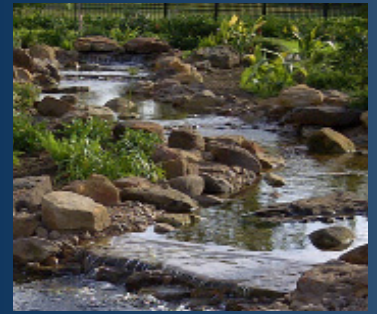
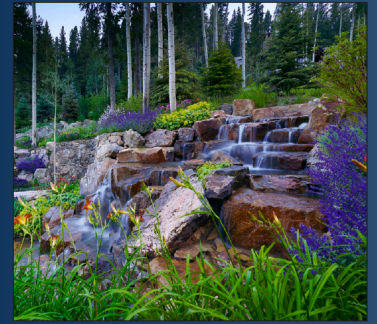


Sizing Tables

Natural Water Features



Products for Professional Water Features
FOUNTAINS • WATERFALLS • STREAMS • PONDS

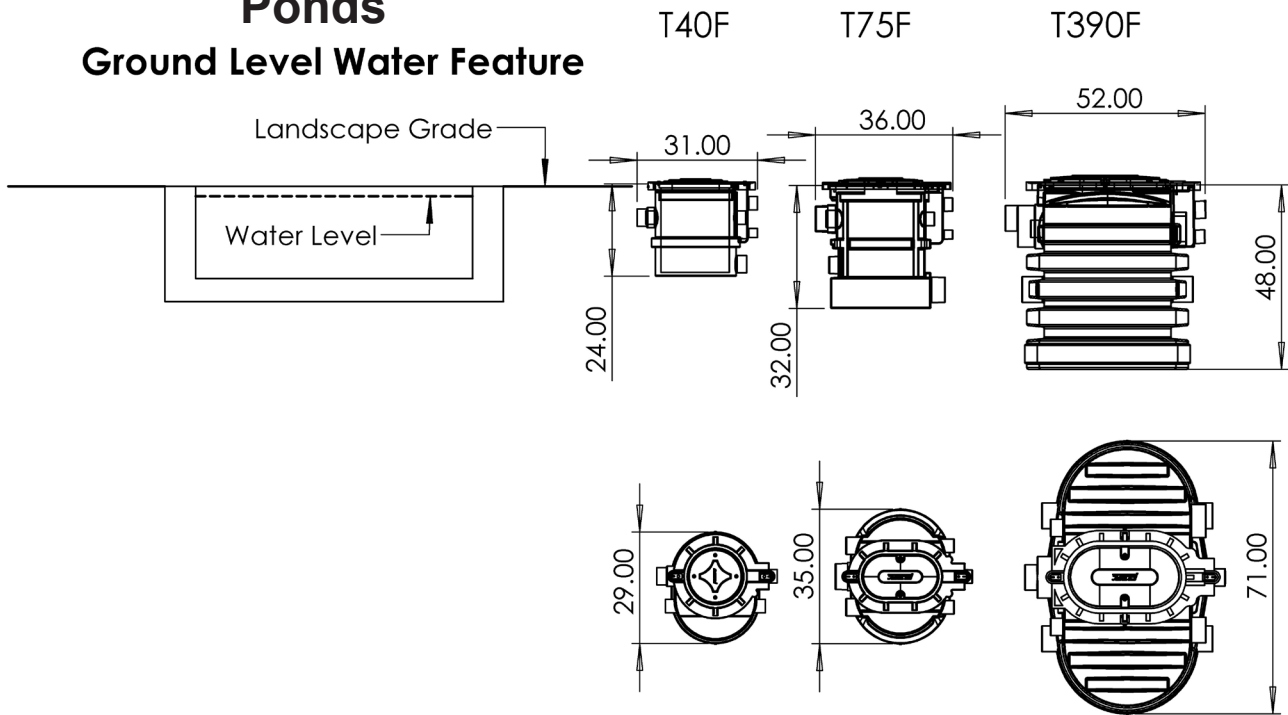
FILTRIFIC[®]

PRODUCT CATALOG | SYSTEM SIZING

Ground Level and Elevated Water Features

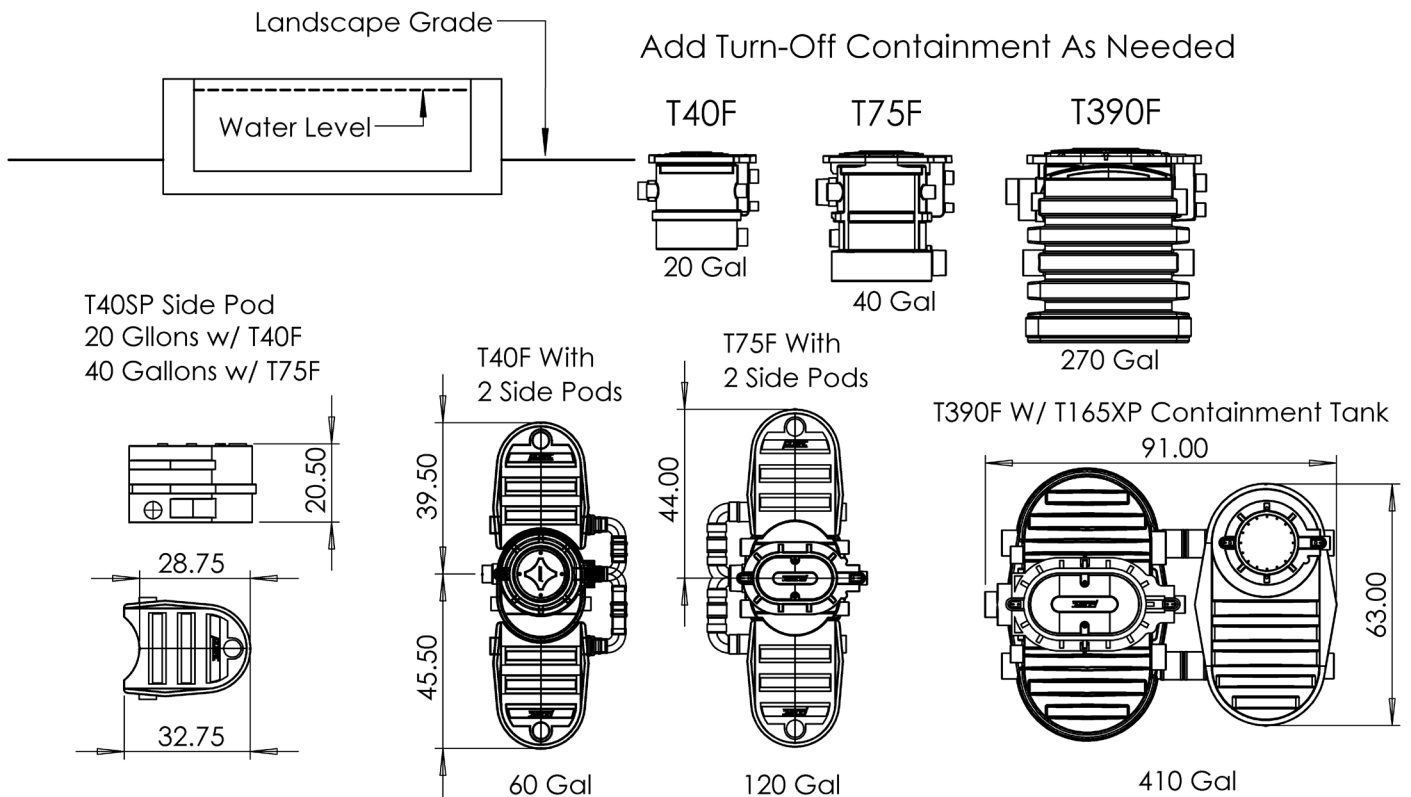
Ponds

Ground Level Water Feature



Streams

Elevated Water Feature



VANISHING WATER

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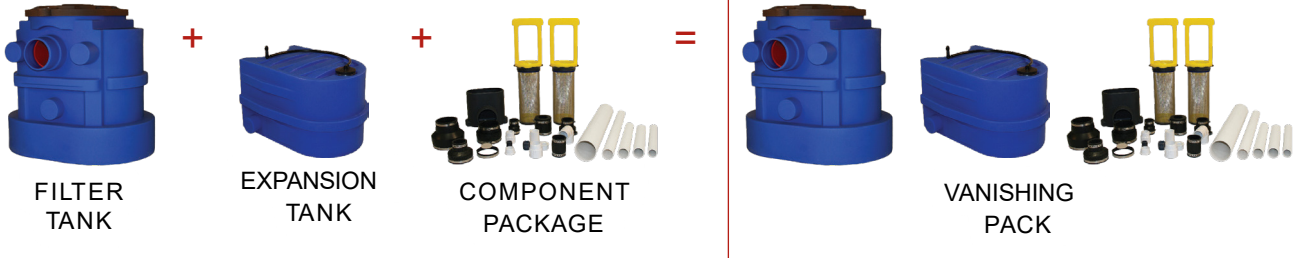
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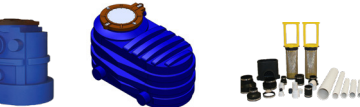

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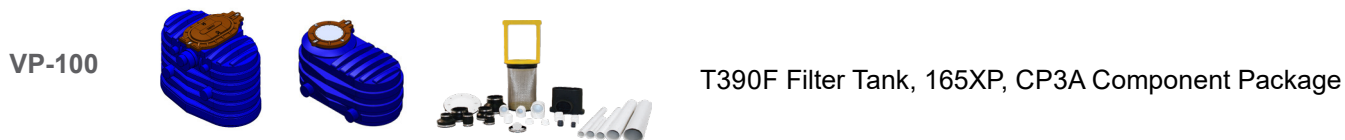
Filter Tank Dimensions.....22

WHAT'S IN A VANISHING PACK:

Component Packages are paired with a Filter Tank to create a Vanishing Pack. Vanishing Packs provide all the Filtrific® components and connection fittings necessary for a Filtrific® Vanishing Water™ System. Pump, liner, flex tubing, and Waterfall Starter are not included to allow for professional design flexibility.



- VP-5**  T40F Filter Tank, CPX Component Package
- VP-9**  T40F Filter Tank, T40SP Expansion Tank. CPX Component Package
- VP-10**  T75F Filter Tank, CPX Component Package
- VP-15**  T40F Filter Tank, (2) T40SP Expansion Tank, CPX Component Package
- VP-20**  T75F Filter Tank, T40SP Expansion Tank, CP1 Component Package
- VP-25**  T75F Filter Tank, (2) T40SP Expansion Tank, CP1 Component Package
- VP-30**  T75F Filter Tank, T165XP Expansion Tank. CP1 Component Package
- VP-70**  T390F Filter Tank, CP3A Component Package



VP-100

T390F Filter Tank, 165XP, CP3A Component Package



VP-140

T390F Filter Tank, (2) T165XP, CP3A Component Package



VP-180

T390F Filter Tank, (3) T165XP, CP3A Component Package

COMPONENT PACKAGES for use with Vanishing Packs



CPX COMPONENT PACKAGE

For use with the T40F Filter Tank GPM: 80

INCLUDES:

- 1 - 20 Mesh Filter Basket, E20-40
- 1 - Fixed Skimmer, S44
- 1 - Pump Discharge Kit, D01 (2" discharge for 1", 1-1/4" & 1-1/2" pump threads)
- 1 - Overflow Kit, F23-Q (includes 2" x 2-1/2' pipe)
- 1 - Intake Pipe, 4" x 2-1/2'

MODEL: CPX



CP1 COMPONENT PACKAGE

For use with the T75F Filter Tank GPM: 80

INCLUDES:

- 2 - 20 Mesh Filter Baskets, E20-75
- 1 - Fixed Skimmer, S64
- 1 - Pump Discharge Kit, D21-Q (2" discharge for 1", 1-1/4", 1-1/2" & 2" pump threads)
- 1 - Overflow Kit, F23-Q (includes 2" x 2-1/2' pipe)
- 1 - Intake Pipe, 4" x 2-1/2'

MODEL: CP1



CP2 COMPONENT PACKAGE

For use with the T75F Filter Tank GPM: 200

INCLUDES:

- 2 - 10 Mesh Filter Baskets, E10-75
- 1 - Fixed Skimmer, S66
- 1 - Pump Discharge Kit, D24-Q (3" discharge for 2" and 3" pump threads)
- 1 - Overflow Kit, F23-Q (includes 2" x 2-1/2' pipe)
- 1 - Intake Pipe, 6" x 2-1/2'

MODEL: CP2



CP3A COMPONENT PACKAGE

For use with the T390F Filter Tank GPM: 80

INCLUDES:

- 1 - 20 Mesh Filter Basket, E20-390
- 1 - 2nd Filter Plug, FCP-390
- 1 - Fixed Skimmer, S64
- 1 - Pump Discharge Kit, D31-Q (2" discharge for 1", 1-1/4", 1-1/2" & 2" pump threads)
- 1 - Overflow Kit, F34-Q (includes 3" x 3' pipe)
- 1 - Intake Pipe, 4" x 3'

MODEL: CP3A



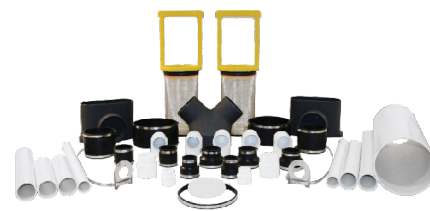
CP3B COMPONENT PACKAGE

For use with the T390F Filter Tank GPM: 200

INCLUDES:

- 2 - 10 Mesh Filter Baskets, E10-390
- 1 - Fixed Skimmer, S66
- 1 - Pump Discharge Kit, D34-Q (3" discharge for 2", & 3" pump threads)
- 1 - Overflow Kit, F34-Q (includes 3" x 3' pipe)
- 1 - Intake Pipe, 6" x 3'

MODEL: CP3B



CP4 COMPONENT PACKAGE

For use with the T390F Filter Tank GPM: 400

INCLUDES:

- 2 - 6 Mesh Filter Baskets, E6-390
- 1 - Dual Fixed Skimmer Assembly, S1066
- 2 - Pump Discharge Kit, D34-Q (3" discharge for 2" & 3" pump threads)
- 1 - Overflow Kit, F34-Q (includes 3" x 3' pipe)
- 1 - Intake Pipe, 10" x 3'

MODEL: CP4

COMPOSITION TABLE | COMPONENT PACKAGES

VANISHING PACK COMPOSITION TABLE for use with Vanishing Water™ & Rock Column Systems

STANDARD FLOW		
VP-5	T40F Filter Tank, CPX Component Package	9" residual in-tank water level
VP-9	T40F Filter Tank, T40SP Expansion Tank, CPX Component Package	
VP-10	T75F Filter Tank, CP1 Component Package	
VP-15	T40F Filter Tank, (2) T40SP Expansion Tanks, CPX Component Package	
VP-20	T75F Filter Tank, T40SP Expansion Tank, CP1 Component Package	
VP-25	T75F Filter Tank, (2) T40SP Expansion Tanks, CP1 Component Package	
VP-30	T75F Filter Tank, T165XP Expansion Tank, CP1 Component Package	
VP-70	T390F Filter Tank, CP3A Component Package	
VP-100	T390F Filter Tank, T165XP Expansion Tank, CP3A Component Package	
VP-140	T390F Filter Tank, (2) T165XP Expansion Tanks, CP3A Component Package	
VP-180	T390F Filter Tank, (3) T165XP Expansion Tanks, CP3A Component Package	
HIGH FLOW		
VP-10HF	T75F Filter Tank, CP2 Component Package	9" residual in-tank water level
VP-20HF	T75F Filter Tank, T40SP Expansion Tank, CP2 Component Package	
VP-25HF	T75F Filter Tank, (2) T40SP Expansion Tanks, CP2 Component Package	
VP-30HF	T75F Filter Tank, T165XP Expansion Tank, CP2 Component Package	
VP-70HF	T390F Filter Tank, CP3B Component Package	
VP-100HF	T390F Filter Tank, T165XP Expansion Tank, CP3B Component Package	
VP-140HF	T390F Filter Tank, (2) T165XP Expansion Tanks, CP3B Component Package	
VP-180HF	T390F Filter Tank, (3) T165XP Expansion Tanks, CP3B Component Package	
XTRA-HIGH FLOW		
VP-70XHF	T390F Filter Tank, CP4 Component Package	17.5" residual in-tank water level
VP-100XHF	T390F Filter Tank, T165XP Expansion Tank, CP4 Component Package	
VP-140XHF	T390F Filter Tank, (2) T165XP Expansion Tanks, CP4 Component Package	
VP-180XHF	T390F Filter Tank, (3) T165XP Expansion Tanks, CP4 Component Package	

GPM TABLE | WATERFALL FLOW

Width of Waterfall (feet)	1/4" Water Depth Over Falls (GPM)	1/2" Water Depth Over Falls (GPM)	3/4" Water Depth Over Falls (GPM)	1" Water Depth Over Falls (GPM)	1-1/4" Water Depth Over Falls (GPM)	1-1/2" Water Depth Over Falls (GPM)	2" Water Depth Over Falls (GPM)
1 ft.	4 GPM	13 GPM	24 GPM	36 GPM	51 GPM	67 GPM	103 GPM
2	9	26	47	73	102	134	206
3	13	39	71	109	152	200	308
4	18	51	94	145	203	267	411
5	23	64	118	181	254	334	514
6	27	77	142	218	305	401	617
7	32	90	165	254	356	468	720
8	36	103	189	291	406	534	823
9	41	116	213	327	457	601	925
10	45	129	236	364	508	667	1028

For help sizing larger or customized systems, call (800) 906-0604



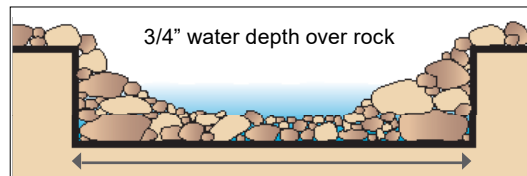
VANISHING WATER STREAMS

Use the following tables to find the Vanishing Pack that best suits the size of the system being constructed.

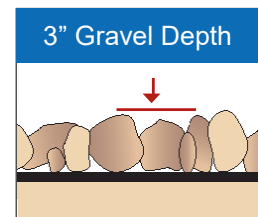
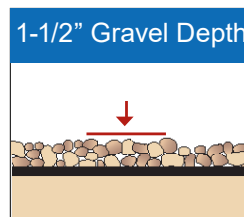
HOW TO USE THE TABLE:

Stream Width (measured from liner edge, to liner edge)

- 1 Choose the excavated stream width



- 2 Choose the stream length based on the gravel depth



- 3 Select the corresponding Vanishing Pack



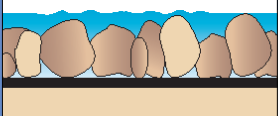
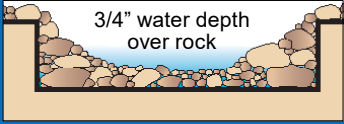
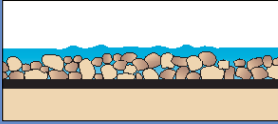
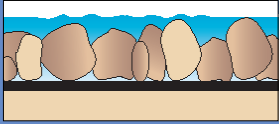

<div style="text-align: center;"> 1 Stream Width </div> 	<div style="text-align: center;"> 2 Stream Length (feet) </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  At 1-1/2" Gravel Depth </div> <div style="text-align: center;">  At 3" Gravel Depth </div> </div>		<div style="text-align: center;"> 3 Vanishing Pack Product Codes </div> 
Excavate 1 1/2 feet wide Waterfall 1/2 feet wide Pump Flow: 12 GPM	14 feet long	9 feet long	VP-5 : T40F, CPX
	29	17	VP-9 : T40F, CPX, T40SP, RC-44LL
	29	17	VP-10 : T75F, CP1
	43	26	VP-15 : T40F, (2) T40SP, CPX, RC-44LTL
	57	34	VP-20 : T75F, T40SP, RC-44LL, CP1
Excavate 2 feet wide Waterfall 1 feet wide Pump Flow: 24 GPM	11 feet long	6 feet long	VP-5 : T40F, CPX :
	21	13	VP-9: T40F, CPX, T40SP, RC-44LL
	21	13	VP-10: T75F, CP1
	32	19	VP-15: T40F, (2) T40SP, CPX, RC-44LTL
	43	26	VP-20: T75F, T40SP, RC-44LL, CP1
Excavate 2 1/2 feet wide Waterfall 1 1/2 feet wide Pump Flow: 36 GPM	64	39	VP-25: T75F, (2) T40SP, RC-44LTL, CP1
	17 feet long	10 feet long	VP-9: T40F, CPX, T40SP, RC-44LL
	17	10	VP-10: T75F, CP1
	26	15	VP-15: T40F, (2) T40SP, CPX, RC-44LTL
	34	21	VP-20: T75F, T40SP, RC-44LL, CP1
	51	31	VP-25: T75F, (2) T40SP, RC-44LTL, CP1
	58	35	VP-30: T75F, T165XP, CP1
	116	69	VP-70: T390F, CP3A
	175	105	VP-100: T390F, T165XP, CP3A
	235	141	VP-140: T390F, (2) T165XP, CP3A
295	177	VP-180: T390F, (3) T165XP, CP3A	
Excavate 3 feet wide Waterfall 2 feet wide Pump Flow: 47 GPM	14 feet long	9 feet long	VP-9: T40F, CPX, T40SP, RC-44LL
	14	9	VP-10: T75F, CP1
	21	13	VP-15: T40F, (2) T40SP, CPX, RC-44LTL :
	29	17	VP-20: T75F, T40SP, RC-44LL, CP1
	43	26	VP-25: T75F, (2) T40SP, RC-44LTL, CP1
	48	29	VP-30: T75F, T165XP, CP1
	96	58	VP-70: T390F, CP3A
	146	88	VP-100: T390F, T165XP, CP3A
	196	118	VP-140: T390F, (2) T165XP, CP3A

table continued on next page ►

STREAMS | SIZING TABLES

<p style="text-align: center;">1</p> <p style="text-align: center;">Stream Width</p> 	<p style="text-align: center;">2</p> <p style="text-align: center;">Stream Length (feet)</p>   <p style="text-align: center;">At 1-1/2" Gravel Depth At 3" Gravel Depth</p>		<p style="text-align: center;">3</p> <p style="text-align: center;">Vanishing Pack Product Codes</p> 
<p>Excavate 4 feet wide</p> <p>Waterfall 3 ft wide</p> <p>Pump Flow: 71 GPM</p>	<p>11 feet long</p> <p>21</p> <p>32</p> <p>36</p> <p>72</p> <p>110</p> <p>147</p> <p>184</p>	<p>6 feet long</p> <p>13</p> <p>19</p> <p>22</p> <p>43</p> <p>66</p> <p>88</p> <p>111</p>	<p>VP-10HF : T75F, CP2</p> <p>VP-20HF : T75F, T40SP, RC-44LL, CP2</p> <p>VP-25HF : T75F, (2) T40SP, RC-44LTL, CP2</p> <p>VP-30HF : T75F, T165XP, CP2</p> <p>VP-70HF : T390F, CP3B</p> <p>VP-100HF : T390F, T165XP, CP3B</p> <p>VP-140HF : T390F, (2) T165XP, CP3B</p> <p>VP-180HF : T390F, (3) T165XP, CP3B</p>
<p>Excavate 5 feet wide</p> <p>Waterfall 4 ft wide</p> <p>Pump Flow: 94 GPM</p>	<p>9 feet long</p> <p>17</p> <p>26</p> <p>29</p> <p>58</p> <p>88</p> <p>118</p> <p>148</p>	<p>5 feet long</p> <p>10</p> <p>15</p> <p>17</p> <p>35</p> <p>53</p> <p>71</p> <p>89</p>	<p>VP-10HF : T75F, CP2</p> <p>VP-20HF : T75F, T40SP, RC-44LL, CP2</p> <p>VP-25HF : T75F, (2) T40SP, RC-44LTL, CP2</p> <p>VP-30HF : T75F, T165XP, CP2</p> <p>VP-70HF : T390F, CP3B</p> <p>VP-100HF : T390F, T165XP, CP3B</p> <p>VP-140HF : T390F, (2) T165XP, CP3B</p> <p>VP-180HF : T390F, (3) T165XP, CP3B</p>
<p>Excavate 6 feet wide</p> <p>Waterfall 5 ft wide</p> <p>Pump Flow: 118 GPM</p>	<p>7 feet long</p> <p>14</p> <p>21</p> <p>24</p> <p>48</p> <p>73</p> <p>98</p> <p>123</p>	<p>4 feet long</p> <p>9</p> <p>13</p> <p>14</p> <p>29</p> <p>44</p> <p>59</p> <p>74</p>	<p>VP-10HF : T75F, CP2</p> <p>VP-20HF : T75F, T40SP, RC-44LL, CP2</p> <p>VP-25HF : T75F, (2) T40SP, RC-44LTL, CP2</p> <p>VP-30HF : T75F, T165XP, CP2</p> <p>VP-70HF : T390F, CP3B</p> <p>VP-100HF : T390F, T165XP, CP3B</p> <p>VP-140HF : T390F, (2) T165XP, CP3B</p> <p>VP-180HF : T390F, (3) T165XP, CP3B</p>
<p>Excavate 8 feet wide</p> <p>Waterfall 7 ft wide</p> <p>Pump Flow: 165 GPM</p>	<p>36 feet long</p> <p>55</p> <p>74</p> <p>92</p>	<p>22 feet long</p> <p>33</p> <p>44</p> <p>55</p>	<p>VP-70HF : T390F, CP3B</p> <p>VP-100HF : T390F, T165XP, CP3B</p> <p>VP-140HF : T390F, (2) T165XP, CP3B</p> <p>VP-180HF : T390F, (3) T165XP, CP3B</p>

table continued on next page ►

<p style="text-align: center;">1</p> <p style="text-align: center;">Stream Width</p>  <p style="text-align: center;">3/4" water depth over rock</p>	<p style="text-align: center;">2</p> <p style="text-align: center;">Stream Length (feet)</p>   <p style="text-align: center;">At 1-1/2" Gravel Depth At 3" Gravel Depth</p>		<p style="text-align: center;">3</p> <p style="text-align: center;">Vanishing Pack Product Codes</p> 
<p>Excavate 10 feet wide</p> <p>Waterfall 9 ft wide</p> <p>Pump Flow: 213 GPM</p>	21 feet long	13 feet long	VP-70HF : T390F, CP3B
	36	21	VP-100HF : T390F, T165XP, CP3B
	51	30	VP-140HF : T390F, (2) T165XP, CP3B
	66	39	VP-180HF : T390F, (3) T165XP, CP3B
<p>Excavate 15 feet wide</p> <p>Waterfall 14 ft wide</p> <p>Pump Flow: 330 GPM</p>	14 feet long	8 feet long	VP-70HF : T390F, CP3B
	24	14	VP-100HF : T390F, T165XP, CP3B
	34	20	VP-140HF : T390F, (2) T165XP, CP3B
	44	26	VP-180HF : T390F, (3) T165XP, CP3B

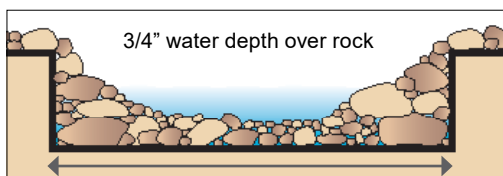


VANISHING WATER | VANISHING POOL WITH STREAM

Use the following tables to find the Vanishing Pack that best suits the size of the system being constructed.

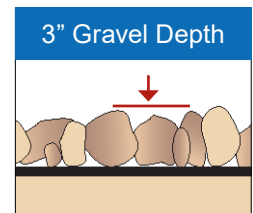
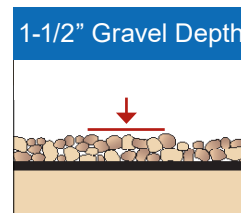
HOW TO USE THE TABLE:

- 1** Choose the excavated stream width

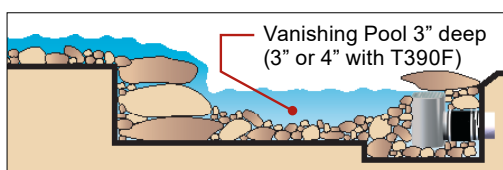


Stream Width (measured from liner edge, to liner edge)

- 2** Choose the stream length based on the gravel depth



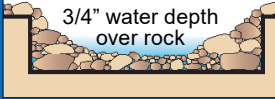

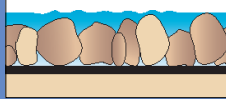


- 3** Reference the vanishing pool size



- 4** Select the corresponding Vanishing Pack



SIZING TABLES | VANISHING POOL & STREAM

1 Stream Width 	2 Stream Length (feet)  		3 Vanishing Pool (sq. ft) 	4 Vanishing Pack Product Codes 
	At 1-1/2" Gravel Depth	At 3" Gravel Depth	Pool Depth: 3" : T75F / Pool Depth: 4" : T390F	

Excavated 1 1/2 feet wide Waterfall 1/2 feet wide Pump Flow: 12 GPM	15 feet long	9 feet long	10 / NA	VP-9 : T40F, CPX, T40SP, RC-44LL
	15	9	10 / NA	VP-10 : T75F, CP1
	23	14	15 / NA	VP-15 : T40F, (2) T40SP, CPX, RC-44LTL
	30	18	20 / NA	VP-20 : T75F, T40SP, RC-44LL, CP1
Excavated 2 feet wide Waterfall 1 ft wide Pump Flow: 24 GPM	11 feet long	7 feet long	10 / NA	VP-9 : T40F, CPX, T40SP, RC-44LL
	11	7	10 / NA	VP-10 : T75F, CP1
	17	10	15 / NA	VP-15 : T40F, (2) T40SP, CPX, RC-44LTL
	17	14	20 / NA	VP-20 : T75F, T40SP, RC-44LL, CP1
2 1/2 feet wide Waterfall 1 1/2 feet wide Pump Flow: 36 GPM	9 feet long	5 feet long	10 / NA	VP-9 : T40F, CPX, T40SP, RC-44LL
	9	5	10 / NA	VP-10 : T75F, CP1
	14	8	15 / NA	VP-15 : T40F, (2) T40SP, CPX, RC-44LTL
	18	11	20 / NA	VP-20 : T75F, T40SP, RC-44LL, CP1
	31	19	25 / NA	VP-25 : T75F, (2) T40SP, RC-44LTL, CP1
	34	20	30 / NA	VP-30 : T75F, T165XP, CP1
	60	36	70 / 52	VP-70 : T390F, CP3A
	95	57	100 / 75	VP-100 : T390F, T165XP, CP3A
3 feet wide Waterfall 2 ft wide Pump Flow: 47 GPM	8 feet long	5 feet long	10 / NA	VP-9 : T40F, CPX, T40SP, RC-44LL
	8	5	10 / NA	VP-10 : T75F, CP1
	11	7	15 / NA	VP-15 : T40F, (2) T40SP, CPX, RC-44LTL
	15	9	20 / NA	VP-20 : T75F, T40SP, RC-44LL, CP1
	26	16	25 / NA	VP-25 : T75F, (2) T40SP, RC-44LTL, CP1
	28	17	30 / NA	VP-30 : T75F, T165XP, CP1
3 feet wide Waterfall 2 ft wide Pump Flow: 47 GPM	50	30	70 / 52	VP-70 : T390F, CP3A
	80	48	100 / 75	VP-100 : T390F, T165XP, CP3A
	103	62	140 / 105	VP-140 : T390F, (2) T165XP, CP3A
	126	76	180 / 135	VP-180 : T390F, (3) T165XP, CP3A

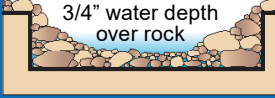
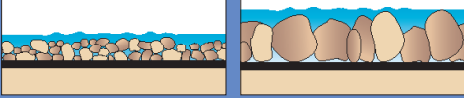


table continued on next page ►

VANISHING POOL & STREAM | SIZING TABLES

<div style="text-align: center;"> 1 Stream Width  </div>	<div style="text-align: center;"> 2 Stream Length (feet)   </div>		<div style="text-align: center;"> 3 Vanishing Pool (sq. ft)  </div>	<div style="text-align: center;"> 4 Vanishing Pack Product Codes  </div>
Excavate 4 feet wide Waterfall 3 ft wide Pump Flow: 71 GPM	At 1-1/2" Gravel Depth 6 feet long 11 20 21 37 60 77 94	At 3" Gravel Depth 3 feet long 7 12 13 22 36 46 57	Pool Depth: 3" : T75F / Pool Depth: 4" : T390F 10 / NA 20 / NA 25 / NA 30 / NA 70 / 52 100 / 75 140 / 105 180 / 135	VP-10HF : T75F, CP2 VP-20HF : T75F, T40SP, RC-44LL, CP2 VP-25HF : T75F, (2) T40SP, RC-44LTL, CP2 VP-30HF : T75F, T165XP, CP2 VP-70HF : T390F, CP3B VP-100HF : T390F, T165XP, CP3B VP-140HF : T390F, (2) T165XP, CP3B VP-180HF : T390F, (3) T165XP, CP3B
Excavate 5 feet wide Waterfall 4 ft wide Pump Flow: 94 GPM	5 feet long 9 16 17 30 47 61 75	3 feet long 5 9 10 18 29 37 45	10 / NA 20 / NA 25 / NA 30 / NA 70 / 52 100 / 75 140 / 105 180 / 135	VP-10HF : T75F, CP2 VP-20HF : T75F, T40SP, RC-44LL, CP2 VP-25HF : T75F, (2) T40SP, RC-44LTL, CP2 VP-30HF : T75F, T165XP, CP2 VP-70HF : T390F, CP3B VP-100HF : T390F, T165XP, CP3B VP-140HF : T390F, (2) T165XP, CP3B VP-180HF : T390F, (3) T165XP, CP3B
Excavate 6 feet wide Waterfall 5 ft wide Pump Flow: 118 GPM	4 feet long 8 13 14 25 40 51 63	2 feet long 5 8 8 15 24 31 38	10 / NA 20 / NA 25 / NA 30 / NA 70 / 52 100 / 75 140 / 105 180 / 135	VP-10HF : T75F, CP2 VP-20HF : T75F, T40SP, RC-44LL, CP2 VP-25HF : T75F, (2) T40SP, RC-44LTL, CP2 VP-30HF : T75F, T165XP, CP2 VP-70HF : T390F, CP3B VP-100HF : T390F, T165XP, CP3B VP-140HF : T390F, (2) T165XP, CP3B VP-180HF : T390F, (3) T165XP, CP3B
Excavate 8 feet wide Waterfall 7 ft wide Pump Flow: 165 GPM	19 feet long 30 39 47	11 feet long 18 23 28	70 / 52 100 / 75 140 / 105 180 / 135	T VP-70HF : 390F, CP3B VP-100HF : T390F, T165XP, CP3B VP-140HF : T390F, (2) T165XP, CP3B VP-180HF : T390F, (3) T165XP, CP3B

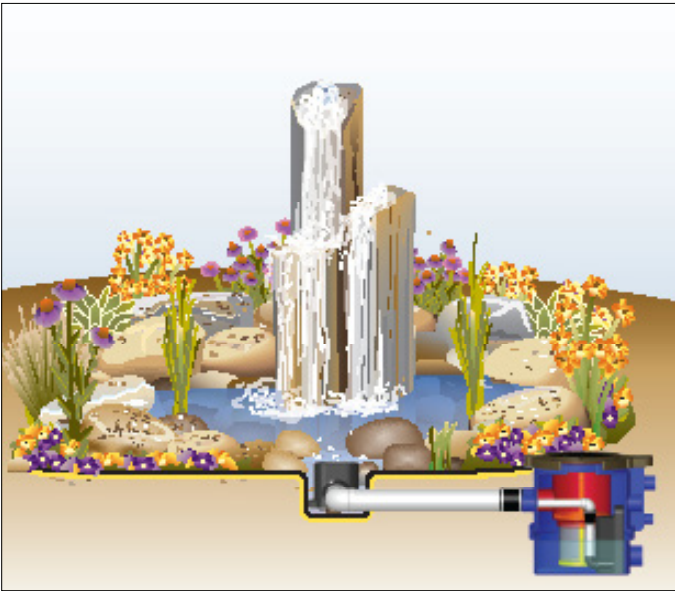
table continued on next page ►

SIZING TABLES | VANISHING POOL & STREAM

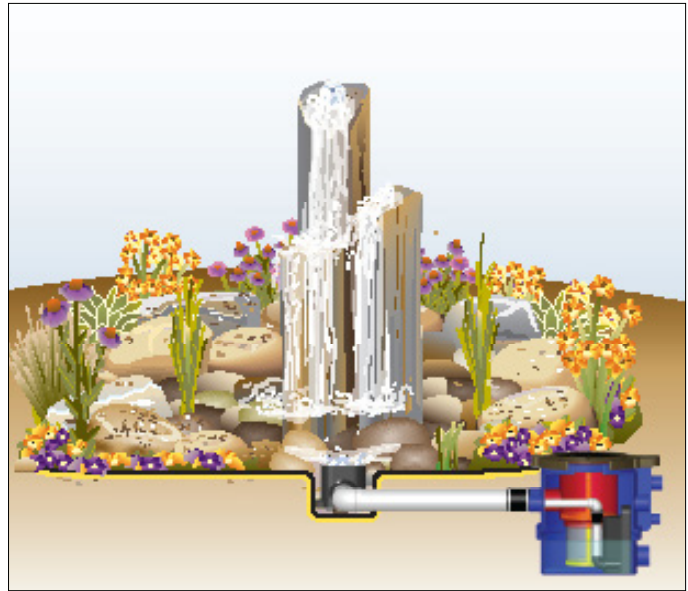
<div style="text-align: center;"> 1 Stream Width </div> 	<div style="text-align: center;"> 2 Stream Length (feet) </div>  <div style="display: flex; justify-content: space-around; font-size: 10pt;"> At 1-1/2" Gravel Depth At 3" Gravel Depth </div>		<div style="text-align: center;"> 3 Vanishing Pool (sq. ft) </div>  <div style="font-size: 10pt;"> Pool Depth: 3" : T75F / Pool Depth: 4" : T390F </div>	<div style="text-align: center;"> 4 Vanishing Pack Product Codes </div> 
Excavate 10 feet wide Waterfall 9 ft wide Pump Flow: 213 GPM	7 feet long 16 23 30	4 feet long 10 14 18	70 / 52 100 / 75 140 / 105 180 / 135	VP-70XHF : T390F, CP4 VP-100XHF : T390F, T165XP, CP4 VP-140XHF : T390F, (2) T165XP, CP4 VP-180XHF : T390F, (3) T165XP, CP4
Excavate 15 feet wide Waterfall 14 ft wide Pump Flow: 330 GPM	5 feet long 11 15 20	3 feet long 6 9 12	70 / 52 100 / 75 140 / 105 180 / 135	VP-70XHF : T390F, CP4 VP-100XHF : T390F, T165XP, CP4 VP-140XHF : T390F, (2) T165XP, CP4 VP-180XHF : T390F, (3) T165XP, CP4

For help sizing larger or customized systems,
call (800) 906-0604

WITH OR WITHOUT A VANISHING POOL



WITH A VANISHING POOL
The water falls into a shallow vanishing pool that completely disappears when turned off.



WITHOUT A VANISHING POOL
The water falls directly onto rock without a vanishing pool at the base.

ROCK COLUMN WITHOUT A POOL

HOW TO USE THE TABLE:

- Pick the max GPM
- Select the corresponding Vanishing Pack

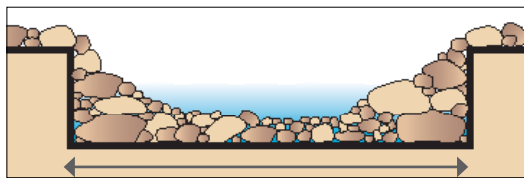
MAX GPM	VANISHING PACK
80 (65 suggested)	T40F, CPX : VP-5
80	T75F, CP1 : VP-10
200	T75F, CP2 : VP-10HF
400	T390F, CP4 : VP-70XHF



ROCK COLUMNS | VANISHING POOL

1 Pool Area (sq. ft.)		2 MAX Pump GPM	3 Vanishing Pack
			<p>See Page 63 for more information</p>
3" Water Depth	4" Water Depth		
21 sq. ft.	NA	80 GPM	VP-10 : T75F, CP1
43	NA	80	VP-20 : T75F, T40SP, RC-44LL, CP1
64	NA	80	VP-25 : T75F, (2) T40SP, RC-44LTL, CP1
72	NA	80	VP-30 : T75F, T165XP, CP1
144	108	80	VP-70 : T390F, CP3A
144	108	200	VP-70HF : T390F, CP3B
104	78	400	VP-70XHF : T390F, CP4
219	164	80	VP-100 : T390F, T165XP, CP3A
219	164	200	VP-100HF : T390F, T165XP, CP3B
179	134	400	VP-100XHF : T390F, T165XP, CP4
294	221	80	VP-140 : T390F, (2) T165XP, CP3A
294	221	200	VP-140HF : T390F, (2) T165XP, CP3B
254	191	400	VP-140HF : T390F, (2) T165XP, CP4
369	277	80	VP-180 : T390F, (3) T165XP, CP3A
369	277	200	VP-180HF : T390F, (3) T165XP, CP3B
329	247	400	VP-180XHF : T390F, (3) T165XP, CP4

For more information on Vanishing Packs see page: 78



Pool Width (measured from liner edge, to liner edge)



1

Pick the depth and select the surface area of the vanishing pool

2

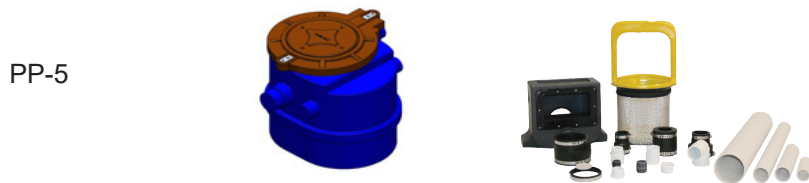
Reference the maximum pump GPM

3

Select the corresponding Vanishing Pack

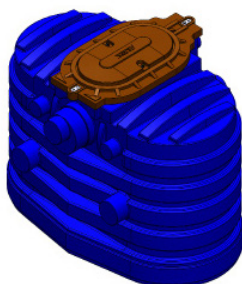
WHAT'S IN A POND PACK:

Component Packages are paired with a Filter Tank to create a Pond Pack. Pond Packs provide all the Filtrific® components and connection fittings needed for a Filtrific® Pond System. Pump, liner, flex tubing, and Waterfall Starter are not included to allow for professional design flexibility.



In very large natural pond applications, two S66D Door Skimmers can connect to the 10" intake port on the T390F Filter Tank.

Customize Based on Total Waterflow



Large Door Skimmer
GPM: 160 Each
MODEL: S66D



COMPONENT PACKAGES for use with Pond Packs



CPY COMPONENT PACKAGE

• For use with the T40F Filter Tank
GPM: 80 (Suggested 65)

INCLUDES:

- 1 - 10 Mesh Filter Basket, E10-40
- 1 - Door Skimmer, S44D
- 1 - Pump Discharge Kit, D01
(2" discharge for 1", 1-1/4", & 1-1/2" pump threads)
- 1 - Overflow Kit, F23-Q
(includes 2" x 2-1/2' pipe)
- 1 - Intake Pipe, 4" x 2-1/2'

MODEL: CPY



CP5 COMPONENT PACKAGE

• For use with the T75F Filter Tank
GPM: 80

INCLUDES:

- 2 - 10 Mesh Filter Baskets, E10-75
- 1 - Door Skimmer, S64D
- 1 - Pump Discharge Kit, D21-Q
(2" discharge for 1", 1-1/4", 1-1/2" & 2" pump threads)
- 1 - Overflow Kit, F23-Q
(includes 2" x 2-1/2' pipe)
- 1 - Intake Pipe, 4" x 2-1/2'

MODEL: CP5



CP6 COMPONENT PACKAGE

• For use with the T75F Filter Tank
GPM: 160

INCLUDES:

- 2 - 10 Mesh Filter Baskets, E10-75
- 1 - Door Skimmer, S66D
- 1 - Pump Discharge Kit, D24-Q
(3" discharge for 2" and 3" pump threads)
- 1 - Overflow Kit, F23-Q
(includes 2" x 2-1/2' pipe)
- 1 - Intake Pipe, 6" x 2-1/2'

MODEL: CP6



CP3A-NS COMPONENT PACKAGE

For use with the T390F Filter Tank
GPM: 80

INCLUDES:

- 1 - 20 Mesh Filter Basket, E20-390
- 1 - 2nd Filter Plug, FCP390
- 1 - 6" x 4" Flex-Coupling, RC-64
- 1 - 4" Rubber Collar, RC-4
- 1 - Pump Discharge Kit, D31-Q
(2" discharge for 1", 1-1/4", 1-1/2" & 2" pump threads)
- 1 - Overflow Kit, F34 (includes 3" x 3' pipe)
- 1 - Intake Pipe, 4" x 3'

MODEL: CP3A-NS



CP3B-NS COMPONENT PACKAGE

For use with the T390F Filter Tank
GPM: 200

INCLUDES:

- 2 - 10 Mesh Filter Baskets, E10-390
- 1 - 6" x 6" Flex-Coupling, RC-66
- 1 - 6" Rubber Collar, RC-6
- 1 - Pump Discharge Kit, D34-Q
(3" discharge for 2", & 3" pump threads)
- 1 - Overflow Kit, F34 (includes 3" x 3' pipe)
- 1 - Intake Pipe, 6" x 3'

MODEL: CP3B-NS



CP4-NS COMPONENT PACKAGE

For use with the T390F Filter Tank

GPM: 700

INCLUDES:

- 2 - 6 Mesh Filter Baskets, E6-390
- 1 - 10" x 10" Flex-Coupling, RC-1010
- 1 - 10" Rubber Collar, RC-10
- 2 - Pump Discharge Kit, D34-Q (3" discharge for 2" & 3" pump threads)
- 1 - Overflow Kit, F34 (includes 3" x 3' pipe)
- 1 - Intake Pipe, 10" x 3'

MODEL: CP4-NS



PONDS | PONDS WITH A WATERFALL AND MINIMAL STREAM

Use the following tables to find the Pond Pack that best suits the size of the system being constructed. For more information about the contents of a Pond Pack refer to page 66.

HOW TO USE THE TABLE:

- 1 Choose the width of the waterfall
- 2 Choose the water depth over the falls
- 3 Select the corresponding GPM
- 4 Once the GPM has been determined use the pond pack composition table to select the appropriate Pond Pack



POND WATERFALL PUMPING GUIDE (IN GPM) **2**

Width of Waterfall (feet)	1/4" Water Depth Over Falls (GPM)	1/2" Water Depth Over Falls (GPM)	3/4" Water Depth Over Falls (GPM)	1" Water Depth Over Falls (GPM)	1-1/4" Water Depth Over Falls (GPM)	1-1/2" Water Depth Over Falls (GPM)	2" Water Depth Over Falls (GPM)
1 ft.	4 GPM	13 GPM	24 GPM	36 GPM	51 GPM	67 GPM	103 GPM
2	9	26	47	73	102	134	206
3	13	39	71	109	152	200	308
4	18	51	94	145	203	267	411
5	23	64	118	181	254	334	514
6	27	77	142	218	305	401	617
7	32	90	165	254	356	468	720
8	36	103	189	291	406	534	823
9	41	116	213	327	457	601	925
10	45	129	236	364	508	667	1028

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POND PACK COMPOSITION TABLE

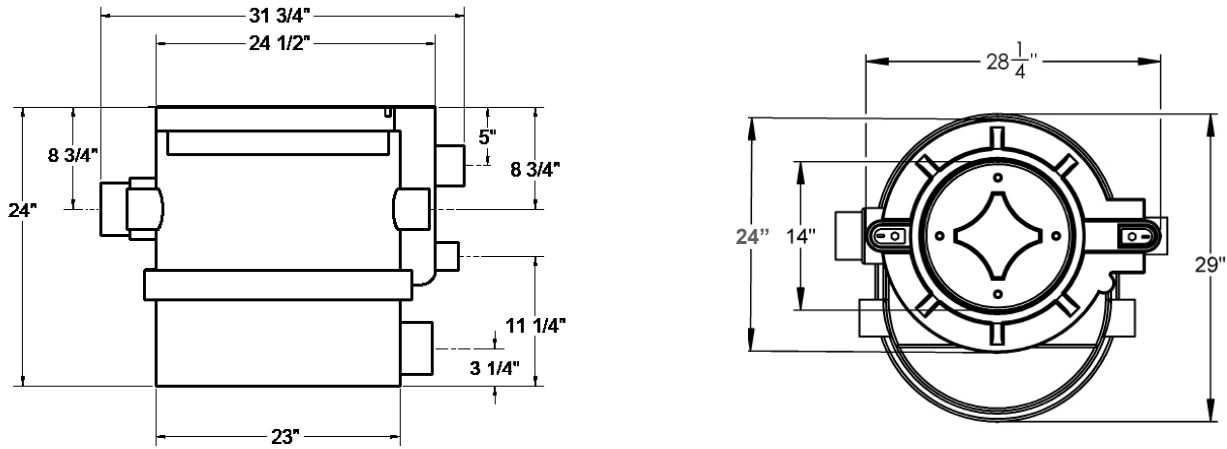
POND PACKS	MAX GPM	
PP-5	80 (suggested 65)	T40F Filter Tank, CPY Component Package
PP -10	80	T75F Filter Tank, CP5 Component Package
PP-10HF	160	T75F Filter Tank, CP6 Component Package
Custom Pack	Over 160	Add a Second Skimmer

PRODUCT DIMENSIONS |

For downloadable versions in .dwg format please visit www.filtrific.com

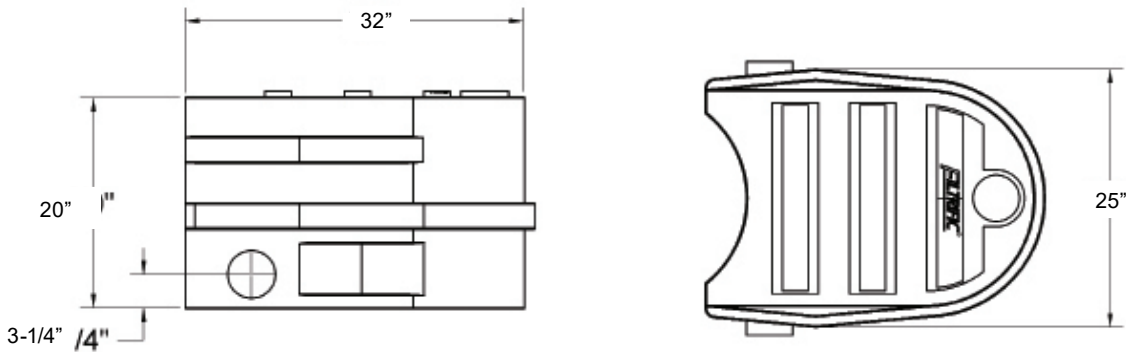
T40F FILTER TANK

PAGE: 10



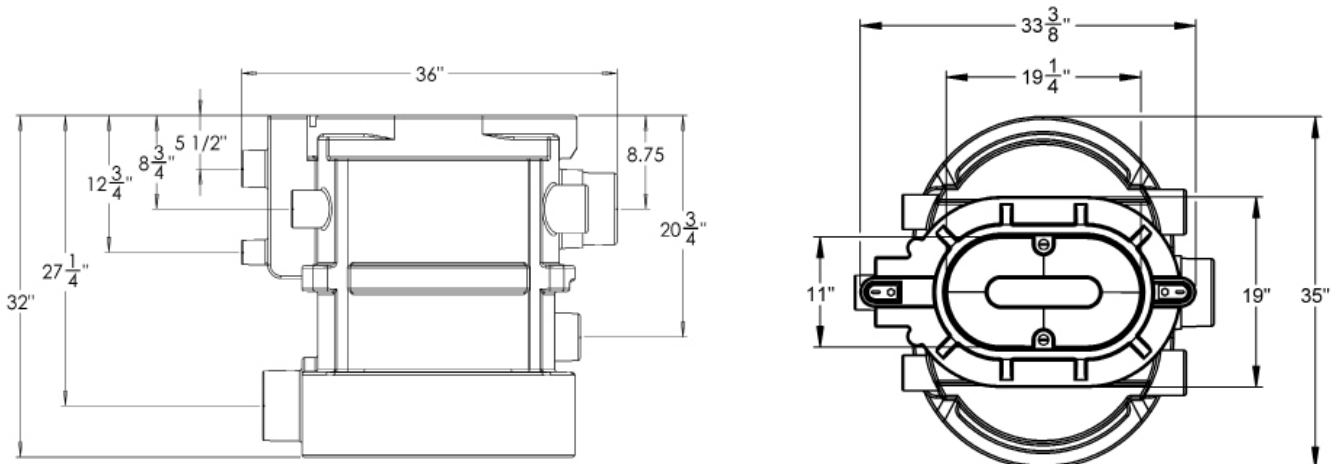
T40SP SIDE-POD

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T75F FILTER TANK

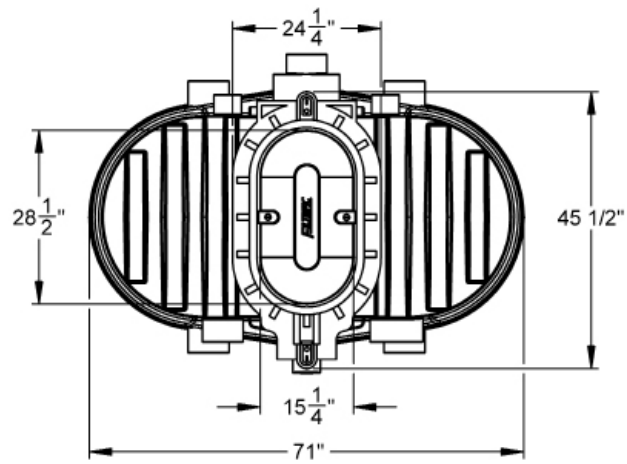
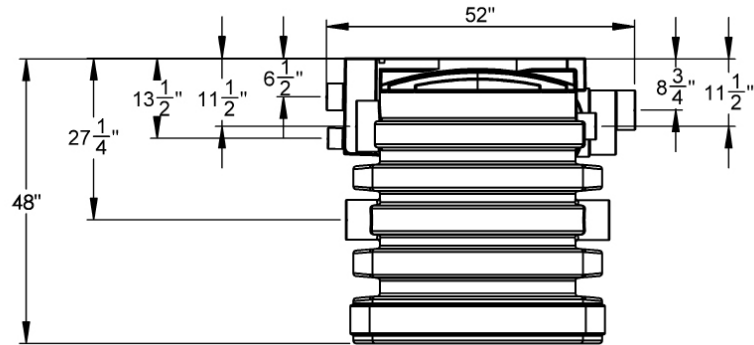
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PRODUCT DIMENSIONS

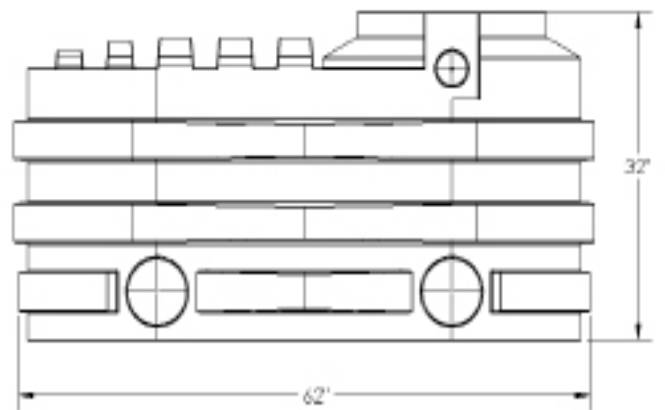
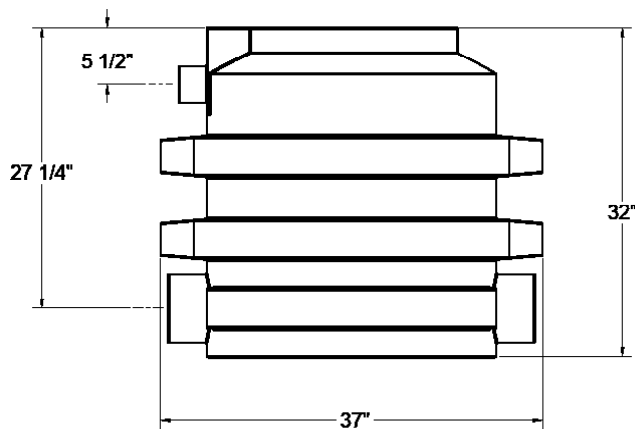
T390F FILTER TANK

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T165XP EXPANSION TANK

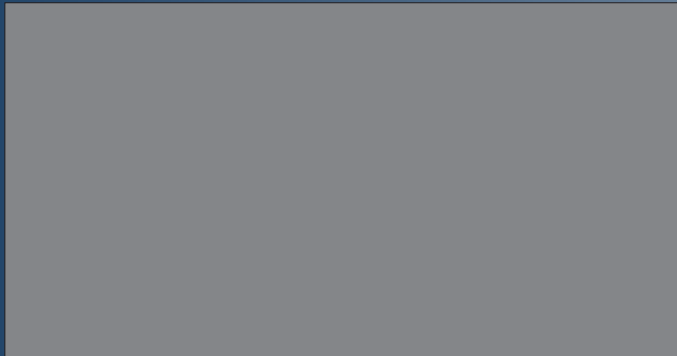
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