

ITEM	SIZE	QTY.	DESCRIPTION	SERVICE
A	12"	1	150# RFSSO CONNECTION WITH NO-FOAM ELBOW IN THE TOP HEAD	FOAM INLET
B	12"	1	150# RFSSO CONNECTION MOUNTED IN THE TOP HEAD	AIR OUTLET
C	-	-	-	
D	-	-	-	
E	3"	1	150# RFSSO CONNECTION MOUNTED IN THE KNUCKLE OF THE BOTTOM HEAD TO DRAIN COMPLETE	OUTLET
F	-	-	-	
G	-	-	-	
H	3/4"	1	HALF COUPLING MOUNTED IN THE UPPER SIDEWALL	LEVEL
J	3/4"	1	HALF COUPLING MOUNTED IN THE LOWER SIDEWALL	LEVEL
K	16"x20"	1	ELLIPTICAL IN-SWING WITH GASKET AND GRAB HANDLE	MANWAY
L		6	304SS CHAIR STYLE - (SHIPPED LOOSE FOR FIELD INSTALLATION)	ANCHORS
M		2	304SS WELDED 180° APART AROUND TOP HEAD KNUCKLE	LIFTING LUG

GENERAL NOTES:

- ALL PRODUCT CONTACT MATERIAL TO BE 316LSS UNLESS NOTED OTHERWISE.
- ALL FLANGE CONNECTION BOLT HOLES SHALL STRADDLE THE MAJOR CENTERLINES OF THE SILO.

INTERNAL FINISH SPECIFICATION:	
MATERIAL:	#2B
WELDS:	REMOVE WELD DISCOLORATION ONLY
EXTERNAL FINISH SPECIFICATION:	
MATERIAL:	#2B
WELDS:	REMOVE WELD DISCOLORATION ONLY
APPROXIMATE WEIGHTS:	
EMPTY VESSEL:	15,500 LBS. FULL @ NOM. CAPACITY: 432,000 LBS. USING PRODUCT S.G. = 1.00

DESIGN DATA			
VESSEL WORKING CAPACITY: 8,000 GALLONS			
TANK DESIGN CONDITIONS: ATMOSPHERIC OPERATION IBC 2009 AND ASCE 7-05		HEAT TRANSFER - -	
VESSEL MATERIAL:	SPEC.	GRADE	THICKNESS/CLASS
SHELL :	SA-240	316L	12 GA (0.105")
TOP HEAD:	SA-240	316L	10 GA (0.135")
BOTTOM HEAD:	SA-240	316L	10 GA (0.135")
RFSSO/BLIND FLANGES:	SA-182	316L	114" I.D. FLAT FLANGED/ PITCHED
NOZZLE PIPE EXTENSIONS:	SA-479	316L	Sch. 40 PIPE

OTHER MATERIAL:			
LIFT LUGS:	SA-240	304	3/8" THICK
ANCHOR RODS:	18-8	-	3/4" Ø
HOLD DOWNS:	SA-240	304	3/8" THICK
MANWAY GASKET:	-	-	EPDM

SHOP TOLERANCES:	
SHELL: DEVIATION FROM VERTICAL: ± 1/2" OUT OF ROUNDNESS: ± 1% OF NOM. "D"	NOZZLES: PROJECTION: SHORTEST DISTANCE FROM OUTSIDE SURFACE TO FLG. FACE ± 1/4" DEVIATION FROM HORIZONTAL, VERTICAL OR INTENDED POSITION ± 1/2" DEVIATION OF BOLT HOLES IN ANY DIRECTION ± 1/8" DEVIATION FROM ANGULAR LOCATION ± 1/2":
HEADS: OUTER PROFILE: NOT TO EXCEED 1.25" OF NOM. "D" INNER PROFILE: NOT TO EXCEED .625" OF NOM. "D"	
MANWAY: LOCATION IN ANY PLANE ± 1/2"	
SUPPORTS: DEVIATION FROM ANGULAR LOCATION ± 1°; DEVIATION FROM REFERENCE LINE ± 1/4°.	WELD FILLET SIZE: + 1/8", - 0"

QUOTE N  -		P.O. No. -	
JBF STAINLESS			
DRAWN BY: JKM	ENGRG. Approved By	REV -	
DATE 5-17-16		SHEET: 1	of 2
8,000 GALLON - 114" I.D. x 15' STRAIGHT SIDE STAINLESS STEEL, SINGLE SHELL, FOAM COLLECTION TANK			
SOLD TO: MIZKAN AMERICAS			
1661 FEEHANVILLE DR. SUITE 300, MT. PROSPECT IL 60056			
SHIP TO: -		DRAWING NO. PRELIM	

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