

# MagicFalls™

Water Effects

By Pentair Water Pool and Spa®







## The *beauty* and *intrigue* of falling water

Perhaps no other feature contributes more to the beauty and tranquility of your poolscape than the sight and sound of falling water. Water effects can help transform your pool into a romantic oasis, a playful family water park, or a breathtaking focal point. No wonder they are one of the most popular accessories in today's most elegant backyard retreats. The many options available allow you to integrate these mesmerizing water effects in either dramatic or subtle ways that transform any pool environment from great to spectacular.

- Choose from a variety of effects—sheet, curtain and rainfall, or arc sheet and rainfall.
- Waterfalls can be straight, curved, or customized.
- Individual water effects are available in lengths from eight inches to eight feet.
- Different lip lengths add to the design freedom available to you.
- Available in six finishes—brass, bronze, copper, gray, silver, or white.
- Vary flow to any water effect with an energy-efficient IntelliFlo® VF, IntelliFlo® VS-3050 or IntelliPro™ VS-3050 variable speed pump to alter the height and distance of the water effect.

## Sheet Waterfall Effect

The sheet effect creates an almost silent, glass-like sheet of water that projects away from the pool wall.



## Arc Sheet Waterfall Effect

The arc sheet effect propels a smooth arc of water that projects up and away from the pool wall.

## Curtain Effect

With the curtain water effect, water falls straight down creating a sheer wall of water.





### Rainfall Effect

The rainfall effect projects falling water that looks and sounds like a gentle spring shower.

### Arc Rainfall Effect

The arc rainfall effect produces an arc of falling water that cascades into your pool like a summer rainfall.



### Curved Water Effect

Sheet waterfall and rainfall effects can be customized to fit curved pool walls or any custom shape.





# MagicFalls

## Water Effects Configurations

Water Effect		WATERFALL			ARC	
		Sheet	Curtain	Rain	Sheet	Rain
Width	8"	●	●	●		
	1'	●	●	●	●	●
	18"	●	●	●	●	●
	2'	●	●	●	●	●
	3'	●	●	●		●
	4'	●	●	●		●
	5'	●	●	●		●
	6'	●	●	●		●
	7'	●	●	●		●
	8'	●	●	●		●
Lip Length	1" – 11 Series	●	●	●		
	6" – 12 Series	●	●	●	●	●
	13" – 14 Series	●	●	●	●	●
Curved Water Effect	Factory Cut Radius, 12 Series*	●		●		
	Factory Cut Radius, 14 Series*	●		●		
	Custom Curve Shape, 14 Series**	●				
Color	Brass	●	●	●	●	●
	Bronze	●	●	●	●	●
	Copper	●	●	●	●	●
	Gray	●	●	●	●	●
	Silver	●	●	●	●	●
	White	●	●	●	●	●
			●	●	●	●
Water Feed	Rear (standard)	●	●	●	●	●
	Bottom Feed (optional)		8" through 4' lengths only			
Recommended Maximum Installed Height		3'	3'	6'	3'	6'
Flow Requirements	15 GPM per foot; maximum head 6'					
Pipe Sizing	From Pump	1 1/2" for effect 4' length and under 2" for 5' length and over				
	Rear Connection	(1) 1 1/2" for 4' length and under (2) 1 1/2" for 5' length and over				
	Optional Bottom Connection (8" to 4')	1 1/2" slip coupling glued directly to Sch40 pipe				

### NOTES TO INSTALLERS:

#### \*To order a factory radius curve shape, follow these steps:

1. Specify the radius in feet and inches (example: 6'6")
2. Determine the MagicFalls series by using the Lip Series Selection Chart to the right.
3. Factory Radius Cut Charge 12 & 14 Series – Part Number 5890001
4. Specify if the radius is Concave  or Convex 

**\*\*To order a custom curve shape, a template created by the installer must be sent to the factory from your distributor. Contact your distributor for information. Custom Curve Cut Charge 14 Series—Part Number 5890002**

## Lip Series Selection Chart

Pool Section Radius	WATERFALL WIDTH								
	1'	18"	2'	3'	4'	5'	6'	7'	8'
1'	12								
1.5'	12	12							
2'	12	12	12	14					
2.5'	12	12	12	14					
3'	12	12	12	14	14				
3.5'	12	12	12	14	14				
4'	12	12	12	12	14				
4.5'	12	12	12	12	14	14			
5'	12	12	12	12	14	14			
5.5'	12	12	12	12	14	14			
6'	12	12	12	12	12	14	14		
6.5'	12	12	12	12	12	14	14		
7'	12	12	12	12	12	14	14		
7.5'	12	12	12	12	12	14	14		
8'	12	12	12	12	12	14	14		
8.5'	12	12	12	12	12	14	14	14	
9'	12	12	12	12	12	14	14	14	
9.5'	12	12	12	12	12	12	14	14	
10'	12	12	12	12	12	12	14	14	
10.5'	12	12	12	12	12	12	14	14	
11'	12	12	12	12	12	12	14	14	
11.5'	12	12	12	12	12	12	14	14	
12'	12	12	12	12	12	12	14	14	
12.5'	12	12	12	12	12	12	12	14	14
13'	12	12	12	12	12	12	12	14	14

12 = Lip Series 12    14 = Lip Series 14    = N/A

### FOR DEALERS:

### How to Order

All MagicFalls part numbers begin with "58" followed by lip series, length, water effect, and color designation. If ordering optional bottom feed, include that designation as well. See reference below for assistance.

**581402FSBBF**

Lip Series	Width	Water Effect	Color	Options
11 – 1" LIP	00 – 8" LONG	AR – WATERARC RAIN	B – BRASS	BF – BOTTOM FEED
12 – 6" LIP	01 – 1' LONG	AS – WATERARC SHEET	G – GRAY	
14 – 13" LIP	18 – 18" LONG	FC – WATERFALL CURTAIN	P – COPPER	
	02 – 2' LONG	FR – WATERFALL RAIN	S – SILVER	
	03 – 3' LONG	FS – WATERFALL SHEET	W – WHITE	
	04 – 4' LONG		Z – BRONZE	
	05 – 5' LONG			
	06 – 6' LONG			
	07 – 7' LONG			
	08 – 8' LONG			

# MagicFalls™

Water Effects



**Available from:**



Pentair Pool Products®  
800.831.7133  
[www.pentairpool.com](http://www.pentairpool.com)

Sta-Rite®  
800.831.7133  
[www.staritepool.com](http://www.staritepool.com)

pumps / filters / heaters / heat pumps / automation / lighting / cleaners / sanitizers / maintenance products