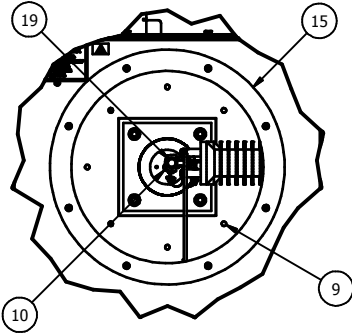
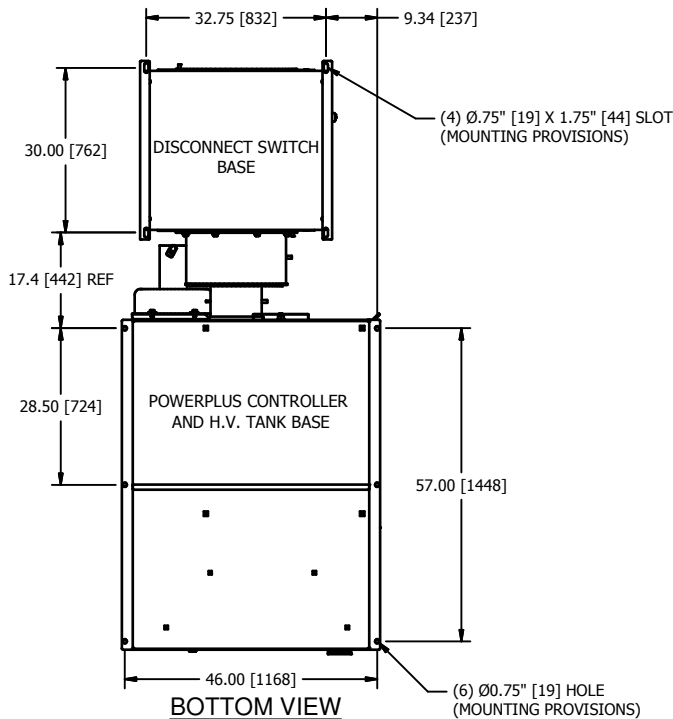
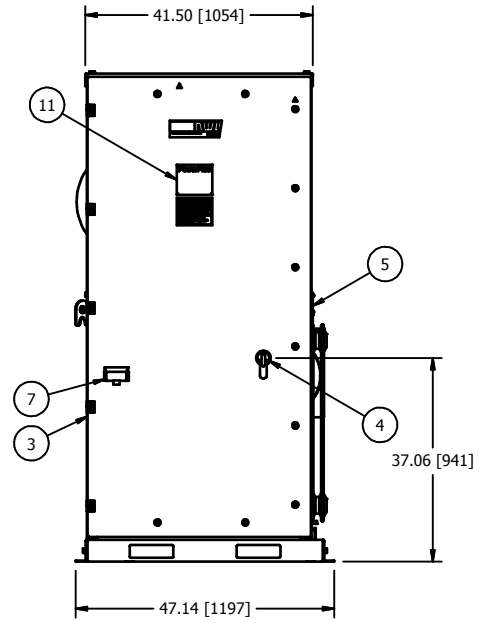
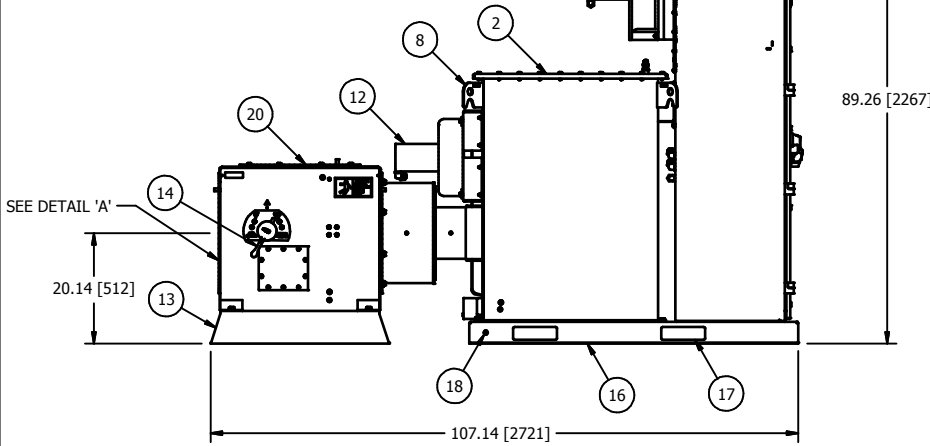




HF ESP, POWERPLUS SERIES
128-200kW UNITS W/ DISCONNECT SWITCH



DETAIL A



- 1 POWERPLUS CONTROLLER UNIT
- 2 POWERPLUS H.V. TANK
- 3 ACCESS DOOR TO FUSE/CONTACTOR, 3 PHASE RECTIFIER ASSEMBLY AND CONTROL SECTION. ALLOW 46" [1169] OF CLEARANCE FROM THIS FACE FOR DOOR SWING.
- 4 INPUT CIRCUIT BREAKER SWITCH HANDLE W/ INTERLOCK PROVISION INSIDE. SEE DWG C140616.
- 5 GLAND PLATE FOR 3 PHASE POWER AND GROUND.
- 6 COOLING FAN FOR IBBT HEATSINK ASSEMBLY (PLACES).
- 7 EZ SCOPE PORT WITH RJ45 SOCKET FOR KEYPAD DISPLAY CONNECTION AND BNC CONNECTORS FOR MAKING EXTERNAL KV AND mA MEASUREMENTS.
- 8 LIFTING HOOKS (4) PLACES
- 9 SWITCH/DUCT MOUNTING PROVISION. INCLUDES GASKETS AND 3/8-16 HARDWARE, (8) PLACES ON A 15" [508] DIA WITH 9.50" [241] DIA. DUCT OPENING.
- 10 1/2"NPTF OUTPUT CONNECTION.
- 11 RATINGS NAMEPLATE, ALUMINUM PHOTO ETCHED.
- 12 RADIATOR COOLING FAN.
- 13 DISCONNECT GROUND SWITCH (SHIPS SEPARATELY).
- 14 H.V. SWITCH MECHANISM WITH VIEWING WINDOW AND INTERLOCK PROVISIONS. FOR INTERLOCK AND BOLT EXTENSION INFORMATION SEE DWG A105812.
- 15 SIDE EXIT 18" DUCT MOUNTING PROVISION. INCLUDES GASKETS AND 3/8-16 HARDWARE (8) PLACES ON A 20" [508] DIA B.C. WITH 18" [457] DIA DUCT OPENING.
- 16 POWERPLUS BASE
- 17 FORKING PROVISIONS (4) PLACES
- 18 EQUIPMENT SAFETY GROUND TERMINATION, 3/8-16 GROUND BOSS.
- 19 OPTIONAL METRIC ADAPTER FOR H.V. BUSHING CONNECTION. CONVERTS 1/2" NPT TO M20-1.5. SEE DWG A117570.
- 20 SIDE EXIT 22" ACCESS COVER. INCLUDES GASKETS AND 3/8-16 HARDWARE, (8) PLACES ON 20" [508] DIA WITH 18" [457] DIA DUCT OPENING.

NOTES:
 1. POWERPLUS MUST BE MOUNTED ON LEVEL SURFACE OR SHIMMED TO WITHIN 1/8" [3.2] RISE PER 12" [305] RUN.
 2. COLD ROOF MAY NEED TO BE REINFORCED TO ACCEPT THE WEIGHT OF THE POWERPLUS UNIT.
 3. MAXIMUM ALLOWABLE DUCT INTERNAL TEMPERATURE: 122°F (50°C). MAXIMUM ALLOWABLE DUCT INTERNAL PRESSURE: 1 PSI (2.04" Hg). THE INSTALLER MUST USE AN ENTRANCE BUSHING IN ROOF TO MEET THESE SPECIFICATIONS.
 4. POWERPLUS MUST BE GROUNDED TO THE COLD ROOF BY THE END USER. REFER TO DWG B126972 FOR GROUNDING DETAILS.
 5. ALLOW 100" [2540] MINIMUM CLEARANCE ABOVE THE FLOOR TO LIFT AND REMOVE THE T/R RIG ASSEMBLY FROM THE OIL TANK. CLEARANCE DOES NOT INCLUDE RIGGING HEIGHT.
 APPROX. WEIGHT W/ DISCONNECT SWITCH: 4,850lbs [2204kg]
 DIELECTRIC FLUID VOLUME: 155gal (587L).
 FINISH: ENAMEL, ASA 61, APPROX. RAL 7042.
 TANK AND CONTROL ENCLOSURE RATED NEMA 4/IP56.

DATA SHEET: ESP128-200DS
 REVISION DATE: 10/14/15
 APPROVED BY: RJK

ALL DIMENSIONS IN INCHES [mm]