

PRODUCT DATA SHEET

October, 1999

DEWATERING BOX

(Baker Style)

GENERAL INFORMATION

This equipment is a 25 yd³ roll-off box with bottom-mounted filter packs. Sparging and vacuum capability is included beneath the filter packs.

WEIGHTS AND MEASURES

➤ Capacity:	.....	25 cu. yds.
➤ Height:	.....	5'-0"
➤ Width:	.....	8'-3"
➤ Length:	.....	23'-0"
➤ Weight:	.....	7,700 lbs. (approx.)

STRUCTURAL DESIGN

➤ Floor:	.....	Carbon steel plate
➤ Sides/Ends:	.....	Carbon steel plate
➤ Top:	.....	Roll tarp
➤ Support Construction:	.....	Carbon Steel
➤ Filter Panel Support:	.....	Transverse 2" steel channel with longitudinal 3/8"x3-1/2" flat bar

ACCESSORIES

➤ Door Gasket:	.....	Closed cell neoprene
➤ Pull Hook Equipped:	.....	Yes
➤ Suction Fittings:	.....	2-4", blind flanged, total drains
➤ Sparge Line Fittings:	.....	2-1" ball valves with female threads

ACCESSORIES – cont.

➤ Filter Panels:	.....	12 total and hinged on wall side of box, 10 are approx. 40"x40", two panels farthest from door are smaller
➤ First Stage Filter:	.....	Fixed perforated steel plate, 1/4" diameter holes on 3/8" stagger, 42% open area
➤ Second Stage Filter:	.....	Removable stainless steel 50 mesh screen (0.0118 width opening) 30.3% open area sandwiched between two panels of expanded metal
➤ Sparge Line:	.....	(2) - 1" schedule 40 pipe with 1/8" dia. holes every 6" (approx. 40 holes per line)

SURFACE DETAILS

➤ Exterior Coating:	.....	<u>Primer:</u> Carboline 890 Polyamide epoxy, color C703 <u>Paint:</u> Carboline 134HS Polyurethane, color #B756-Baker Warm Gray
➤ Interior Coating:	.....	None
➤ Safety Paint:	.....	None
➤ Equipment Number:	.....	DR####RT
➤ Decals:	.....	4-DCLB: Property of Baker Tanks... 2-DCLD02: Danger-Do Not Enter... 2-DCLW01: Warning – This Container...
➤ Placard Mounts:	.....	None

TESTS/CERTIFICATIONS

➤ Test Performed:	Water test after manufacture. Level I, II and III inspections thereafter.
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