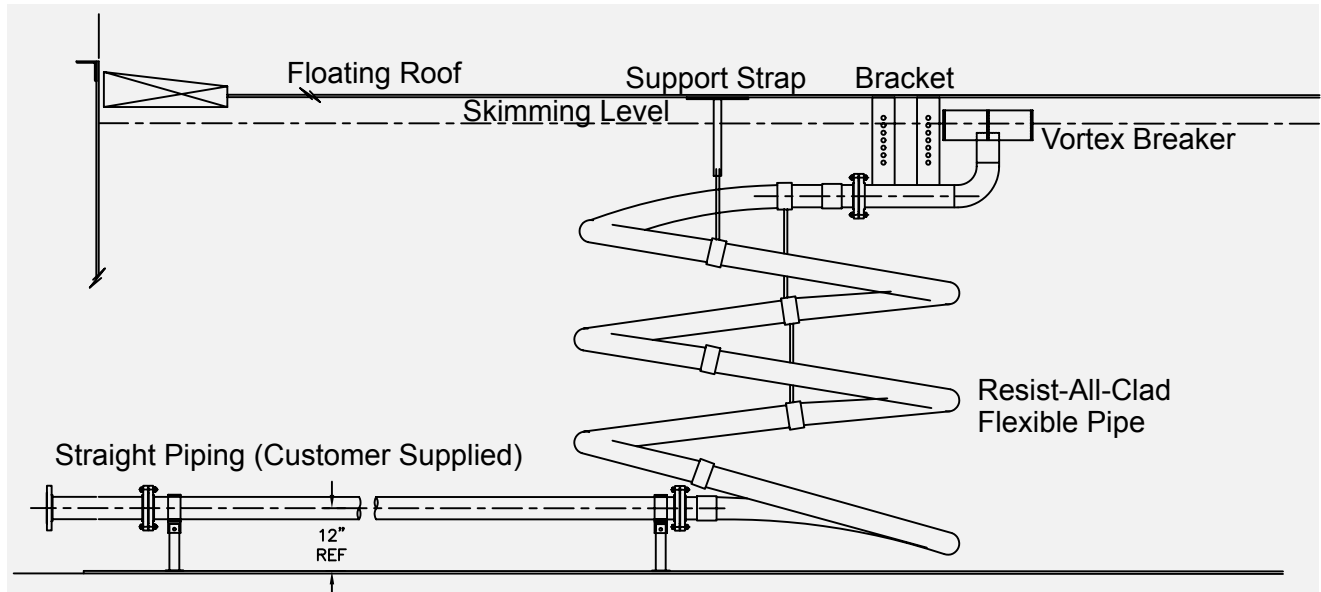


# Floating Roof Skimmers

## Remove Light Liquids from Storage Tanks

Floating Roof Skimmers remove a light liquid product from the top of a heavier liquid product in an external floating roof tank (EFRT) or internal floating roof tank (IFRT). The Skimmer is secured to the underside of the floating roof and is connected to the shell nozzle by Mesa's Resist-All-Clad™ flexible drain hose.



The Skimmer is attached to the roof by a bracket to keep the intake-to-roof distance constant. The Skimmer's vortex breaker ensures optimum flow as the fluid starts into the flexible drain hose. Resist-All-Clad™ flexible drain hose features 100% aromatic chemical resistance, smooth internal fluidway and repeating lay pattern. Support straps keep the hose in position as installed.

### Resist-All-Clad®

I.D.	WEIGHT PER COIL	MINIMUM WORKING BEND RADIUS	MAXIMUM WORKING PRESSURE	VACUUM RATING INCHES HG.	STANDARD TEMP. RANGE
2 in	42 lb	36 in	150 psi	29	- 40° F to 180° F
3 in	116 lb	48 in	150 psi	29	- 40° F to 180° F
4 in	207 lb	60 in	150 psi	29	- 40° F to 180° F
6 in	1,100 lb	90 in	130 psi	29	- 40° F to 180° F

**NOTE: All assemblies tested at 100 P.S.I.G. FOR ONE HOUR AND CERTIFIED (unless higher test pressure is requested by customer).**  
 \* Consult factory for Minimum Shipping Bend Radius.



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 9202 Meadow Vista Blvd.  
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 Phone: 281.469.8098  
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**West**  
 1726 South Magnolia Ave.  
 Monrovia, CA 91016-4595  
 Phone: 626.359.9361  
 Fax: 626.359.7985

# Floating Roof Skimmers

Remove Light Liquids from Storage Tanks

Flow rates shown are calculated for water in a 40 ft diameter tank. Somewhat higher rates can be expected with lighter, lower viscosity fluids. Larger tanks will yield slightly lower flow rates and smaller tanks will yield slightly higher rates. Rates do not allow for any flow restriction outside of the tank shell. Higher skimming rates can be obtained by using a pump down stream from the skimming line.

**Flow  
Rates**

**Resist-All-Clad®**

ID x NUMBER OF COILS

2" X 2	2" X 3	2" X 4	2" X 5	2" X 6	3" X 2	3" X 3	3" X 4	3" X 5	3" X 6	4" X 2	4" X 3	4" X 4	4" X 5
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GALLONS PER MINUTE

HEIGHT

HEIGHT	2" X 2	2" X 3	2" X 4	2" X 5	2" X 6	3" X 2	3" X 3	3" X 4	3" X 5	3" X 6	4" X 2	4" X 3	4" X 4	4" X 5
4 ft	39.8	36.8	34.3	32.3	30.6	103.7	94.9	88.1	82.5	77.9	199.6	180.9	166.6	155.2
6 ft	48.8	45	42	39.6	37.5	127	116.3	107.9	101	95.4	244.5	221.5	204	190.1
8 ft	56.3	52	48.5	45.7	43.3	146.7	134.3	124.5	116.7	110.1	282.3	255.8	235.6	219.5
10 ft	63	58.1	54.3	51.1	48.4	164	150.1	139.2	130.4	123.1	315.6	286	263.4	245.4
12 ft	69	63.7	59.4	56	53	179.7	164.4	152.5	142.9	134.9	345.8	313.3	288.5	268.9
14 ft	74.5	68	64.2	60.4	57.3	194.1	177.6	164.8	154.3	145.7	373.5	338.4	311.7	290.4
16 ft	79.7	73.5	68.6	64.6	61.2	207.4	189.9	176.1	165	155.8	399.3	361.8	333.2	310.5
18 ft	84.5	78	72.8	68.5	64.9	220	201.4	186.9	175	165.2	423.5	383.7	353.4	329.3
20 ft	89	82.2	76.8	72.2	68.4	231.9	212.3	198.9	184.5	174.1	446.4	404.5	372.5	347.1
22 ft	93.4	86.2	80.5	75.8	71.8	243.3	222.6	206.5	193.5	182.6	468.2	424.2	390.7	364
24 ft	97.6	90.1	84.1	79.1	75	254.1	232.5	215.7	202.1	190.7	489	443.1	408.1	380.2
26 ft	101.5	93.8	87.5	82.4	78	264.4	242	224.5	210.3	198.5	509	461.2	424.7	395.8
28 ft	105.4	97.3	90.8	85.5	81	274.4	251.2	233	218.3	206	528.2	478.6	440.8	410.7
30 ft	109	100.7	94	88.5	83.8	284.1	260	241.2	225.9	213.2	546.7	495.4	456.2	425.1
32 ft	112.7	104	97.1	91.4	86.6	293.4	268.5	249.1	233.3	220.2	564.6	511.6	471.2	439.1
34 ft	116	107.2	100.1	94.2	89.2	302.4	276.8	258.7	240.5	227	582	527.4	485.7	452.6
36 ft	119.5	110.3	103	96.9	91.8	311.2	284.8	264.2	247.5	233.6	598.9	542.7	499.8	465.7
40 ft	126	116.3	108.5	102.2	96.8	328	300.2	278.5	260.9	246.2	631.3	572	526.8	490.9
44 ft	132.1	122	113.8	107.2	101.5	344	314.9	292.1	273.6	258.2	662.1	600	552.5	514.8
48 ft	138	127.4	118.9	111.9	106	359.3	328.9	305.1	288.7	285.8	691.5	626.6	577.1	537.7

**Mesa**

ISO 9001:2000 certified

Division of  Mesa Industries, Inc

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