

GRADE LEVEL MANWAY
COVER PLATE NOT
SHOWN THIS VIEW

TOP VIEW OF
THE MANWAY

TOP VIEW OF
THE MANWAY

SINGLE STORZ —
CONNECTION

SINGLE OR
DOUBLE STORZ
CONNECTION

GRADE

GRADE LEVEL
MANWAY NOT
SHOWN THIS
VIEW

LIFTING

TANK

19'-0"

STRIKER PLATES

CAPACITY - 4,000 GALLONS

TYPE - SINGLE WALL, HIGHGUARD UNDERGROUND

NO.	REQ.	—	—
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100	100	100	100

OPERATING PRESSURE – ATMOSPHERIC

TANK MATERIAL — MILD CARBON STEEL

THICKNESS INNER – HEADS: 7 GA, SHELL: 7 GA

THICKNESS OUTER -HEADS: 7 GA, SHELL: 10 GA

*GA THK. BASED ON 60" MAX. BURIAL DEPTH

CONSTRUCTION - FLAT FLANGED HEADS, LAP WELD
INSIDE & OUTSIDE

TANK TEST - 5 PSIG

INT. FINISH - SP10 BLAST HighDRO®-LINER
PLUS FOR NSF 61 APPLICATIONS

EXT. FINISH - SP6 BLAST, 75 MILS POLYURETHANE

LABEL - UL-1746 PART IV, HIGHGUARD

A	HTM SPIN BRK'T - MFG USE ONLY - NOT TO BE USED FOR FIELD INSTALLATION
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B	RF50 150# FLANGE INSIDE AND OUTSIDE w/ INTERNAL STD. WEIGHT DROP PIPE WITH NFPA 22 ANTI-VORTEX PLATE AND EXTERNAL STD. WEIGHT CARBON STEEL RISER PIPE WITH LOCKING CAP (SUCTION)
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C	24"Ø TIGHT BOLT MANWAY w/ 1" THK. EPDM GASKET
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D	2" FNPT FITTING (MANWAY VENT USE)
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E	16" WIDE INTERNAL LADDER W/ 3/4" RUNGS ON 12" SPACING.
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F	RFSO FLANGE w/ 24" LONG STD. WEIGHT INTERNAL PIPE & EXTERNAL FLANGED SPOOL STD WEIGHT RISER PIPE (VENT/ LEVEL INDICATOR ASSEMBLY)
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G	<p>RFSSO FLANGE INSIDE AND OUTSIDE WITH STD. WEIGHT CARBON STEEL INTERNAL DROP PIPE TO WITHIN 6" OF TANK BOTTOM, MITER 45°, & EXTERNAL RISER PIPE STD. WEIGHT CARBON STEEL WITH STORZ SINGLE OR DOUBLE CONNECTION (FIRE DEPT. CONNECTION/ FILL)</p>
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H	24"Ø TIGHT BOLT MANWAY w/ 1" THK. EPDM GASKET
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J	2" FNPT FITTING (MANWAY VENT USE)
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K	36"Ø GRADE LEVEL MANWAY
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NOTES:

- 1) THE HIGHGUARD TANK IS NOT APPROVED FOR THE STORAGE OF HEATED PRODUCTS.
- 2) 15,000 VOLT SPARK TEST PROVIDED AT FACTORY.
- 3) SHOP TO INSTALL 1/4"x12"x12" STRIKER PLATES, ROLLED AND SEAL WELD TO THE TANK.

