



The #1 Global Manufacturer of Home Resort Products

1462 E. Ninth Street · Pomona, CA 91766 · www.calspas.com · 1-(800)-CAL-SPAS

## Circulation pump and filtration cycles

***This technical bulletin applies to spas with the 5100, 6200, or 6300 equipment pack and the circulation pump (Option 112A).***

### **System setting on control panel**

The circulation pump operates during filtration cycles and during heat demand. It is capable of running continuously if the filtration cycle is programmed accordingly.

Spas are programmed to filter twice a day. The first cycle will begin 6 minutes after the spa is turned on and the second cycle 12 hours later.

The default setting is one hour for single pump systems and two hours for two pump systems, but this can be changed to your preference. See the table below.

To change the filtration cycle:

1. Press the **Temp** button then the **Jets** button.
2. Press **Temp** button again to change the filtering cycle duration. See the table at right for filtration settings and duration.
3. When desired duration is selected press the **Jets** button to exit.

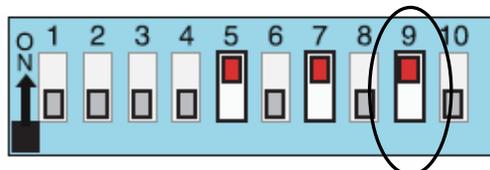
*To set the circulation pump to continuous filtration, select the FC setting when changing the filtration cycle as described above.*

Setting	Duration
F2	2 hours
F4	4 hours
F6	6 hours
F8	8 hours
FC	continuous

### **System settings on circuit board**

If the circulation pump fails to operate after setting the filtration cycle as described above, have a spa technician open the control box and check the circuit board. Make sure two settings have been made:

1. The default DIP switch setting is ON. In this mode, the circulation pump acts like Pump 1 in low speed. When Pump 1 is turn on using the JETS button, it operates in high speed. In the OFF position, there is no circulation pump and Pump 1 is two speed (low and high).





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2. The power wire for the circulation pump is configured as shown in the circuit board diagram below. This is to ensure correct power to the circulation pump.

Move the wire  
from WHITE AC  
connection J11 to  
RED AC  
connection J36.

