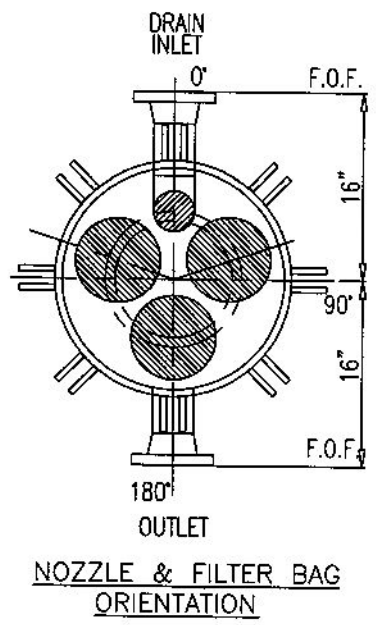
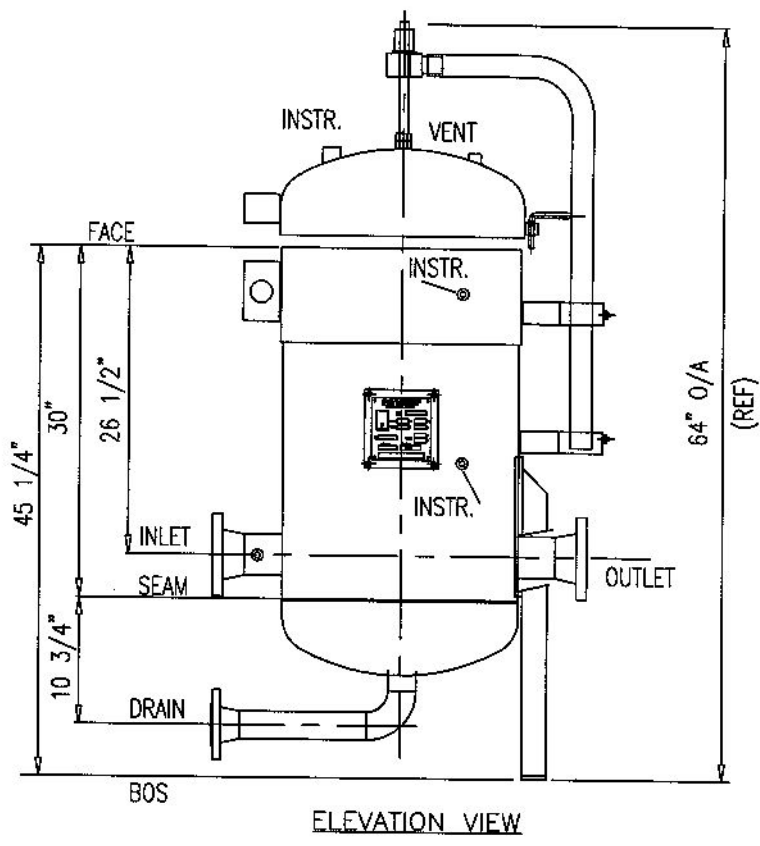


CRN N-4394.231Y
 (A)



NOZZLE & FILTER BAG ORIENTATION

MATERIAL SPECIFICATIONS

MAIN SHELL	SA106B	THK	0.375"
TOP RING	SA106B	THK	0.594"
TOP HEAD	SA516-70N	THK	0.625" (min. 0.5620")
BOT. HEAD	SA516-70N	THK	0.375" (min. 0.3200")
FLANGES	SA105N	RATING	CL150
WELDOLETS	SA105N		
COUPLINGS	SA105N	CL6000	
NOZZLE NECKS (PIPE)	SA106B	Sch160	
SUPPORT	SA36		
GASKETS	BUNA 'O'-RING		
STUDS	SA193-B7M		
NUTS	SA194-2HM		
WEAR PLATE	SA106B		

INLET	3" CL150 RF
OUTLET	3" CL150 RF
DRAIN	2" CL150 RF
FILTER	3 - P2 BAG

DESIGN SPECIFICATIONS

DESIGN PRESSURE, INTERNAL	250psi (1722kPa)
DESIGN TEMPERATURE	200°F (93°C)
MDMT	-20°F @ 250 psi (-29°C @ 1722 kPa)
TYPE OF HEADS	2:1 SEMI ELLIP
CORROSION ALLOWANCE	0.125"
RADIOGRAPHY REQUIRED	FULL
JOINT EFFICIENCY: SHELL	100%
HEAD	100%
HYDROSTATIC TEST PRESSURE	375psi (2584kPa)
WEIGHT (EMPTY)	560 lbs
CAPACITY	6.82 cu. ft.

GENERAL NOTES

- VESSEL DESIGNED AND FABRICATED AS PER ASME CODE SECTION VIII, DIV.1, 2004 EDITION.
 Note: HYDRO TEST TO REMAIN AT 1.5 TIMES DESIGN.
- IMPACT TESTING EXEMPT AS PER UG-20(f)
- FLANGE BOLTS HOLES TO STRADDLE VESSEL CENTER LINES.
- VESSEL CONSTRUCTED TO NACE STANDARD MR175-2002.

JL FILTRATION INC.
 602 - 19 AVE NISKU, ALBERTA, CANADA T9E 7W1

3 BAG FILTER
 DESIGN DATA AND NOTES

10	APR2003	UPDATED ASME CODE	MDH	DRAWN BY	MERLE	CUSTOMER
9	AUG2003	COMPANY'S NAME CHANGED	TTV	ENGINEERING	<i>[Signature]</i>	W.O. No.
11	APR2004	UPDATED ASME CODE	MDH	APPROVED BY	<i>[Signature]</i>	PURCHASE ORDER No.
REV.	DATE	DESCRIPTION	BY	SCALE	N/A	DATE 29 NOV 1996
REVISIONS				DWG No.	JL96-036-00A	REV. 11

10	APR2003	UPDATED ASME CODE	MDH
9	AUG2003	COMPANY'S NAME CHANGED	TTV
11	APR2004	UPDATED ASME CODE	MDH
REV.	DATE	DESCRIPTION	BY
REVISIONS			