

C.I. AGENT EVAC Specification Data



agent solutions

PHYSICAL PROPERTIES

Length

55 " With the male camlock type adaptor

Width

6 " At the adaptor 12" throughout the body

Weight

With Pail Less than 10 LBS

Without Pail Less than 5LBS

Pail Dimensions 15 " Diameter X 18.5 " Tall



MATERIALS OF CONSTRUCTION

Fabrics

High micron non woven polypropylene for large debris removal

Low micron non woven polypropylene - high flow - lofted for small sized sediments and rust

Solidifier CI Agent - EPA NCP Listed Solidifying Polymers

Adaptor Fitting

2 " Male adaptor camlock type polypropylene w/ male NPT (Standard)

5 " O.D. Groove lock with 2 " Female NPT ABS (Adapt to other sizes)

Banding (2) Stainless Steel poly covered worm gear type

Pail HDPE with Teflon sealed lid UN Certified for safe transportation of used filter

C.I. AGENT EVAC Performance Data



Flow - Recommended 150GPM Tested to 450 GPM (higher flows = lower removal)

Pressure - Recommended 10 PSI Tested to 35 PSI (higher PSI = lower removal)

Head Loss - New less than 1 PSI

Insurance - 2 Million dollars - 2 Million Product Liability - 2 Million Environmental

Total Suspended Solids - EPA Method 160.2

Test Media - Sil-co-sil 106 3,147.2 mg/l Standard particle size distribution for testing

Comparative Testing should use same particle size distribution for meaningful result

Time Minutes	Flow GPM	Pressure PSI	TSS mg/l	Percent Removal
1	75	1	127.8	95.9
2	69	2	122.2	96.1
3	44	5	129.8	96.1
4	24	6	127.4	95.9
5	22	6	103.5	96.7
6	16	7	100.5	96.7
7	12	8	106.8	96.5
8	9.5	9	100.2	96.8
9	8.0	9	89.1	97.2
10	8.0	9	58.2	98.1

Oil & Grease - EPA Method 1664

OIL TEST CRITERA

268 mg/l continually injected with 40 gallons per min. flow rate of water

Oil must be directly injected into filter with flowing water to give meaningful result.

A common ASTM Test for Fabrics only measures a fabrics ability to hold oil in static

Time Minutes	Total Flow Gallons	Pressure PSI	Oil & Grease mg/l	Percent Removal
Start	40	2.0	ND	100
5.0	200	2.0	ND	100
10	400	2.0	5.2	98.1
15	600	2.0	6.8	97.5
20	800	2.0	8.7	96.7
40	1600	2.0	10.4	96.1**
60	2400	2.0	15.8	94.1**