



ITEM	PART NAME	MATERIAL
1	BODY	SA516 GR. 70
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	SA194 2H ZINC PL.
9	HEX NUT	SA194 2H ZINC PL.
10	WASHER	STEEL ZINC PL.
11	SPRING ASSISTED MECHANISM	STAINLESS STEEL
12	MANIFOLD STUDS	SA193 B7 ZINC PL.
13	MANIFOLD HEX NUTS	SA194 2H ZINC PL.
14	MANIFOLDS (INLET & OUTLET)	CARBON STEEL
15	3" BUTTERFLY VALVES (SEE NOTE 7)	CARBON STEEL
16	32M OPERATOR & LIMMER (SINGLE ACTING)	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.
- INLET / OUTLET FLANGE CONNECTIONS PER ANSI B 16.5.
- DESIGN PRESSURE: 150 PSI (MAMP) [10.34 BAR]  
DESIGN TEMPERATURE 280° F. [121° C]  
MDWT - -20° F @ 150 PSI [-28.9° C @ 10.34 BAR]
- ALL DIMENSIONS ARE IN INCHES & [MILLIMETERS]
- ALL BOLT HOLES ARE TO STRADDLE NATURAL CENTRLINES.
- APPROX. WEIGHT (DRY) 710 LB. (322.1 KG)
- 3" BUTTERFLY VALVES WAFER STYLE:  
BRAY SERIES 30  
BODY-CAST IRON  
DISC-DUCTILE IRON  
SEALS-SS1L  
STEMS-EPDM
- PAINT CARBON STEEL PER HAYWARD STANDARD ES-301.

CERTIFIED FOR:

P.O. NO.:  
REG. NO.:  
VESSEL CODE: DMRF-0302-CS10-030A-10T-13HE-VL-LMK  
PART NUMBER: F3AV0300301-B

**EATON FILTRATION, LLC**  
800 PRINCIPAL AVENUE, EDENHEIM, NEW JERSEY 07207

NAME: DMRF-0302 DUPLEX FILTER VESSEL  
TYPE: HE CARBON STEEL  
SIZE: 150# INLET / TANG. OUTLET

DATE: 07/24/03  
DATE: 07/24/03

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ELECTRONIC FILE NAME: DHE0303TC-B  
REF. ERR. D066  
DATE: 01/09/06