

ITEM	SIZE	QTY.	DESCRIPTION	SERVICE
A	–	–	–	–
B	3"	1	150# RFSO CONNECTION	PERM RETURN
C	3"	1	150# RFSO CONNECTION	FILTER BLEED
D	3"	1	150# RFSO CONNECTION	SUPPLY
E	3"	1	150# RFSO CONNECTION	OUTLET
F	3"	1	150# RFSO CONNECTION	FILTER SUPPLY
G	3"	1	150# RFSO CONNECTION	LOW LEVEL
H	3/4"	1	3000# FNPT COUPLE	SIGHT TUBE
I	4"	1	REMOVABLE SANITARY CONNECTION WITH SCREEN AND SHROUD	VENT
J	3/4"	1	3000# FNPT COUPLE	SIGHT TUBE
K	16"x20"	1	ELLIPTICAL IN-SWING WITH GASKET AND GRAB HANDLE MOUNTED IN THE LOWER SIDEWALL	MANWAY
L	6"	6	SCH 40 PIPE LEGS WITH NON-ADJUSTABLE FLANGE FEET	SUPPORTS
M	–	2	304SS WELDED 180° APART	LIFT LUGS
N	4"	1	150# RFSO CONNECTION	CP
O	3"	1	150# RFSO CONNECTION	HIGN ALARM
P	3"	1	150# RFSO CONNECTION	PUMP CONTROL

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:	2,900 LBS. FULL @ NOM. CAPACITY: 52,900 LBS. USING PRODUCT S.G. = 1.00

DESIGN DATA				
VESSEL WORKING CAPACITY: 5,700 GALLONS				
TANK DESIGN CONDITIONS: ATMOSPHERIC OPERATION IBC 2009 AND ASCE 7-05		HEAT TRANSFER - -		
VESSEL MATERIAL:	SPEC.	GRADE	THICKNESS/CLASS	NOTES
SHELL :	SA-240	316L	12 GA (0.105")	108" I.D. x 12'-0" STR. SIDE
TOP HEAD:	SA-240	316L	12 GA (0.105")	108" I.D. 160° CONE
BOTTOM HEAD:	SA-240	316L	10 GA (0.135")	108" I.D. 150° CONE
RFSO/BLIND FLANGES:	SA-182	316L		
NOZZLE PIPE EXTENSIONS:	SA-312	316L	Sch. 40 PIPE	
DIP TUBES:	SA-312	316L	Sch. 10 PIPE	
OTHER MATERIAL:				
LIFT LUGS:	SA-240	304	3/8" THICK	
SUPPORT LEGS:	SA-312	304	4" Sch. 40 PIPE	
LEG BACKER PADS:	SA-240	304	3/16"	14" HI x 20" WIDE
MANWAY GASKETS:	-	-	-	EPDM

SHOP TOLERANCES:

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

FILTER TANK

QUOTE N 8 -		P.O. No. -	
JBF STAINLESS			
DRAWN BY: JKM	ENGRG. Approved By	REV -	
DATE 5-17-16		SHEET: 1 of 2	
5,700 GALLON - 108" I.D. x 12' STRAIGHT SIDE STAINLESS STEEL, SINGLE SHELL 'FILTER' TANK			
SOLD TO: MIZKAN AMERICAS 1661 FEEHANVILLE DR., SUITE 300 MT. PROSPECT IL 60056			
SHIP TO: -		DRAWING NO. PRELIM	

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