

4

3

2

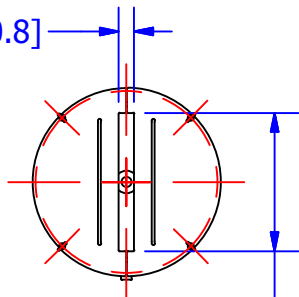
1

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REVISIONS

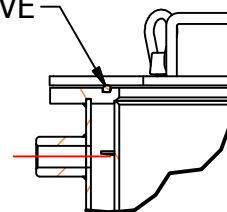
ZONE	REV	DESCRIPTION	DATE	APPROVED
	-	Production Release	2/4/2019	CD Morland
	A	Change Tank Height, Drain Size, Notes, and Temp Sensor Port.	5/2/2019	CD Morland
	B	CHANGED TOP FLANGE AND COVER	7/29/2019	CD Morland

2.00 [50.8]



18.00 [457.2]

O-RING GROOVE



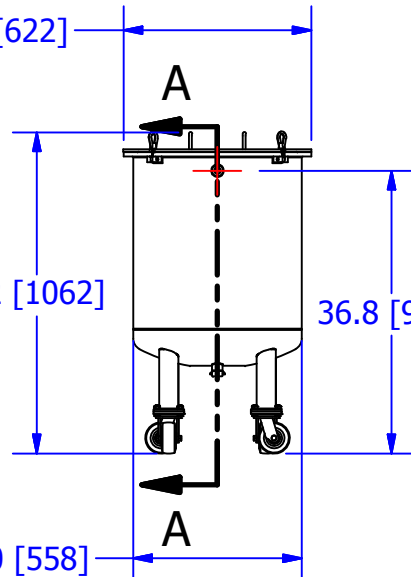
DETAIL C
SCALE 0.15 : 1

NOTES:

- 1.0 MATERIAL: 316L SS WETTED SURFACES
- 2.0 WORK VOLUME: 100L (26.4 GALLONS)
- 2.0 THE DRAIN PORT: 1.5" TRI-CLAMP
- 3.0 THE PROCESS VESSEL MUST BE JACKETED ON THE OUTSIDE, JACKET MATERIAL: 304 SS
- 4.0 INTERNAL WETTED SURFACES ARE 16 RA FINISH; EXTERNAL EXPOSED SURFACES ARE 25 RA FINISHED.
- 5.0 ALL SURFACES ARE TO BE ELECTRO-POLISHED.
- 6.0 GASKET MATERIAL: SILICONE
- 7.0 THE DESIGN PRESSURE OF THE JACKET IS 100 PSI [6.8 BAR] @ 285°F [126°C]
- 8.0 JACKET HAS BAFFLES TO ENSURE FLUID CIRCULATES EVENLY AROUND THE PROCESS FLUID VESSEL.
- 9.0 THE JACKET FLUID IS REFRIGERATION COOLANT, INLET/OUTLET PORT: 3/4" NPT
- 10.0 FOUR LEGS ARE WELDED FOR SUPPORT.

24.5 [622]

A



42 [1062]

36.8 [935]

22.0 [558]

A

31.5 [800]

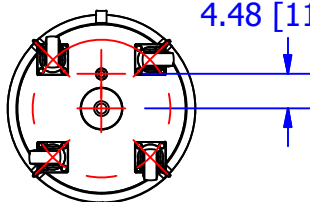
19.7 [500]

10.3 [262]

22.0 [558]

SECTION A-A
SCALE 0.04 : 1

4.48 [113.9]



DRAWN YA Zanki	1/17/2019
CHECKED A. Aziz	2/4/2019
APPROVED CD Morland	2/4/2019

International Filter Products

7914 Ajay Dr.
Sun Valley, CA 91352

PHONE: 818-504-8115
FAX: 818-841-2947
email: www.internationalfilterproducts.com

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

DECIMALS	FRACTIONS +/- 1/16
X +/- .030	ANGLES +/- 1/2
XX +/- .015	SURFACE ROUGHNESS 125
XXX +/- .005	
CONCENTRICITIES .010 (FIM)	
INTERNAL RADII .015~.030	
BREAK CORNERS .005~.015	

TITLE

TANK, ELLIPTICAL, JACKETED, 100L

SIZE
A

ISOF NO

DWG NO
IFP-021-1812REV
B

SCALE

NA

WEIGHT

N/A

SHEET 1 OF 2

4

3

2

1

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3/4 NPT
JACKET PORT

3/4 NPT
JACKET PORT

1.5" TC DRAIN PORT

MIXER SHAFT SLOT

LIFTING HANDLES

4X SWING AWAY BOLTS

SPLIT LID

DRAWN YA Zanki		1/17/2019	International Filter Products 7914 Ajay Dr. PHONE: 818-504-8115 Sun Valley, CA 91352 FAX: 818-841-2947 email: www.internationalfilterproducts.com	
CHECKED A. Aziz		2/4/2019		
APPROVED CD Morland		2/4/2019		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS FRACTIONS +/- 1/16 X +/- .030 ANGLES +/- 1/2 XX +/- .015 SURFACE ROUGHNESS 125 XXX +/- .005 CONCENTRICITIES .010 (FIM) INTERNAL RADII .015~.030 BREAK CORNERS .005~.015			TITLE TANK, ELLIPTICAL, JACKETED, 100L	
SIZE A	ISOF NO	DWG NO IFP-021-1812	REV B	
SCALE	NA	WEIGHT N/A	SHEET 2 OF 2	