

PRODUCT DATA SHEET

January, 2007

FLIP TOP WEIR TANK

(VE ENTERPRISES VERSION)

GENERAL INFORMATION

This fixed-axle tank is fitted with two internal weirs and 14 top inspection doors.

WEIGHTS AND MEASURES

» Capacity:	.....	20,000 gallons
» Height:	.....	8'-6 1/4" (grade to tank roof) 12'-8 1/2" (grade to top of handrails when up)
» Width :	.....	8'-6"
» Length:	.....	45'-7 1/2" (tank only), 50'-0" (nose-to-bumper)
» Weight:	.....	33,000 lbs.

STRUCTURAL DESIGN

» Floor:	.....	1/4" ASTM A36 carbon steel. "V" bottom sloping from each side to centerline of tank
» Sides/Ends:	.....	1/4" ASTM A36 carbon steel, corrugated shape
» Roof Deck:	.....	1/4" ASTM A36 carbon steel
» Wall Frame:	.....	Corrugations only, no internal frame
» Internal Weirs:	.....	Two internal steel weirs equally spaced to create three compartments inside tank. Overflow weir (forward weir) extends from floor up to one foot from top of tank. Underflow weir extends down from roof and terminates one foot from floor seam at sidewalls. Designed for 16 lbs. per gallon liquid on one side of weir and no liquid on the other side.

FEATURES

» Relief Valve:	.....	None
» Valves:	.....	(2) 4" wafer style butterfly valve, Bray series 30 or equivalent, with cast iron body, Buna-N seat and seals, 316 SS stem, Nylon 11 coated ductile iron disk

FEATURES - cont.

» Fill Line:	.....	One 3-inch schedule 40 ASTM A106B pipe with cap and securing chain. Line enters front of tank near top with dip tube into first compartment down approx. halfway from bottom of tank where it 90° elbows into compartment.
» Front Drain:	.....	One 4" wafer style butterfly valve. Mounted on 150# weld neck flange on tank side and 150# FPT flange on outside with plug and chain.
» Rear Drain:	.....	One 4" wafer style butterfly valve. Mounted on 150# weld neck flange on tank side and 150# FPT flange on outside with plug and chain. Remote-operation handle.
» Rear Process Outlet:	.....	One (1) 4" flanged and blinded nozzle 18" below roof deck
» Top Doors:	.....	14- 51"x39"x10ga plate lids
» Manways:	.....	Three (3) 22" diameter, passenger side
» Manway Seals:	.....	Buna-N (NBR)
» Stairway:	.....	OSHA compliant non-slip stairway with handrails and guardrails
» Walkway:	.....	Full length of tank with guardrails on both sides; door handles accessible

SURFACE DETAILS

» Exterior Coating:	.....	High gloss polyurethane
» Interior Coating:	.....	Chemical resistant lining

TESTS/CERTIFICATIONS

» Test Performed:	100% water-tested to full capacity by OEM, plus level 1, 2 & 3 QMS inspections by Baker Tanks
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ITEM	QTY	DESCRIPTION
1	3	22" diameter manway
2	2	4" drain conn. w/butterfly valve
3	1	Stairway assembly
4	1	Walkway with handrail
5	14	Flip top door plates
6	14	Door plate handles
7	1	3" fill line
8	1	4" nozzle
9	5	Brace assembly
10	2	Weir plate



SPECIFICATIONS:

- 1) Tank Capacity: 20,000 gallons (476 BBL)
- 2) Tank Weight: 33,000 lbs. (empty)

NOTES:

- 1. This drawing is a baseline representation for this model of tank. Variations between this drawing and the actual equipment in the field can and do exist, primarily with appurtenance locations, sizes and quantities. Consult your local BakerCorp representative if specific needs exist.
- 2. THIS TANK IS NOT DESIGNED FOR TRANSPORTING LIQUIDS. It should be moved only when empty.
- 3. Tanks of this type have an internal lining (coating) on the wetted surfaces.
- 4. This tank is constructed from A36 carbon steel.

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BAKERCORP 3020 OLD RANCH PARKWAY
SEAL BEACH, CA 90740-2751

G				SCALE:	SIZE	ORIGINAL DWG. DATE
F				DO NOT SCALE	B	16JUL02
E				DRAWN BY:	APPROVED BY:	CAT/CLASS
D				P.J.B.		--
C				TITLE		SHEET
B				VE ENTERPRISES		1 of 1
A	FIXED CUTAWAYS / LINEWEIGHT	7/12/05	Z.E.R	DRAWING NO.		
REV.	DESCRIPTION	DATE	BY	S-2-M0005-1-		A