

PRODUCT DATA SHEET

August, 2000

DOUBLE WALL TANK

(Baker Style Tank)

GENERAL INFORMATION

Double wall tanks are easy to clean because they have smooth interior walls since the structural frame is between the two walls. Only the internal piping crossies remain. Two large vapor tight hatch doors on the top deck provide easy access inside.

WEIGHTS AND MEASURES

➤ Capacity:	-	425 BBL (17850 gallons)
➤ Height:	-	11'-8" (w/o handrails)
➤ Width:	-	7'-11" (tank only); 10'-0" (stairway extended)
➤ Length:	-	35'-0" (tank only); 37'-2" (including stairway)
➤ Weight:	-	29,500 lbs.

STRUCTURAL DESIGN

➤ Outer Floor:	-	¼" thick ASTM A36 carbon steel
➤ Inner Floor:	-	3/16" thick ASTM A36 carbon steel
➤ Outer Skin: (sides/ends)	-	¼" thick ASTM A36 carbon steel
➤ Inner Skin: (sides/ends)	-	3/16" thick ASTM A36 carbon steel
➤ Top Deck:	-	¼" thick ASTM A36 carbon steel diamond plate
➤ Interstitial Framing:	-	Walls: 4" steel channel Floors: 2" steel channel
➤ Internal Cross Bracing:	-	11 - 2" schedule 80 pipes

ACCESSORIES

➤ Interstitial Drains:	-	4 - 1¼" threaded and capped, one at each bottom corner of floor
➤ Valves:	-	2-4" 150#, one on each end of box, bottom center
➤ Relief Valve:	-	Blaylock Model LL10, Buna-N seal, 16 oz. Pressure setting, 0.4 oz. Vacuum setting
➤ Top Fill:	-	1 - 4" 150# blinded connection, driver side on dolly end

ACCESSORIES – cont.

➤ Top Access Hatches:	-	2 - 50" long x 32" wide (rounded ends)
➤ Top Access Hatches:	-	1" thick x 1¼" wide neoprene gasket
➤ Manways:	-	None
➤ Stairway:	-	Dolly end of tank
➤ Guardrails:	-	Top deck – fold-down style
➤ Internal Ladder:	-	One, located at rear top hatch opening
➤ Manifold:	-	None
➤ Level Gauge:	-	Ball float style, 2-8" SS floats
➤ Electrical Plug:	-	None
➤ Wheels:	-	Removable conventional or air dolly; no fixed axles

SURFACE DETAILS

➤ Exterior Coating:	-	Carboline® 134HS (High Gloss Acrylic Aliphatic Polyurethane)
➤ Interior Coating:	-	Carboline® 187 System (Modified Epoxy Phenolic) SS float balls are not coated (Option- Sentry 145S 100% epoxy)
➤ Safety Paint:	-	Safety Yellow – handrails, hatch covers and trip hazard surfaces
➤ Equipment Number:	-	DW####SDL 6" numbers, front & rear (DW = Double Wall; SDL = Safety Vapor Lined, #### = tank sequence number)
➤ Decals:	-	2-DCLC: Property of Baker Tanks.. 2-DCLD01: Danger-Do Not Enter.. 2-DCLIC01: Warning-Interior Coat 1-DCLSTL01: MFG. Use only... 1-DCLSTL02: Secondary Cont... 1-DCLSTL03: Pad Eyes Are Not... 2-DCLW04: Warning-Do Not Move
➤ Placard Mounts:	-	None

TESTS /CERTIFICATIONS

➤ Test Performed:	-	Full hydrostatic – tank and interstitial space
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