

F3AV0300004

.X ± .030 .XX ± .010 .XXX ± .005 FRACTIONAL: $\pm \frac{1}{18}$ NOZZLE © TO FLOOR: $\frac{1}{4}$ < 4' > $\frac{1}{4}$ " FACE TO FACE: 1 < 4 > 1 FLANGES (H/V): VESSEL OVERALL HT: BOLT HOLES MUST STRADDLE & 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 CT CRITICAL SIGNIFICANT

P.O. NO.

S.O. NO.

QUANTITY

PART NO.

RESTRICTION RESTRICTION

MAXILINE (MBF-0302HD) FILTER VESSEL CARBON STEEL W/BUNA O-RING

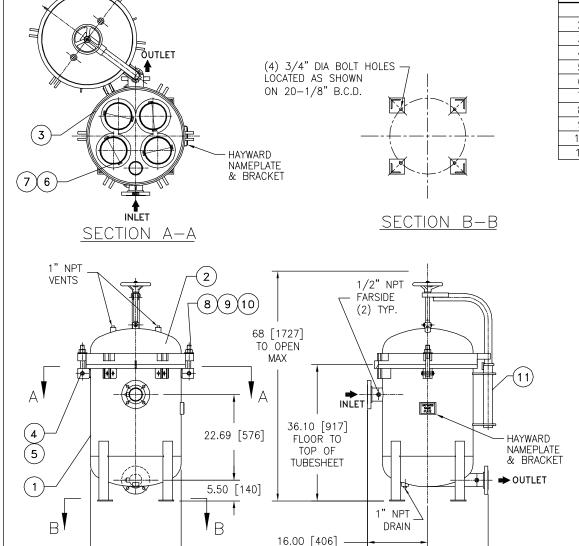
REV

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3" 150# RF INLET/TANGENTIAL OUTLET SHEET 1 OF 1 PROJECTION SIZE DWG FILENAME DATE $\oplus \Box$ THIRD ANGLE 11/20/00 Α HD0303TC

THE DOCUMENT, RECURSON THE COMPRISHING. AND PROPERTYRY HOTOSET TO PERSONS RECOUNSE THE DRAWN AND FOR TECHNICAL BEYOMATION.

THE DOCUMENT, RECURSON THE REMINISH AND REPORTATION OF COMPRISHING AND STREET COLUMNS PROPERTY OF STATE AND AT ANY TIME, BY TAKING THE
COSSESSION OF THE DOCUMENT THE RECOMPET ADMINISHES AND ARRESS THAT THIS DOCUMENT CANNOT BE USED IN ANY MANNEY ADMINISH TO RETURN AND
HAT NO PORTION OF THE DOCUMENT ANY RE COMPED ON TRIBUTINES, REPORTIONALLY BROOK HETTER CONSIST OF A TOTAL CASE OF CONTROLLOW CONTRICATION.



ITEM	PART NAME	MATERIAL
1	BODY	SA53 GR E/B
2	COVER	SA516 GR 70
3	O-RING	BUNA-N
4	PIN	SA193 B7 ZINC PL
5	SNAP RING	STEEL ZINC PL
6	BASKET RESTRAINER	316 SS
7	FILTER BAG RETAINER	316 SS
8	EYE BOLT	SA193 B7 ZINC PL
9	HEX NUT	SA194 2H ZINC PL
10	WASHER	STEEL ZINC PL
11	COVER DAVIT MECHANISM	CARBON STEEL

NOTES:

- 1. UNITS ARE TO BE DESIGNED, FABRICATED & "U" STAMPED IN ACCORDANCE WITH ASME SECT. VIII,DIV. 1 BOILER & PRESSURE VESSEL CODE, IN COMPLIANCE TO LATEST ADDENDA.
- 2. INLET / OUTLET FLANGE CONNECTIONS PER ANSI B 16.5.
- DESIGN PRESSURE: 150 PSI (MAWP)
 DESIGN TEMPERATURE 250° F.
 MDMT -20° F @ 150 PSI.
- 4. ALL DIMENSIONS ARE IN INCHES / [MM].
- 5. ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.
- 6. APPROX. WEIGHT (DRY) 400 LB. (181 KG.)

CERTIFIED FOR:

P.O. NO.: REG. NO.: QUOTE NO.:

TAG NO.:

VESSEL CODE: MBF-0402-CS10-030A-UT-11HD

HAYWARD PART NO .: F3AVO400101



HAYWARD INDUSTRIAL PRODUCTS, INC.

Manufactures of LOEFFLER FILTRATION & GAFA FILTER SYSTEMS 900 FAIRMOUNT AVENUE, ELIZABETH, NEW JERSEY 07207

ME MAXLINE MBF0402HD FILTER VESSEL 3" 150# RF INLET/TANGENTIAL OUTLET CARBON STEEL

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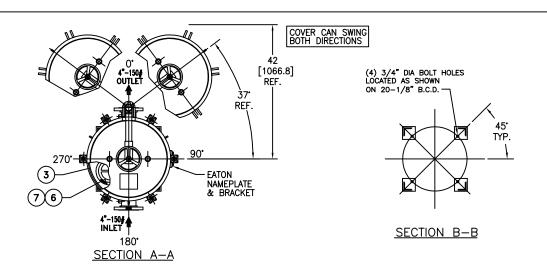
24.00 [610] O.D.

ELECTRONIC FILE NAME: HD0403TC.DWG
s. REF. ECR 9926 DATE 04/05/02

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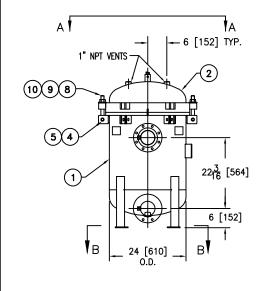
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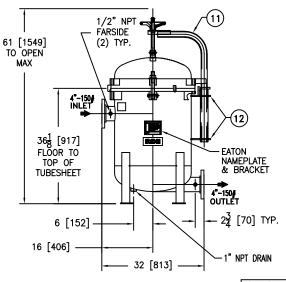
— 32.00 [813] —



		REVISIONS			
7	REV	DESCRIPTION	BY	ECO	DATE
	I	UPDATE DRAWING NOTE 1	FJM	0121763	04/06/16

ITEM	PART NAME	MATERIAL
1	BODY	SA53 GR E/B
2	COVER	SA516 GR 70
3	O-RING P/N 2375035093	BUNA-N
4	PIN	SA193 B7 ZINC PL
5	SNAP RING	STEEL ZINC PL
6	BASKET RESTRAINER P/N L0001753	316 SS
7	FILTER BAG RETAINER	316 SS
8	EYE BOLT	SA193 B7 ZINC PL
9	HEX NUT	SA194 2H ZINC PL
10	WASHER	STEEL ZINC PL
11	DAVIT ASSEMBLY	CARBON STEEL
12	DAVIT SOCKET BRACKETS	CARBON STEEL





NOTES:

- UNITS ARE DESIGNED, FABRICATED AND "U" STAMPED IN ACCORDANCE WITH THE ASME BOILER & PRESSURE VESSEL CODE SECTION VIII, DIVISION 1, IN COMPLIANCE TO CURRENT MANDATORY EDITION.
 - 2. INLET / OUTLET FLANGE CONNECTIONS PER ANSI B 16.5.
 - DESIGN PRESSURE: 150 PSI (MAWP) DESIGN TEMPERATURE 250° F. MDMT - -20° F @ 150 PSI.
 - 4. ALL DIMENSIONS ARE IN INCHES / [MM].
 - 5. ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.
 - APPROX. WEIGHT (DRY) 615 LB. (278 KG.)
 - 7. PAINT C/STL. PER EATON STANDARD ES-301

TOLERANCES (UNLESS OTHERWISE SPECIFIED) DECIMAL: .X ± .030 .XX ± .010 .XXX ± .005 FRACTIONAL: NOZZLE & TO FLOOR: $\frac{1}{4}$ < 4' > $\frac{1}{4}$ " å" < 4' > å" ± 1' FACE TO FACE: ANGULAR: FLANGES (H/V): VESSEL OVÉRALL HT: BOLT HOLES MUST STRADDLE & 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 CT CRITICAL SIGNIFICANT

DRAWN BY SD CUSTOMER INFO SCALE AS DRAWN NAME RESTRICTION RESTRICTED P.O. NO SHEET 1 OF 1 S.O. NO PROJECTION THIRD ANGLE QUANTITY PART NO. F3AV0400004

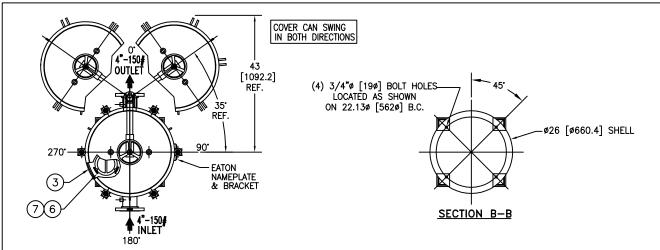
VESSEL CODE: MBF-0402-CS10-040A-UT-13HD

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

MAXILINE MBF-0402HD FILTER VESSEL 4" 150# RF INLET / TANGENTIAL OUTLET CARBON STEEL W/BUNA O-RING

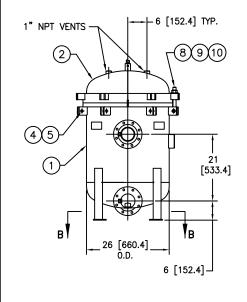
SIZE DWG FILENAME REV HD0404TC Α

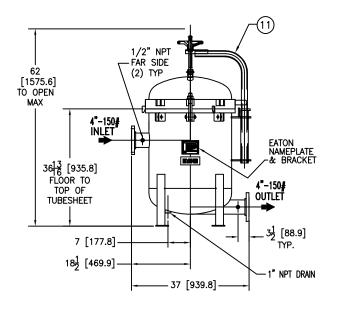
THE SECURETY DESCRIPTION - CONFIDENTIAL, AND PREPRETARY NOTICE TO PERSONS RECEIVING THIS SHAVING MIGHTS FEDERAL INFORMATION
THE SECURETY DECLUSION THE DRAWNER AND INTERMITTED CONTINUED THEREIN IS CONFIDENTIAL AND IS THE DECLUSIVE PROPERTY OF LATER AND THE SECURE THE SECURE THE SECURE



REVISIONS				
REV	DESCRIPTION	BY	EC0	DATE
C	UPDATED DRAWING	FJM	0105295	12/05/14

ITEM	PART NAME	MATERIAL
1	BODY	SA516 GR. 70
2	COVER	SA516 GR. 70
3	O-RING P/N 2375036593	BUNA-N
4	PIN	SA193 B7 ZINC PL
5	SNAP RING	STEEL ZINC PL
6	RESTRAINER BASKET P/N L0001753	316 SS
7	FILTER BAG RETAINER	316 SS
8	EYE BOLT	SA354 BD ZINC PL
9	HEX NUT	SA194 2H ZINC PL
10	WASHER	STEEL ZINC PL
11	DAVIT ASSEMBLY	CARBON STEEL





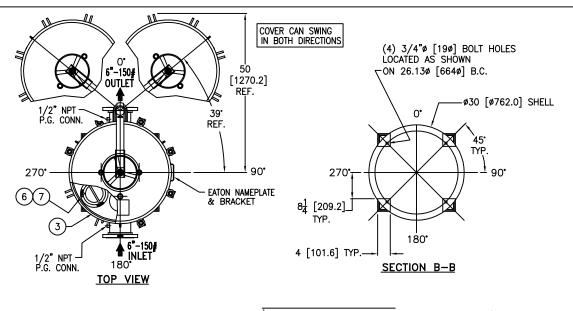
NOTES:

- UNITS ARE TO BE DESIGNED, FABRICATED & "U" STAMPED IN ACCORDANCE WITH ASME SECT. VIII,DIV. 1 BOILER & PRESSURE VESSEL CODE, IN COMPLIANCE TO LATEST ADDENDA.
- 2. INLET / OUTLET FLANGE CONNECTIONS PER ANSI B 16.5.
- DESIGN PRESSURE: 150 PSI (MAWP) DESIGN TEMPERATURE 250° F. MDMT - -20° F 150 PSI.
- DIMENSIONS SHOWN IN [] ARE IN MILLIMETERS AND FOR REFERENCE ONLY. ACCEPTANCE OF THIS PART WILL BE BASED ON "INCH" UNITS & TOLERANCES ONLY.
- 5. ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.
- 6. APPROX. WEIGHT (DRY) 775 LB. (351.6 kgs)
- 7. APPROX. SHIPPING WEIGHT 900 LBS. (408.3 kgs)
- 8. ALL CARBON STEEL PAINTED PER EATON STANDARD ES-301

VESSEL CODE: MBF-0602-CS10-040A-UT-13HD

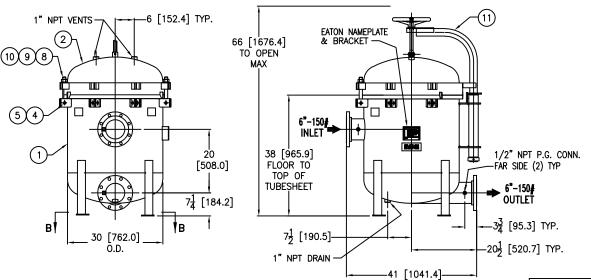
REVIEWED FOR CLASSIFICATION PER PR-4
CRITICAL SIGNIFICANT

HYDRAULICS GROUP FJM FILTRATION DIVISION GALESBURG, MICHIGAN, USA \circ TINTON FALLS, NEW JERSEY, USA CUSTOMER INFO AS DRAWN RESTRICTION NAME MAXILINE (MBF-0602HD) FILTER VESSEL RESTRICTED 4" 150# RF INLET/TANGENTIAL OUTLET P.O. NO. SHEET MAT'L. CARBON STEEL W/BUNA O-RING 1 OF 1 S.O. NO. PROJECTION THIRD ANGLE 07/25/01 HD0604TC QUANTITY EATON CORPORATION —
THIS DOCUMENT, INCLUDING THE DRAWING
POSSESSION OF THIS DOCUMENT THE RECIP
THAT NO PORTION OF THIS DRAWING MAY R PART NO. F3AV0600102



REVISIONS					
	REV	DESCRIPTION	BY	ECO	DATE
	C	UPDATED DRAWING	FJM	0104738	11/19/14

ITEM	PART NAME	MATERIAL
1	BODY	SA516 GR. 70
2	COVER	SA516 GR. 70
3	O-RING P/N 2375037193	BUNA-N
4	PIN	SA193 B7 ZINC PL
5	SNAP RING	STEEL ZINC PL
6	RESTRAINER BASKET P/N L0001753	316 SS
7	FILTER BAG RETAINER	316 SS
8	EYE BOLT	SA354 BD ZINC PL
9	HEX NUT	SA194 2H ZINC PL
10	WASHER	STEEL ZINC PL
11	DAVIT ASSEMBLY	CARBON STEEL



T O L E R A N C E S (UNLESS OTHERWISE SPECIFIED)

NOZZLE © TO FLOOR: \$\frac{1}{4}^{\tilde{1}} < 4' > \frac{1}{4}^{\tilde{1}} \\
NOZULAR: \$\frac{1}{4}^{\tilde{1}} < 4' > \frac{1}{4}^{\tilde{1}} \\
ANGULAR: \$\frac{1}{4}^{\tilde{1}} < 4' \leq \frac{1}{4}^{\tilde{1}} \\
ANGULAR: \$\frac{1}{4}^{\tilde{1}} < 4' \leq \frac{1}{4}^{\tilde{1}} \\
\end{array}

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

FLANGES (H/V): VESSEL OVERALL HT: .X ± .030 .XX ± .010 .XXX ± .005

REVIEWED FOR CLASSIFICATION PER PR-4

SIGNIFICANT

CRITICAL

NOTES:

- UNITS ARE TO BE DESIGNED, FABRICATED & "U" STAMPED IN ACCORDANCE WITH ASME SECT. VIII,DIV. 1 BOILER & PRESSURE VESSEL CODE, IN COMPLIANCE TO LATEST ADDENDA.
- 2. INLET / OUTLET FLANGE CONNECTIONS PER ANSI B 16.5.
- DESIGN PRESSURE: 150 PSI (MAWP) DESIGN TEMPERATURE 250° F. MDMT – -20° F @ 150 PSI.
- DIMENSIONS SHOWN IN [] ARE IN MILLIMETERS AND FOR REFERENCE ONLY. ACCEPTANCE OF THIS PART WILL BE BASED ON "INCH" UNITS & TOLERANCES ONLY.

VESSEL CODE: MBF-0802-CS10-060A-UT-13HD

- 5. ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTERLINES.
- 6. APPROX. WEIGHT (DRY) 920 LB. (417.3 kgs)
- 7. APPROX. SHIPPING WEIGHT 1050 LBS. (476.3 kgs)
- 8. PAINT C/STL. PER EATON STANDARD ES-301

DRAWN BY HYDRAULICS GROUP FJM FILTRATION DIVISION CUSTOMER INFO GALESBURG, MICHIGAN, USA . TINTON FALLS, NEW JERSEY, USA AS DRAWN RESTRICTION NAME MAXILINE (MBF-0802HD) FILTER VESSEL RESTRICTED 6" 150# RF INLET / TANGENTIAL OUTLET P.O. NO. SHEET CARBON STEEL W/BUNA O-RING 1 OF 1 S.O. NO. PROJECTION PROJECTION
THIRD ANGLE 07/25/01 HD0806TC C Α QUANTITY THIS DECIMENT, DECIMENT AND MAY BE COPED OR DESCRIPTION OF REPORTED THE PROPERTY AND THE PROPERTY AND THE SHOP PART NO. F3AV0800102

