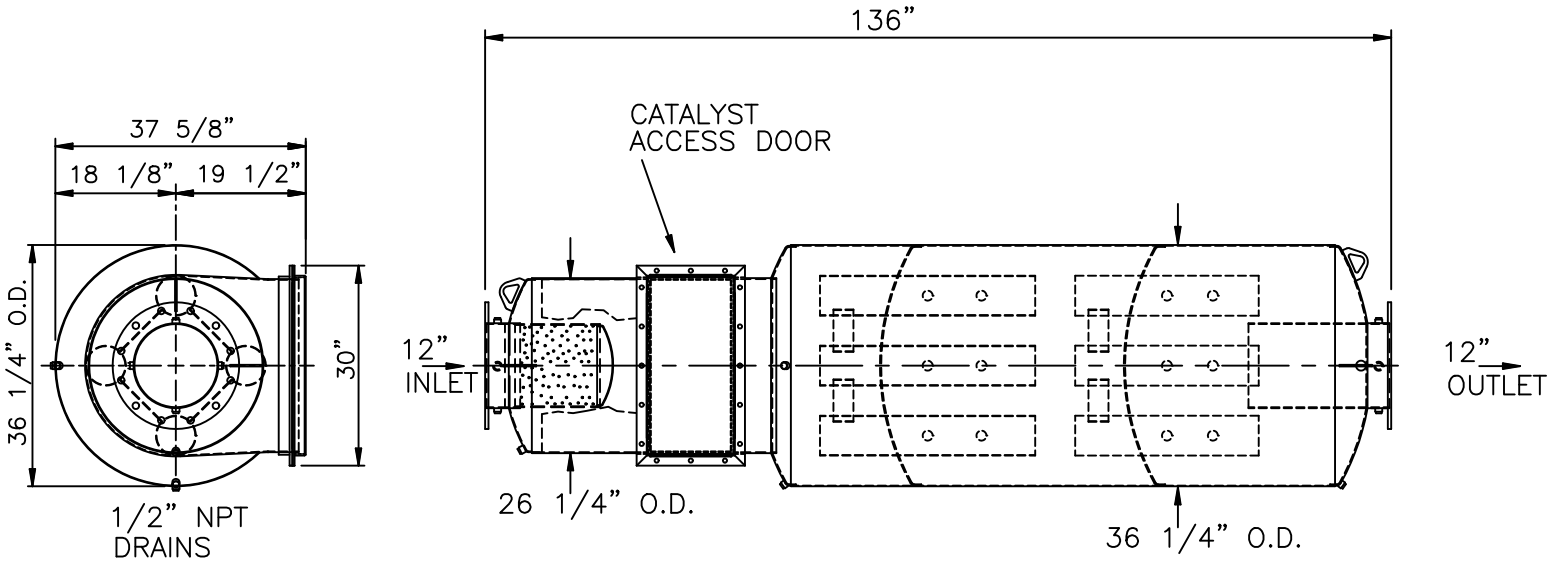
12" INLET FLANGE
1/2" PLATE, 19" O.D.
(12) 1" DIA. HOLES
ON 17"B.C. STRADDLE C.L.

12" OUTLET FLANGE
1/2" PLATE, 19" O.D.
(12) 1" DIA. HOLES
ON 17"B.C. STRADDLE C.L.




OPTIONAL DOOR FEATURE PROVIDES
TOP OR SIDE ELEMENT ENTRY

SERVICE: CATALYST EXHAUST SILENCER FOR RECIPROCATING ENGINE

| OCTAVE BAND | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K |
|---|---|---|---|---|---|---|---|---|
| INSERTION LOSS | 20 | 37 | 37 | 37 | 30 | 30 | 30 | 30 |

NO CREDIT IS TAKEN FOR INSERTION LOSS OF CATALYST.
OVERALL DBA INSERTION LOSS = 30 dBA WITHOUT CATALYST, 35 dBA WITH CATALYST.

PRESSURE DROP: (5.5)* (VELOCITY HEAD IN 12") + CATALYST PANELS PRESSURE DROP

DESTRUCTION EFFICIENCY: DEPENDS ON OPERATING CONDITIONS

MATERIALS OF CONSTRUCTION:

SHELL: 10 GA AND 12 GA CARBON STEEL
SHELL LAMINATION: 16 GA CARBON STEEL
HEADS: 10 GA AND 3/16" CARBON STEEL
CATALYST PANELS: (1) OR (2) 3.5" THICK x 23.5" DIAMETER 304SS
FLANGES: 1/2" CARBON STEEL

EXTERNAL PAINT: HIGH TEMP BLACK

WEIGHT: 1050 LBS.

CERTIFICATION

CUSTOMER: _____

CUSTOMER P.O. NO.: _____

_____

DATE: _____ BY: _____

| No. | REVISIONS | APPR. |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

# MAXIM SILENCERS

10635 BRIGHTON LANE
STAFFORD, TX. 77477
PHONE (832) 554-0980
FAX (832) 554-0990

## EAC4-47-12 CATALYTIC EXHAUST SILENCER

| | | | | | REV |
|---|---|---|---|---|---|
| DRAWN | TJW | 2/28/08 | ORDER NO. | DRAWING NO. | |
| CHECKED | | | | STD_EAC4-47-12 | |
| APPROVED | TJW | 2/28/08 | SHEET | | |