

SPECIFIER CHART TRITON FTC-TH (FULL TRASH CAPTURE)	INLET (ID) INSIDE DIMENSION Of Catch Basin	MEDIA REM - BFTG* FILTERED Flow Rate	MEDIA REM - FOG** FILTERED Flow Rate	MEDIA REM - FOG & BFTG*** FILTERED Flow Rate	TOTAL FILTER BYPASS Flow Rate	DEBRIS HOLDING CAPACITY
MODEL:	(inch x inch)	CFS	CFS	CFS	CFS	CUBIC FEET
Standard						
TR12RD-TH Configured with:	12" Dia. RD					
Cartridge: TR7-CART (4") (Shallow)		0.42	0.17	0.17	1.61	0.24
Cartridge: TR7-CART (8") § (Standard)		0.91	0.25	0.25	1.61	0.48
Cartridge: TR7-CART (16") (Deep)		1.72	0.5	0.5	1.61	0.96
TR1212-TH Configured with:	12" X 12"					
Cartridge: TR7-CART (4)		0.42	0.17	0.17	1.61	0.31
Cartridge: TR7-CART (8) § (Standard)		0.91	0.25	0.25	1.61	0.62
Cartridge: TR7-CART (16)		1.72	0.5	0.5	1.61	1.24
TR16RD-TH Configured with:	16" Dia. RD					
Cartridge: TR7-CART (4)		0.42	0.17	0.17	1.61	0.44
Cartridge: TR7-CART (8) § (Standard)		0.91	0.25	0.25	1.61	0.88
Cartridge: TR7-CART (16)		1.72	0.5	0.5	1.61	1.77
TR1616-TH Configured with:	16" X 16"					
Cartridge: TR7-CART (4)		0.42	0.17	0.17	1.61	0.57
Cartridge: TR7-CART (8) § (Standard)		0.91	0.25	0.25	1.61	1.14
Cartridge: TR7-CART (16)		1.72	0.5	0.5	1.61	2.28
TR18RD-TH Configured with:	18" Dia. RD					
Cartridge: TR10-CART (4)		0.77	0.19	0.19	5.14	0.52
Cartridge: TR10-CART (8) § (Standard)		1.63	0.38	0.38	5.14	1.04
Cartridge: TR10-CART (16)		3.07	0.79	0.79	5.14	2.08
TR1818-TH Configured with:	18" X 18"					
Cartridge: TR10-CART (4)		0.77	0.19	0.19	5.14	0.68
Cartridge: TR10-CART (8) § (Standard)		1.63	0.38	0.38	5.14	1.36
Cartridge: TR10-CART (16)		3.07	0.79	0.79	5.14	2.72
TR1824-TH Configured with:	18" X 24"					
Cartridge: TR10-CART (8) § (Standard)		1.63	0.38	0.38	5.14	1.86
Cartridge: TR10-CART (16)		3.07	0.79	0.79	5.14	3.72
Cartridge: TR10-CART (32)		5.2	1.61	1.61	5.14	7.44
TR2024-TH Configured with:	20" X 24"					
Cartridge: TR10-CART (8) § (Standard)		1.63	0.38	0.38	5.14	2.08
Cartridge: TR10-CART (16)		3.07	0.79	0.79	5.14	4.16
Cartridge: TR10-CART (32)		5.2	1.61	1.61	5.14	8.33
TR2424-TH Configured with:	24" X 24"					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	2.26
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	3.395
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	4.53
TR24RD-TH Configured with:	24" Dia. RD					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	2.26
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	3.395
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	4.53
TR2436-TH Configured with:	24" X 36"					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	3.6
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	5.4
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	7.2
TR30RD-TH Configured with:	30" Dia. RD					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	2.87
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	4.31
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	5.74
TR3030-TH Configured with:	30" X 30"					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	3.76
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	5.64
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	7.52

SPECIFIER CHART TRITON FTC-TH (FULL TRASH CAPTURE)	INLET (ID) INSIDE DIMENSION Of Catch Basin	MEDIA REM - BFTG* FILTERED Flow Rate	MEDIA REM - FOG** FILTERED Flow Rate	MEDIA REM - FOG & BFTG*** FILTERED Flow Rate	TOTAL FILTER BYPASS Flow Rate	DEBRIS HOLDING CAPACITY
MODEL:	(inch x inch)	CFS	CFS	CFS	CFS	CUBIC FEET
TR2448-TH Configured with:	24" X 48"					
Cartridge: TR14-CART (8) (Qty 2)		5.22	1.38	1.38	26.3	4.53
Cartridge: TR14-CART (12) (Qty 2) § (Standard)		6.02	2.12	2.12	26.3	6.8
Cartridge: TR14-CART (16) (Qty 2)		9.82	2.86	2.86	26.3	9.06
TR3636-TH Configured with:	36" X 36"					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	5.6
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	8.4
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	11.2
TR36RD-TH Configured with:	36" Dia. RD					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	4.71
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	7.07
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	9.43
TR3648-TH Configured with:	36" X 48"					
Cartridge: TR14-CART (8) (Qty 2)		5.22	1.38	1.38	26.3	7.1
Cartridge: TR14-CART (12) (Qty 2) § (Standard)		6.02	2.12	2.12	26.3	10.95
Cartridge: TR14-CART (16) (Qty 2)		9.82	2.86	2.86	26.3	14.8
TR42RD-TH Configured with:	42" Dia. RD					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	6
Cartridge: TR14-CART (12) § (Standard)		3.76	1.05	1.05	13.15	9
Cartridge: TR14-CART (16)		4.91	1.43	1.43	13.15	12
TR4848-TH Configured with:	48" X 48"					
Cartridge: TR24-CART (8)		4.85	1.22	1.22	51.29	9.21
Cartridge: TR24-CART (17) § (Standard)		10.3	2.42	2.42	51.29	19.6
Cartridge: TR24-CART (34)		20.59	4.84	4.84	51.29	39.2
TR48RD-TH Configured with:	48" Dia. RD					
Cartridge: TR24-CART (8)		4.85	1.22	1.22	51.29	8.38
Cartridge: TR24-CART (17) § (Standard)		10.3	2.42	2.42	51.29	17.8
Cartridge: TR24-CART (34)		20.59	4.84	4.84	51.29	35.6

Notes:

§ Standard cartridge configuration for the TRITON FTC (Full Trash Capture) Top Hat Series filter. Please specify if larger capacity cartridges are required. For shallow catch basins, choose the smaller cartridge heights. The cartridge heights are listed in the () of the model number. Top of cartridge should be mounted at least 4" to 6" below the bottom of the grate. This allows for adequate flow through the Overflow Port when needed.

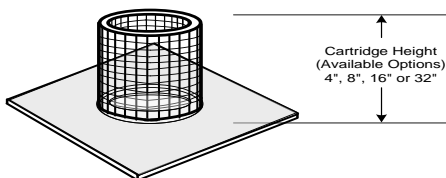
* REM - BFTG: Bioflex (BFTG) Media is designed to capture debris, trash and sediment while sustaining very high treatment rates. Mesh density of 3.5 ounces per square foot minimizes occlusion and blinding while capturing 100% of particles at 5mm or greater in size.

** REM - FOG: The FOG media is housed in a mono-filament weaved geotextile containment pack. FOG media effectively encapsulates liquefied petroleum hydrocarbons (Fats, Oils & Grease including animal fats). It's highly hydrophobic characteristic allows for increased polish of flow resulting in the reduction of Total Suspended Solids (TSS). TSS reduction includes (but is not limited to) debris, trash, silt, sediment and agglomerated heavy metals. REM- FOG is the standard media that is configured for Top Hats. Media options for other pollutants and particulate sizes are also available.

*** REM - FOG -BFTG: Media configuration utilizes both BFTG and FOG media strategies. The BFTG Media serves as a pre-screen to treat for larger debris, such as trash, leaves etc... The FOG media pack captures finer suspended solids and liquefied hydrocarbons.

**** Filter debris capacities can be modified to utilize the maximum dimensions of each specific catch basin. Volumes will either increase or decrease depending upon the size of the catch basin and the cartridge size used. Volume capacities that are shown are based on the catch basin filters Standard inside wall dimensions for that filter.

REM technical support is available to assist with TRITON Series filter configurations, media strategies and customization of models.



Revel Environmental Manufacturing Inc.

sales@remfilters.com (888) 526-4736 Lic. No. 857410

Northern California
960-B Detroit Avenue
Concord, California 94518
P: (925) 676-4736
F: (925) 676-8676

Southern California
2110 South Grand Avenue
Santa Ana, California 92705
P: (714) 557-2676
F: (714) 557-2679

Filter Series	Drawing No.	Date	Sheet
TRITON FTC-TH TOP HAT	TTH-FTC -0001	3/3/2014	2 of 2