NOTES:

1. MATERIAL OF CONSTRUCTION: TYPE 316L, STAINLESS STEEL
2. MTR/HEAT NUMBERS ARE PROVIDED FOR ALL MATERIALS AND SHALL MEET APPLICABLE MATERIAL SPECIFICATIONS.
3. FLANGE BOLT HOLES TO STRADDLE COMMON CENTERLINES, UNLESS OTHERWISE NOTED.
4. MAXIMUM PRESSURE: 80 PSI (5.5 BAR)
5. MAXIMUM OPERATING TEMPERATURE: 180°F (82.2°C)
6. PRESSURE LOSS: 1 - 4 PSID (.07 - .28 BAR) AT RATED FLOW
7. RATED FLOW: 50 - 150 GPM (11 - 34 M³/HR)
8. EMPTY WEIGHT (DRY): APPROXIMATELY 50 LBS. (23 KG)
9. WATER VOLUME: 3.5 GALLONS (13.4 LITERS)
10. INLET/OILET CONNECTION: 2.00" DIA., ANSI B16.5, CLASS 150, SCHE D. 40, RAISED FACE WELD-NECK
11. VENT CONNECTION: 1.00" DIA., ANSI B1.20.1, FEMALE NATIONAL PIPE THREAD (FNPT)
12. FINISH: GLASS BLAST EXTERIOR ONLY
13. WELDING JOINTS TO BE COMPLETE PENETRATION, WHERE POSSIBLE.
14. DYE PENETRANT TESTING IN ACCORDANCE WITH ASME B31.3 NORMAL SERVICE RECOMMENDATIONS WILL BE PERFORMED ON A MINIMUM OF 20% OF LINEAR LENGTH OF WELDS. OR HYDROSTATIC TESTING WILL BE PERFORMED AS PART OF MAZZEI'S NON-DESTRUCTIVE TESTING PROCEDURE.
15. CLEANED FOR PASSIVATION PER ASTM A380 GUIDELINES.
16. PASSIVATED PER ASTM A967 SPECIFICATION.
17. WELD MAP, NON DESTRUCTIVE TESTING (NDT), CLEANING AND INSPECTION REPORTS TO BE PROVIDED BY MAZZEI.
18. MAZZEI RECOMMENDS INSTALLING THE DEGAS SEPARATOR PER THE O&M MANUAL GUIDELINES.
17. Passivate per ASTM A967 specification.
18. Weld map, non-destructive testing (NDT), cleaning and inspection reports to be provided by Mazzei.
20. Mazzei recommends installing the degas separator per the O&M manual guidelines.
NOTES:
1. MATERIAL OF CONSTRUCTION: CHLORINATED POLYVINYL CHLORIDE (CPVC)/FIBER REINFORCED POLYMER (FRP)
2. MAXIMUM PRESSURE: 80 PSI (5.52 BAR)
3. MAXIMUM OPERATING TEMPERATURE: 73°F (22.8°C) @ MAX. PRESSURE
4. PRESSURE LOSS: 3 - 12 PSID (.2 - .8 BAR) AT RATED FLOW
5. RATED FLOW: 50 - 150 GPM (11 - 34 m³/HR)
6. EMPTY WEIGHT [DRY]: APPROXIMATELY 36 LBS. (16.3 KG)
7. WATER VOLUME: 6.5 GALLONS (24.4 LITERS)
8. INLET/OUTLET CONNECTION: 2" NOMINAL DIA., CLASS 150, VAN STONE STYLE FLANGE
9. VENT CONNECTION: 1.25" NOMINAL DIA., CLASS 150, VAN STONE STYLE FLANGE
10. FINISH: FIBERGLASS WRAPPED EXTERIOR ONLY
11. HIGH FREQUENCY SPARK TEST REPORT OF HOT AIR WELDS CAN BE PROVIDED BY MAZZEI UPON REQUEST.

REV. | DESCRIPTION | DATE | APPROVED
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NC | RELEASED FOR SUBMITTAL. | 2/19/2015 | J. BENNETT