

SPECIFIER CHART TRITON 180 & 360 SERIES FILTERS	FILTERING OF DOWNSPOUTS (1" THRU 8" Dia.) (2"SQ TO 8"SQ)	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)	CFS	CFS	CFS	CFS	CUBIC FEET
			Standard			
14" - 180 DOWNSPOUT FILTER	1" TO 10" Dia.					
TR14-180 (8" HT.)		1.3	0.35	0.35	6.58	0.19
TR14-180 (16" HT.)		2.59	0.72	0.72	6.58	0.39
TR14-180 (32" HT.)		5.18	1.45	1.45	6.58	0.83
24" - 180 DOWNSPOUT FILTER	1" TO 10" Dia.					
TR24-180 (17" HT.)		5.38	1.21	1.21	25.65	1.37
TR24-180 (34" HT.)		10.75	2.42	2.42	25.65	2.91
14" - 360 DOWNSPOUT FILTER	1" TO 10" Dia.					
TR14-360 (8" HT.)		2.59	0.69	0.69	13.15	0.385
TR14-360 (16" HT.)		5.18	1.43	1.43	13.15	0.78
TR14-360 (32" HT.)		10.36	2.9	2.9	13.15	1.66
24" - 360 DOWNSPOUT FILTER	1" TO 10" Dia.					
TR24-360 (17" HT.)		10.75	2.42	2.42	51.29	2.74
TR24-360 (34" HT.)		21.5	4.84	4.84	51.29	5.82

**Notes:**

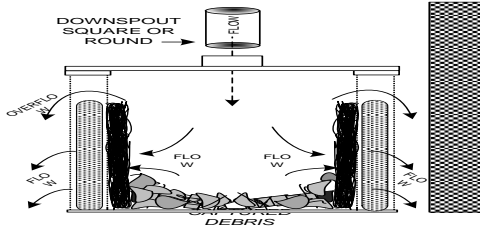
§ Standard cartridge configuration for the TRITON 180 & 360 Downspout Series filter. Please specify if larger capacity cartridges are required. The cartridge heights are listed in the ( ) of the model number. Depending upon available space and configuration of downspout, height adjustments can be made.

\* 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.

**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	Sheet
TRITON 180 & 360 FILTER	TDSF -0001	3/3/2013	1 of 1

<b>SPECIFIER CHART TRITON TOP HAT - DOWNSPOUT (DS) FILTERS</b>	<b>INLET (ID) INSIDE DIMENSION Of Catch Basin</b>	<b>MEDIA REM - BFTG* FILTERED Flow Rate</b>	<b>MEDIA REM - FOG** FILTERED Flow Rate</b>	<b>MEDIA REM - FOG &amp; BFTG*** FILTERED Flow Rate</b>	<b>TOTAL FILTER BYPASS Flow Rate</b>	<b>DEBRIS HOLDING CAPACITY</b>
<b>MODEL:</b>	<i>(inch x inch)</i>	<b>CFS</b>	<b>CFS</b>	<b>CFS</b>	<b>CFS</b>	<b>CUBIC FEET</b>
			<b>Standard</b>			
<b>TR12RD-TH-DS</b> <i>Configured with:</i>	<b>12" Dia. RD</b>					
Cartridge: TR7-CART (4") <b>(Shallow)</b>		0.42	0.17	0.17	1.61	0.24
Cartridge: TR7-CART (8") <b>§ (Standard)</b>		0.91	0.25	0.25	1.61	0.48
Cartridge: TR7-CART (16") <b>(Deep)</b>		1.72	0.5	0.5	1.61	0.96
<b>TR1212-TH-DS</b> <i>Configured with:</i>	<b>12" X 12"</b>					
Cartridge: TR7-CART (4)		0.42	0.17	0.17	1.61	0.31
Cartridge: TR7-CART (8) <b>§ (Standard)</b>		0.91	0.25	0.25	1.61	0.62
Cartridge: TR7-CART (16)		1.72	0.5	0.5	1.61	1.24
<b>TR16RD-TH-DS</b> <i>Configured with:</i>	<b>16" Dia. RD</b>					
Cartridge: TR7-CART (4)		0.42	0.17	0.17	1.61	0.44
Cartridge: TR7-CART (8) <b>§ (Standard)</b>		0.91	0.25	0.25	1.61	0.88
Cartridge: TR7-CART (16)		1.72	0.5	0.5	1.61	1.77
<b>TR1616-TH-DS</b> <i>Configured with:</i>	<b>16" X 16"</b>					
Cartridge: TR7-CART (4)		0.42	0.17	0.17	1.61	0.57
Cartridge: TR7-CART (8) <b>§ (Standard)</b>		0.91	0.25	0.25	1.61	1.14
Cartridge: TR7-CART (16)		1.72	0.5	0.5	1.61	2.28
<b>TR18RD-TH-DS</b> <i>Configured with:</i>	<b>18" Dia. RD</b>					
Cartridge: TR10-CART (4)		0.77	0.19	0.19	5.14	0.52
Cartridge: TR10-CART (8) <b>§ (Standard)</b>		1.63	0.38	0.38	5.14	1.04
Cartridge: TR10-CART (16)		3.07	0.79	0.79	5.14	2.08
<b>TR1818-TH-DS</b> <i>Configured with:</i>	<b>18" X 18"</b>					
Cartridge: TR10-CART (4)		0.77	0.19	0.19	5.14	0.68
Cartridge: TR10-CART (8) <b>§ (Standard)</b>		1.63	0.38	0.38	5.14	1.36
Cartridge: TR10-CART (16)		3.07	0.79	0.79	5.14	2.72
<b>TR1824-TH-DS</b> <i>Configured with:</i>	<b>18" X 24"</b>					
Cartridge: TR10-CART (8) <b>§ (Standard)</b>		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
<b>TR2024-TH-DS</b> <i>Configured with:</i>	<b>20" X 24"</b>					
Cartridge: TR10-CART (8) <b>§ (Standard)</b>		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
<b>TR2424-TH-DS</b> <i>Configured with:</i>	<b>24" X 24"</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	2.26
Cartridge: TR14-CART (16) <b>§ (Standard)</b>		4.91	1.43	1.43	13.15	4.53
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	9.06
<b>TR24RD-TH-DS</b> <i>Configured with:</i>	<b>24" Dia. RD</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	1.69
Cartridge: TR14-CART (16) <b>§ (Standard)</b>		4.91	1.43	1.43	13.15	3.39
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	6.77
<b>TR2436-TH-DS</b> <i>Configured with:</i>	<b>24" X 36"</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	3.6
Cartridge: TR14-CART (16) <b>§ (Standard)</b>		4.91	1.43	1.43	13.15	7.2
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	14.4
<b>TR30RD-TH-DS</b> <i>Configured with:</i>	<b>30" Dia. RD</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	2.87
Cartridge: TR14-CART (16) <b>§ (Standard)</b>		4.91	1.43	1.43	13.15	5.74
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	11.48
<b>TR3030-TH-DS</b> <i>Configured with:</i>	<b>30" X 30"</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	3.76
Cartridge: TR14-CART (16) <b>§ (Standard)</b>		4.91	1.43	1.43	13.15	7.52
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	15.04

SPECIFIER CHART TRITON TOP HAT - DOWNSPOUT (DS) FILTERS	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
<b>TR2448-TH-DS</b> Configured with:	<b>24" X 48"</b>					
Cartridge: TR14-CART (8) (Qty 2)		5.22	1.38	1.38	26.3	4.53
Cartridge: TR14-CART (16) (Qty 2) § (Standard)		9.82	2.86	2.86	26.3	9.06
Cartridge: TR14-CART (32) (Qty 2)		19.62	5.8	5.8	26.3	18.12
<b>TR3636-TH-DS</b> Configured with:	<b>36" X 36"</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	5.6
Cartridge: TR14-CART (16) § (Standard)		4.91	1.43	1.43	13.15	11.2
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	22.4
<b>TR36RD-TH-DS</b> Configured with:	<b>36" Dia. RD</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	4.71
Cartridge: TR14-CART (16) § (Standard)		4.91	1.43	1.43	13.15	9.43
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	18.9
<b>TR3648-TH-DS</b> Configured with:	<b>36" X 48"</b>					
Cartridge: TR14-CART (8) (Qty 2)		5.22	1.38	1.38	26.3	7.1
Cartridge: TR14-CART (16) (Qty 2) § (Standard)		9.82	2.86	2.86	26.3	14.8
Cartridge: TR14-CART (32) (Qty 2)		19.62	5.8	5.8	26.3	29.5
<b>TR42RD-TH-DS</b> Configured with:	<b>42" Dia. RD</b>					
Cartridge: TR14-CART (8)		2.61	0.69	0.69	13.15	6
Cartridge: TR14-CART (16) § (Standard)		4.91	1.43	1.43	13.15	12
Cartridge: TR14-CART (32)		9.81	2.9	2.9	13.15	24
<b>TR4848-TH-DS</b> Configured with:	<b>48" X 48"</b>					
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
<b>TR48RD-TH-DS</b> Configured with:	<b>48" Dia. RD</b>					
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 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.

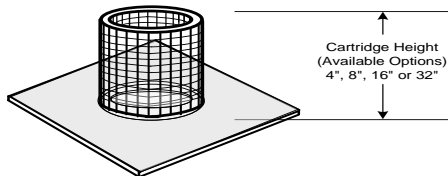
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\*\*\*\* Filter debris capacities can be modified to utilize the maximum dimensions of each specific catch basin. Volumes will either increase or decrease depending upon the size of the catch basin and the cartridge size used. Volume capacities that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

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TRITON TOP HAT - DOWNSPOUT	TTH-DS-0001	3/3/2013	2 of 2