

SPECIFIER CHART TRITON TOP HAT (TH) - DOWNSPOUT (DS) FILTERS	INLET (ID) INSIDE DIMENSION Of Catch Basin	MEDIA REM - FOG** Treatment Flow Rate	Trash Capture PERF-FTC*** (5mm) Treatment Flow Rate	MEDIA REM - BFTG* Treatment Flow Rate	TOTAL FILTER Bypass Flow Rate	DEBRIS HOLDING CAPACITY ****
MODEL:	(inch x inch)	CFS	CFS	CFS	CFS	CUBIC FEET
TR12RD-TH-DS Configured with:	12" Dia. RD					
Cartridge: TR7-CART (4") (Shallow)		0.17	1.11	0.29	1.61	0.24
Cartridge: TR7-CART (8") § (Standard)		0.25	2.22	0.58	1.61	0.48
TR1212-TH-DS Configured with:	12" X 12"					
Cartridge: TR7-CART (4)		0.17	1.11	0.29	1.61	0.31
Cartridge: TR7-CART (8) § (Standard)		0.25	2.22	0.58	1.61	0.62
TR16RD-TH-DS Configured with:	16" Dia. RD					
Cartridge: TR7-CART (4)		0.17	1.11	0.29	1.61	0.44
Cartridge: TR7-CART (8) § (Standard)		0.25	2.22	0.58	1.61	0.88
TR1616-TH-DS Configured with:	16" X 16"					
Cartridge: TR7-CART (4)		0.17	1.11	0.29	1.61	0.57
Cartridge: TR7-CART (8) § (Standard)		0.25	2.22	0.58	1.61	1.14
TR18RD-TH-DS Configured with:	18" Dia. RD					
Cartridge: TR10-CART (4)		0.19	1.59	0.42	5.14	0.52
Cartridge: TR10-CART (8) § (Standard)		0.38	3.18	0.84	5.14	1.04
TR1818-TH-DS Configured with:	18" X 18"					
Cartridge: TR10-CART (4)		0.19	1.59	0.42	5.14	0.68
Cartridge: TR10-CART (8) § (Standard)		0.38	3.18	0.84	5.14	1.36
TR1824-TH-DS Configured with:	18" X 24"					
Cartridge: TR10-CART (8) § (Standard)		0.38	3.18	0.84	5.14	1.86
TR2024-TH-DS Configured with:	20" X 24"					
Cartridge: TR10-CART (8) § (Standard)		0.38	3.18	0.84	5.14	2.08
TR2424-TH-DS Configured with:	24" X 24"					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	2.26
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	3.395
TR24RD-TH-DS Configured with:	24" Dia. RD					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	2.26
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	3.395
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	4.53
TR2436-TH-DS Configured with:	24" X 36"					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	3.6
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	5.4
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	7.2
TR30RD-TH-DS Configured with:	30" Dia. RD					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	2.87
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	4.31
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	5.74
TR3030-TH-DS Configured with:	30" X 30"					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	3.76
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	5.64
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	7.52

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MODEL:	(inch x inch)	CFS	CFS	CFS	CFS	CUBIC FEET
TR2448-TH-DS Configured with:	24" X 48"					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	3.76
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	5.64
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	7.52
TR3636-TH-DS Configured with:	36" X 36"					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	5.6
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	8.4
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	11.2
TR36RD-TH-DS Configured with:	36" Dia. RD					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	4.71
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	7.07
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	9.43
TR3648-TH-DS Configured with:	36" X 48"					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	4.71
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	7.07
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	9.43
TR42RD-TH-DS Configured with:	42" Dia. RD					
Cartridge: TR14-CART (8)		0.69	4.42	1.57	13.15	6
Cartridge: TR14-CART (12) § (Standard)		1.05	6.64	2.96	13.15	9
Cartridge: TR14-CART (16)		1.43	8.85	3.86	13.15	12
TR4848-TH-DS Configured with:	48" X 48"					
Cartridge: TR24-CART (8)		1.22	7.62	2.22	51.29	9.21
Cartridge: TR24-CART (16) § (Standard)		2.42	15.26	4.44	51.29	19.6
TR48RD-TH-DS Configured with:	48" Dia. RD					
Cartridge: TR24-CART (8)		1.22	7.62	2.22	51.29	8.38
Cartridge: TR24-CART (16) § (Standard)		2.42	15.26	4.44	51.29	17.8

Notes:

§ Standard cartridge configuration for the TRITON 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.

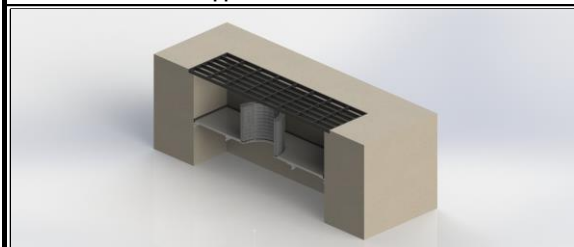
* REM - BFTG: Bioflex (BFTG) Media is designed to capture debris, trash and sediment while sustaining very high treatment rates. Mesh density of 3.5 ounces per square foot minimizes occlusion and blinding while capturing 100% of particles at 5mm or greater in size.

** 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.

*** PERF-FTC Cartridge configuration that meets the California State Water Resources Control Board 5mm Full Trash Capture specifications.

**** 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.



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Filter Series	Drawing No.	Date
TRITON TOP HAT TREATMENT RATES	TTH -0001	12/3/2023