

PRODUCT DATA SHEET

February, 2002

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'-6¼" (to tank roof) 12'-8½" (to top of handrails when up)
➤ Width:	.....	8'-6"
➤ Length:	.....	45'-7½" (tank only), 50'-0" (nose-to-bumper)
➤ Weight:	.....	33,040 lbs.

STRUCTURAL DESIGN

➤ Floor:	.....	¼" ASTM A36 carbon steel. "V" bottom sloping from each side to center of tank
➤ Sides/Ends:	.....	¼" ASTM A36 carbon steel, corrugated
➤ Top Deck:	.....	¼" ASTM A36 carbon steel
➤ Wall Frame:	.....	Corrugations only, no internal frame
➤ 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.
➤ Internal Cross Bracing:	.....	None

ACCESSORIES

➤ Manifold:	.....	None
➤ Electrical Plug:	.....	Large 7-pin connector to seal when not in use
➤ Relief Valve:	.....	None
➤ 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.
➤ Top Doors:	.....	14- 51"x39"x10ga plate lids
➤ Manways:	.....	Three (3) 22" diameter, passenger side

ACCESSORIES – cont.

➤ 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
➤ 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
➤ 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.
➤ 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 Process Outlet:	.....	One (1) 4" flanged and blinded nozzle 18" below roof deck
➤ Wheels and Tires:	.....	Budd 10-bolt, two hole opening style, 11.00x22.5 standard nylon tubeless tires (bias ply).
➤ Suspension:	.....	Automatic slack adjusters, 22,500 axle

SURFACE DETAILS

➤ Exterior Coating:	.....	<u>Primer:</u> Carboline 890 Polyamide epoxy <u>Paint:</u> Carboline 134HS Polyurethane
➤ Interior Coating:	.....	<u>Primer:</u> Carboline 187 <u>Finish:</u> Carboline 187
➤ Equipment Number:	.....	CFFT8###LW; 6" tall characters
➤ Decals:	.....	1-DCLD02: Danger Do Not Enter... 9-DCLD03: Danger...Confined Space 1-DCLD04: Danger...Surface...Slick 2-DCLE: Baker Tanks – Tanks...Rentals 1-DCLIC01: Warning...Coating Damage 2-DCLK: Property of Baker Tanks... 1-DCLW04: Warning-Do Not Move...

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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