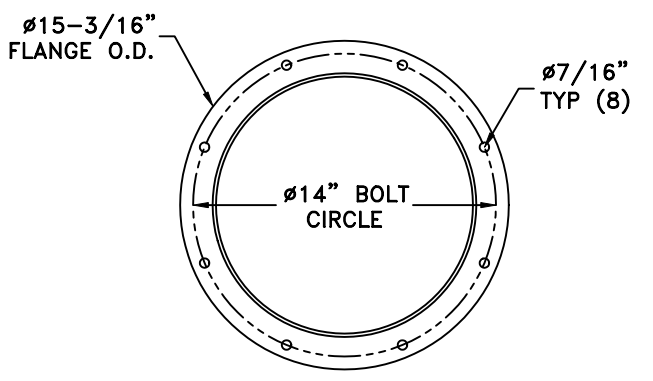
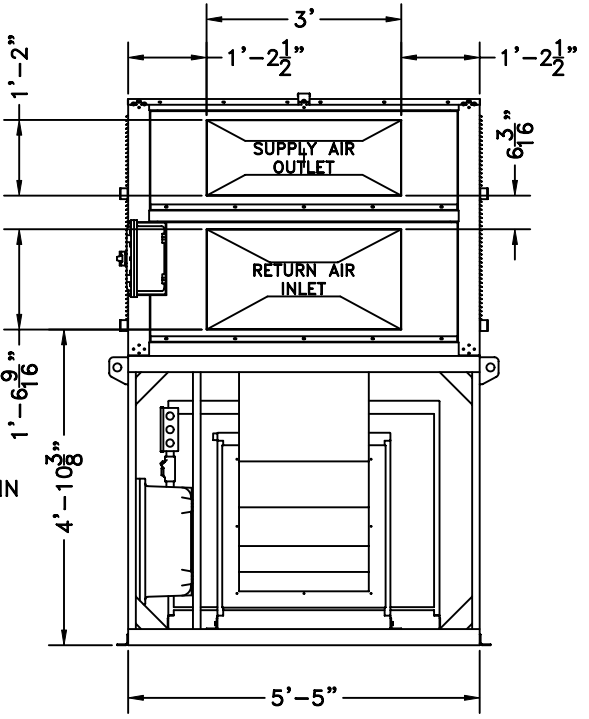
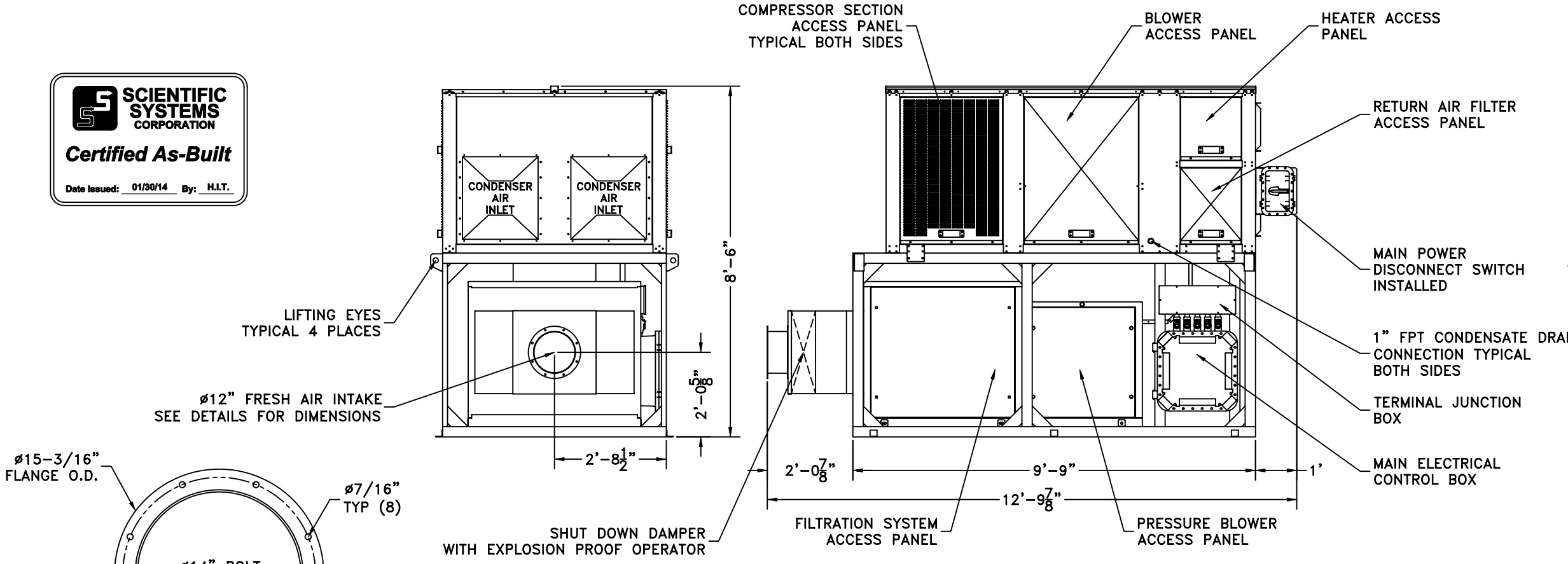
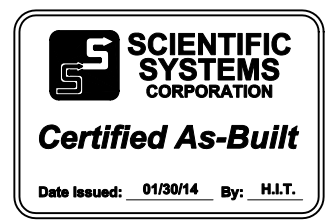
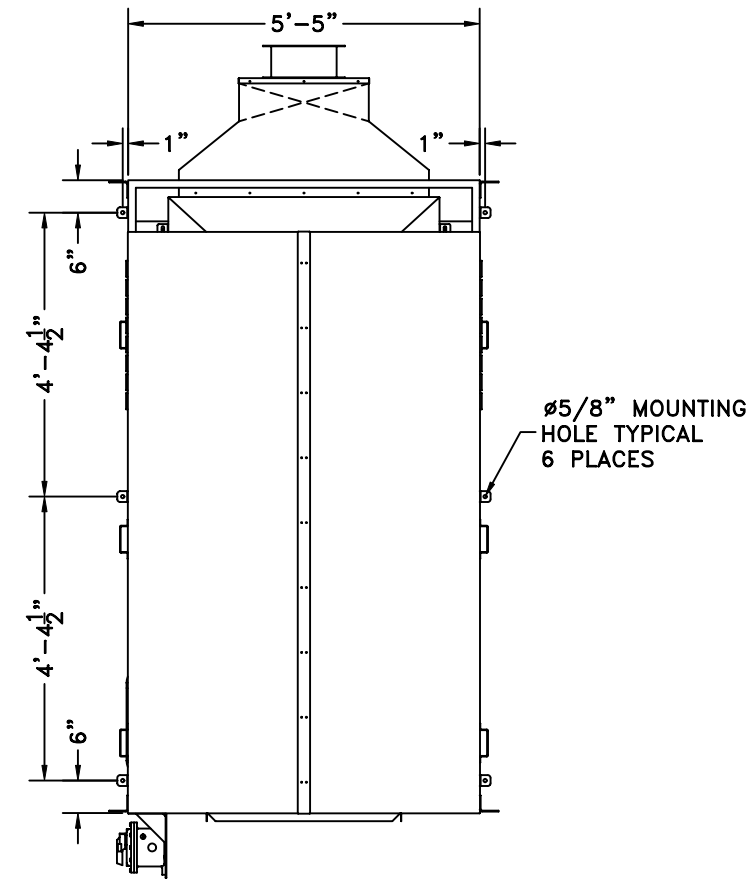


1. MODEL NO: PBX 20-2600-VS-12-H-R12(6)-065-A-C-ICD2/EH(10Kw)/EC/CuCu/SDD/DSI
2. NEC EXPLOSION PROOF CLASSIFICATION - CLASS I GROUP C & D DIVISION 2
3. MAIN POWER REQUIREMENTS: 208-230V/3 ϕ /60Hz
 - a. MINIMUM CIRCUIT AMPACITY: 73.7 AMPS
 - b. MAXIMUM FUSE/CIRCUIT BREAKER SIZE: 80 AMPS
4. AIR CONDITIONER SPECIFICATIONS:
 - a. EVAPORATOR FAN - 2,000 CFM @ 1.25" ESP
 1. MOTOR: 2.0 HP, 5.8 F.L.A., TEFC, 1.15 SF
 - b. OUTDOOR FAN - QTY: 2; 2,900 CFM @ 0.8" TSP EACH
 1. MOTORS EA.: 1.0 HP, 3.1 F.L.A., TEFC, 1.15 SF
 2. FANS EA.: 20" DIA., 8-BLADE PROPELLER ANTI STATIC WITH GLASS REINFORCED NYLON BLADES
 - c. COMPRESSOR - QTY: 2 EA., TYPE: COPELAND HERMETIC SCROLL
 1. R.L.A. EA.: 10.5 AMPS
 2. L.R.A. EA.: 93.0 AMPS
 - d. HEATER NON CLASSIFIED - QTY - 1 EA., TYPE: WIRE INTERLOCKED WITH PRESSURE BLOWER
 1. 10.0 KW @ 230 VAC
 2. 25.3 F.L.A.
5. PRESSURE BLOWER SPECIFICATIONS:
 - a. PRESSURE BLOWER - 2,600 CFM @ 1.25" ESP
 1. MOTOR : 5 HP, 11.8 F.L.A., TEFC, 1.15 SF
 2. VARIABLE SPEED, BELT DRIVEN BLOWER
6. DUAL REFRIGERATION CIRCUIT. REFRIGERANT - R407C
 - a. TOTAL COOLING CAPACITY: 66,000 BTU/HR, 33,000 BTU/HR EACH CIRCUIT
7. CONDENSER & EVAPORATOR COILS: COPPER TUBES W/COPPER FINNS, SAVECOIL31 COATED
8. MATERIALS OF CONSTRUCTION:
 - a. ALL HOUSINGS STRUCTURAL FABRICATED FROM 11 GA. HOT ROLLED PICKLED IN OIL SHEET METAL
 - b. ALL HOUSINGS COVER PANELS FABRICATED FROM 16 GA. GALVANEALD STEEL SHEET METAL
 - c. ALL FABRICATED SHEET METAL COMPONENTS TO BE CHEMICALLY CLEANED, COATED WITH TWO PART EPOXY PRIMER AND COATED WITH TWO PART EPOXY TOP COAT PRIOR TO ASSEMBLY
 - d. BASE SUPPORT FRAME FABRICATED FROM STRUCTURAL STEEL CHANNEL AND HOT DIPPED GALVANIZED AFTER FABRICATION
 - e. ALL HARDWARE TO BE STAINLESS STEEL
 - f. ALL SHEET METAL SCREWS TO BE ULTRA TECH STAINLESS STEEL

9. FRESH AIR FILTRATION SYSTEM:
 - a. PREFILTER : 2 ea. 24 x 24 x 4, 2 ea. 12 x 24 x 4 30-35% AVERAGE EFFICIENCY DISPOSABLE FILTER
 - b. CHEMICAL FILTRATION MEDIA
 - 6 EA. PK-12 MODULES - 12 x 24 x 12 WITH 40 Lbs. CP BLEND MEDIA EACH, 240 Lbs TOTAL CP BLEND MEDIA - 50:50 VOLUME BLEND OF CHEMISORBANT AND PURAKOL MEDIA
 - c. PRE-FINAL FILTER : 2 ea. 24 x 24 x 2, 2 ea. 12 x 24 x 2 30-35% AVERAGE EFFICIENCY DISPOSABLE
 - d. FINAL FILTER : 2 ea. 24 x 24 x 4, 2 ea. 12 x 24 x 4 90% AVERAGE EFFICIENCY DISPOSABLE
10. RETURN AIR FILTERS:
 - a. 4 ea. 16 x 20 x 4 30-35% AVERAGE EFFICIENCY DISPOSABLE
11. FEATURES INCLUDE:
 - a. SUCTION & LIQUID LINE FILTERS
 - b. LIQUID LINE SIGHT GLASS
 - c. HIGH AND LOW PRESSURE SAFETY SWITCHES
 - d. COMPRESSOR ANTI-SHORT CYCLE TIMER
 - e. MOTORS HAVE EXTERNAL OVERLOAD PROTECTION
 - f. COMPRESSOR MOUNTED ON VIBRATION ISOLATORS
 - g. UNIT EVAPORATOR SECTION IS FULLY INSULATED
 - h. ALL PANELS ARE GASKETED
 - i. PLC CONTROLLER
 - j. COMBUSTIBLE GAS DETECTOR SENSOR AND H2S GAS DETECTOR SENSOR INSTALLED BETWEEN SHUT DOWN DAMPER AND FILTRATION MEDIA
12. UNITS TO BE ASSEMBLED ONE AS SHOWN AND ONE OPPOSITE, ALL SERVICE ACCESS WILL BE BETWEEN THE TWO UNITS WHEN INSTALLED
12. APPROXIMATE UNIT WEIGHT: 3,800 LBS.
13. DIMENSIONS SHOWN IN FEET AND INCHES



DEMAR
DEMAR INSTALADORA Y CONSTRUCTORA S.A. DE C.V.

PEMEX
EXPLORACION Y PRODUCCION

PLATAFORMA DE TURBOCOMPRESOR PTB-ABK-N1			
UNIT TAG NO. X			
<small>X = ± 0.1" .XX = ± 0.05" .XXX = ± 0.01" FRACTIONS = ± 1/8" ANGLES = ± 1.0°</small>			
MATRL	DRWN	H.I.T.	
FINISH	CHKD		
ACAD#	43170111	APVD	

7924 Reco Avenue, Baton Rouge, Louisiana 70814 U.S.A.

PBX 20 SERIES A/C & PRESSURIZATION ENGINEERING DATA SHEET

DATE 09/13

JOB# 8105

REV

SCALE

SHT OF