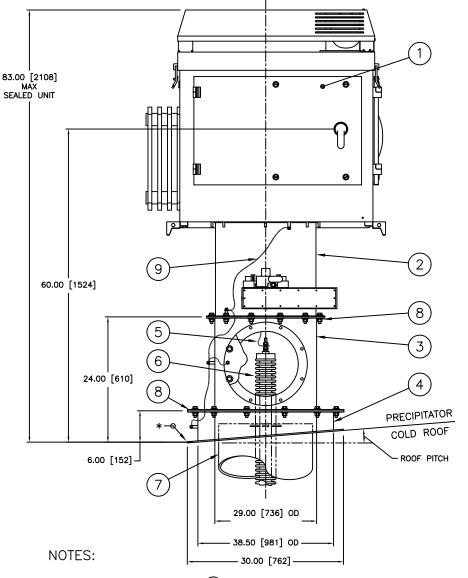


## HF ESP, POWER PLUS SERIES ROOF ADAPTER ASSEMBLY

(FOR ROOF WITH EXISTING FEEDTHRU BUSHING AND PATCH PLATE)



- (1) POWER PLUS UNIT.
- (2) HV DUCT AND BUSHING ENCLOSURE WITH GROUND SWITCH.
- (3) POWER PLUS ADAPTER SPOOL WITH 12.5" [318] ID ACCESS PORT FOR HV CONNECTION AND 1/2" [13] NPTF VENT FITTING.
- (4) COLD ROOF/SPOOL ADAPTER.
  FIELD WELD SEAM\* TO ROOF FOR
  WATER-TIGHT SEAL, 30" [762] OD
  ADAPTER IS DESIGNED TO ACCOMODATE
  PITCHED ROOFS (SEE NOTES FOR DETAILS).
- (5) H.V. CABLE CONNECTION, (END USER SUPPLIED).
- (6) EXISTING H.V. FEEDTHRU BUSHING, (END USER SUPPLIED).
- (7) END USERS EXISTING ROOF PATCH PLATE/HV DUCT FLANGE (IF APPLICABLE).
- (8) 3/8-16 SS HARDWARE AND GASKETS SUPPLIED BY NWL.
- (9) SS GROUND CABLE TO GROUND EACH SECTION, INCLUDING ACCESS COVERS.
- 1. ROOF ADAPTERS (4) ARE AVAILABLE TO ACCOMODATE COLD ROOFS FROM ZERO PITCH TO 3/4" [19] RISE PER 12.0" [305] RUN INCLINES, IN 1/4" [6] INCREMENTS. POSITION AND WELD\* IN PLACE TO KEEP POWER PLUS UNIT LEVEL.
- 2. EXISTING ROOF PATCH PLATE OR DUCT FLANGE (7) MAY NEED TO BE TRIMMED TO ACCOMODATE THE NEW COLD ROOF/SPOOL ADAPTER. IF THE OLD DUCT FLANGE MUST BE REMOVED ENTIRELY, LEAVING NO PROVISION FOR MOUNTING THE FEEDTHRU BUSHING, USE ROOF ADAPTER ASSEMBLY ESPASSY2.
- 3. POWER PLUS ADAPTER (3) MAY BE ROTATED AT 30 DEGREE INCREMENTS TO POSITION THE ACCESS PORT TOWARD AN OPEN AREA TO FACILITATE SERVICING.
- 4. WARNING: POWER PLUS UNIT WITH DUCT WORK WEIGHS A MAXIMUM OF 1100 lbs. [499 KG] COLD ROOF MAY NEED TO BE REINFORCED TO ACCEPT THE WEIGHT OF THE POWER PLUS UNIT.
- 5. MAXIMUM ALLOWABLE DUCT INTERNAL TEMPERATURE: 122°F (50°C). MAXIMUM ALLOWABLE DUCT INTERNAL PRESSURE: 4 PSI (8.14"Hg).

DATA SHEET: ESPASSY1 DATE: 01/27/03