



REVISIONS				
REV	DESCRIPTION	BY	ECO	DATE
A	NEW RELEASE	M. LEVIS	0104153	11/21/2014
B	UPDATED DRAWING	FJM	0121687	4/4/2016

- NOTES:**
- DIMENSIONS SHOWN IN [] ARE IN MILLIMETERS AND FOR REFERENCE ONLY. ACCEPTANCE OF THIS PART WILL BE BASED ON "INCH" UNITS & TOLERANCES ONLY.
 - INLET / OUTLET FLANGE CONNECTIONS PER ANSI B16.5 AND ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.
 - UNITS ARE DESIGNED AND FABRICATED TO GOOD ENGINEERING PRACTICE.
 - DESIGN DATA:
 DESIGN PRESSURE - 150 PSI [10 BAR]
 DESIGN TEMPERATURE - 200° F [93° C]
 MDMT - -20° F [-28.9° C] @ 150 PSI [10 BAR]
 CORROSION ALLOWANCE- NONE
 RADIOGRAPHY- NONE
 HYDROSTATIC TEST PRESSURE - 195 PSI [13.4 BAR]
 - APPROX WEIGHT (DRY): 351 LBS [159KG]
 - APPROX SHIPPING WEIGHT: 382 LBS [173 KG]
 - PART NO.: NAFTA --: F3AV0300018L304
 - VESSEL CODE : NAFTA --: PMBF-0302-BB10-030A-NT-11HE-L
 - UNIT ASSEMBLY DWG: ASU0000007
 - THE SPARE PARTS FOR RE-ORDER.

ITEM	DRAWING NUMBER	DESCRIPTION
12		CIRCLIP
11		WASHER
10		RING NUT
9		EYE BOLT
8		SPRING ASSISTED MECHANISM
7		FILTER BAG HOLD DOWN P/N L0000584-304
6		RESTRAINER BASKET P/N L0003232
5		PIN
4		LEGS
3		O-RING P/N RPS0000084
2		COVER
1		BODY

NOZZLE SCHEDULE						
MARK	QTY	SIZE	TYPE	RATING	NECK	SERVICE
N1	1	3	ANSI FLANGED	150	0.24 [6]	INLET
N2	1	3	ANSI FLANGED	150	0.24 [6]	OUTLET
N3,4	1	1/2	NPTI	---	NA	AUXILIARY CONN.
N5	1	1	NPTI	---	NA	VENT
N6	1	1	NPTI	---	NA	DRAIN

CUSTOMER INFO	
NAME	
P.O. NO.	
TAG NO.	
S.O. NO.	
PART NO.	F3AV0300018L304

TOLERANCES (UNLESS OTHERWISE SPECIFIED)

DECIMAL: X ± .030
 .001 ± .010
 .000 ± .005

FRACTIONAL:
 NOZZLE Ø TO FLOOR: $\frac{1}{8}$ < $\frac{1}{4}$ > $\frac{1}{2}$
 FACE TO FACE: $\frac{1}{8}$ < $\frac{1}{4}$ > $\frac{1}{2}$
 ANGULAR: ± 1°
 FLANGES (O/A): ± 1°
 VESSEL OVERALL HT: ± 1°

BOLT HOLES MUST STRADDLE Ø

MACHINED PARTS TO BE FREE OF BURRS FOR ADDITIONAL TOLERANCE DETAILS REF. ES-211, ES-222 AND ES-223

REVIEWED FOR CLASSIFICATION PER PR-4

CRITICAL SIGNIFICANT

DRAWN BY QUINTEL/LEVIS
 SCALE AS DRAWN
 RESTRICTION RESTRICTED
 SHEET 1 OF 1
 PROJECTION THIRD ANGLE

ATON HYDRAULICS GROUP
 FILTRATION DIVISION
 GALESBURG, MICHIGAN, USA • TINTON FALLS, NEW JERSEY, USA

TITLE
 PROLINE 150 (PMBF-03) FILTER VESSEL TYPE HE 3" 150#
 RF FLG INLET/TANGENTIAL OUTLET LOOP STYLE SS-304

DATE 11/05/14 SIZE B DWG FILENAME F3AV0300018L304 REV B

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