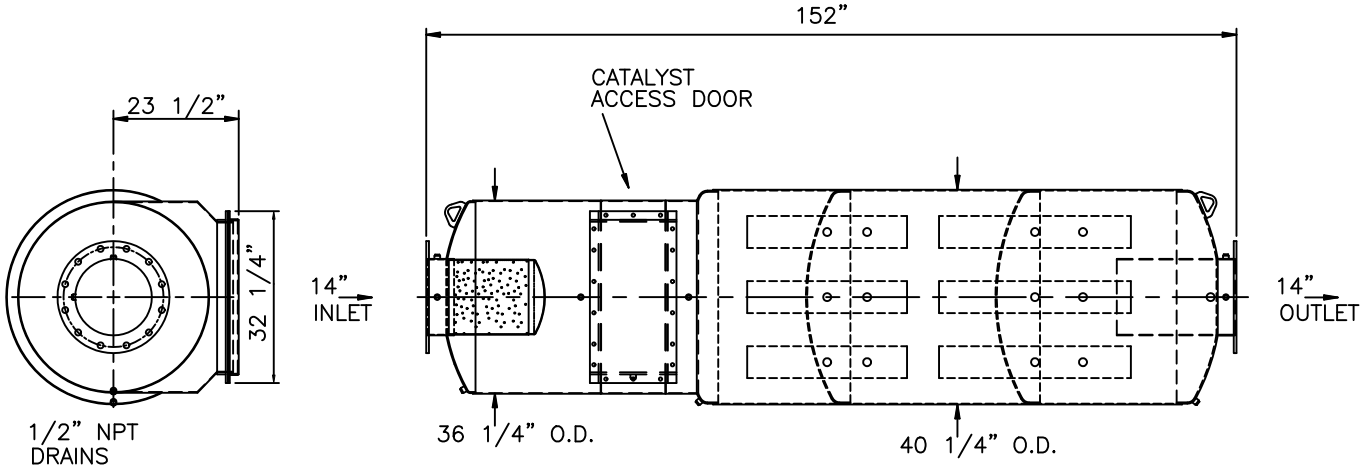
14" INLET FLANGE
1/2" PLATE, 21" O.D.
(12) 1 1/8" DIA. HOLES
ON 18 3/4"B.C. STRADDLE C.L.

14" OUTLET FLANGE
1/2" PLATE, 21" O.D.
(12) 1 1/8" DIA. HOLES
ON 18 3/4"B.C. STRADDLE C.L.



SERVICE: CATALYTIC EXHAUST SILENCER FOR RECIPROCATIONG

OCTAVE BAND	63	125	250	500	1K	2K	4K	8K
INSERTION LOSS	20	37	35	35	30	30	30	20

PRESSURE DROP: (AT 12251 LB/HR, 1191°F OR 8947 ACFM, 14.7 PSIA, 1191°F)
(MAX CASE FOR THIS ENGINE)
WITH ONE CATALYST PANEL: 10" H2O
WITH TWO CATALYST PANELS: 12" H2O

CATALYST DESTRUCTION EFFICIENCY:
ONE PANEL: 97% NOx, 92% CO, 90% NMNEHC
TWO PANEL: 98.5% NOx, 95% CO, 90% NMNEHC

MATERIALS OF CONSTRUCTION:
SHELL: 10 GA CARBON STEEL
HEADS: 3/16" & 1/4" CARBON STEEL
CATALYST PANELS: (1) OR (2) 3.5" THICK x 33.5" DIAMETER 304SS
FLANGES: 1/2" CARBON STEEL
INLET AND OUTLET NOZZLES: 10 GA CARBON STEEL

EXTERNAL PAINT: HIGH TEMP BLACK

WEIGHT:
WITH ONE PANEL: 1900 LBS
WITH TWO PANELS: 2000 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

EAC4-53-14 CATALYTIC EXHAUST SILENCER

DRAWN	TJW	4/18/06	ORDER NO.	DRAWING NO.	REV
CHECKED	JJ	2/27/07		EAC4-53-14_STD	
APPROVED					