



## VANISHING-EDGE WATER FEATURES

Use the following tables to determine the Filter Tank and Component Package based on the GPM flowing over the falls. For more information about the Component Packages for a Vanishing-Edge Water Feature see page 75.

### HOW TO USE THE TABLE:

- 1** Choose the width of the waterfall to be built
- 2** Choose the water depth you would like to see over the falls and the maximum size pool behind the falls
- 3** Find the intersecting pump GPM
- 4** Find the Filter Tank and Component Package that matches the pumping GPM color



**VANISHING EDGE TABLE**

This table assumes the top of the Filter Tank will be installed at ground level at the base of the falls and a check valve will be installed on the pump discharge.

**POOL SURFACE KEY:**

64 ft<sup>2</sup>  
9" Res.

= Maximum 64 sq. ft. pool leaving a 9" Residual Pumping Depth

Width of Waterfall (feet)	Optional Infinity Pool Surface		Optional Infinity Pool Surface		Optional Infinity Pool Surface		Filter Tank & Component Package
	1/4" Water Depth Over Falls (GPM)		1/2" Water Depth Over Falls (GPM)		3/4" Water Depth Over Falls (GPM)		
1 ft.	4 GPM		13 GPM		24 GPM	42 ft <sup>2</sup> 9" Res.	T40F + CPX-NS
2	9		26	64 ft <sup>2</sup> 9" Res.	47		T75F + CP1-NS (up to 80 GPM) T75F + CP2-NS (over 80 GPM)
3	13	128 ft <sup>2</sup> 9" Res.	39		71	85 ft <sup>2</sup> 9" Res.	
4	18		51		94		
5	23		64		118		T390F + CP4-NS
6	27		77	128 ft <sup>2</sup> 9" Res.	142		
7	32		90		165		
8	36		103		189		
9	41	256 ft <sup>2</sup> 9" Res.	116		213	417 ft <sup>2</sup> 17.5" Res.	
10	45		129		236		
15	78		193		354		
20	90		258	625 ft <sup>2</sup> 17.5" Res.	472		
25	123		322		590		
35	168		451		-		
40	180	1251 ft <sup>2</sup> 17.5" Res.	516		-		
45	213		580		-		
50	246		644		-		

**NOTE:**

If there will be pool surface disturbances, increase the Filter Tank size or add an Expansion Tank to moderate water surges.

## NO-SKIMMER COMPONENT PACKAGES

Pair with a Filter Tank and an optional In-Wall Skimmer when creating architectural features.



### CPX-NS COMPONENT PACKAGE

For use with the T40F Filter Tank

GPM: 80

INCLUDES:

- 1 - 20 Mesh Filter Basket, E20-40
- 1 - 4" x 4" Intake Flex-Coupling, RC-44
- 1 - Connection Collar, RC-4
- 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-NS



### CPI-NS COMPONENT PACKAGE

For use with the T75F Filter Tank

GPM: 80

INCLUDES:

- 2 - 20 Mesh Filter Basket, E20-75
- 1 - 6" x 4" Intake Flex-Coupling, RC-64
- 1 - Connection Collar, RC-4
- 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-NS



### CP2-NS COMPONENT PACKAGE

For use with the T75F Filter Tank

GPM: 200

INCLUDES:

- 2 - 10 Mesh Filter Basket, E10-75
- 1 - 6" x 6" Intake Flex-Coupling, RC-66
- 1 - Connection Collar, RC-6
- 1 - Pump Discharge Kit, D24-Q  
(3" discharge for 2" & 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-NS



### CP3A-NS COMPONENT PACKAGE

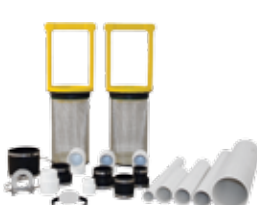
For use with the T390F Filter Tank

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