

Jacuzzi®

J-SF24 Media Filter

Installation and Operating Instructions



GENERAL NOTES

1. When unpacking the Jacuzzi® J-SF24 filter, be sure the unit is complete and no visible shipping damage has occurred.
2. Allow sufficient clearance around filter system for access and maintenance.
3. Provide adequate ventilation for pumping equipment, installed in conjunction with filter.
4. Provide solid mounting for filter and pump. If installed outdoors, install the system on a slab or solid concrete base to avoid risk of settlement. Filter systems once located with sand and water can exceed a weight of 265 lbs. If installed indoors, ensure doorway allows sufficient clearance should filter tank require replacing.
5. Installation of filters and pumps should be located as close to the pool as possible to avoid excessive piping friction loss.
6. If system is installed below pool level it is important to install isolating valves to prevent risk of flooding from back up water, from the pool or spa.
7. The proper sand selection is critical to good filter performance. Ensure that the media is an approved form of Quartz Silica sand, glass or Zeolite.
8. The installation of filters requires no special tools.
9. Confirm that plumbing lines from pool are correctly identified. This will ensure proper connection to markings on filter valve (i.e. "Pump", "Waste", and "Return").

SPECIFICATIONS

Jacuzzi@ Model .	Tank Diameter	Filter Area	Port Size	6 Hr. Turnover	8 Hr. Turnover	Sand Req'd.	VIRON ACTIVE COURSE
J-SF24	26.18 INCH	03.23 Sq FT	1 ½ INCH	26,600 GALLONS	35,500 GALLONS	265 LB	100 IB

Dimensions With Valve Installed			
Jacuzzi@ Model	Height	Width	Shipping Weight
J-SF24	41.73 INCH	26.18 INCH	44 LB

INFORMATION AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

LOADING FILTER MEDIA

Once the filter system has been positioned, the installation of filter sand may be undertaken as follows:

1. Check filter size in order to determine necessary amount of Media required.
2. Double check that the internal system consisting of a lateral hub and stand pipe are intact inside the tank.
3. Fill tank half full with water.
4. Place the disposable loading disc into the upper tank opening and the plastic cover over stand pipe to stabilise the filter and stand pipe. It is important that the stand pipe remains centered through the Media loading procedure to ensure alignment with valve assembly opening.
5. Proceed to load correct volume of dry sand slowly (if sand is saturated loading can be difficult).
6. Once sand is loaded discard loading disc and check to determine if stand pipe is properly centered in tank opening.
7. Fill with sand, glass or other approved sand to the shoulder level of the filter.

INSTALLATION OF SELECTOR VALVE

1. Following the sand loading, clean any sand particles or debris from upper surface of tank opening.
2. Install six (6) position selector valve after placing **O-Ring** in cavity on tank body. Place valve into tank opening while ensuring that the **O-Ring** has remained in position.
3. Install selector valve into top tank opening and rotate valve to best suit plumbing lines.
 - a. **Jacuzzi® J-SF24 FILTER:** once valve positioned, tighten the **lock ring firmly** by hand.
 - b. **Note: It is not necessary to over tighten.**
4. Double check that incoming pool lines are connected to appropriate valve openings as marked on valve port (i.e. pump, return (pool) and waste).
5. The threaded openings on valve are 40mm thread which all accommodate barrel unions supplied with the filter. O-rings are supplied to fit between the multiport valve and barrel union. It is only necessary to tighten by hand. **THE USE OF TEFLON TAPE IS NOT REQUIRED.**
6. Remove plug from side wall of valve and install threaded pressure gauge (if not already fitted) using Teflon tape wrap. **Do not over tighten.** Minimal hand tightening is adequate to provide a good seal.

SELECTOR VALVE OPERATION

The operation and the positions of selector valve settings are as follows:

Selector Valve Settings	Direction of flow through Valve
Filter (also during vacuuming)	From pump down through valve, through sand bed, up through stand pipe to valve and back through pool return.
Back Wash	From pump, through valve, down through stand pipe, up through sand bed, and through valve to waste.
Rinse	Flow from pump, through valve, down through sand bed, up through stand pipe, through valve to waste. (Position also used for initial start-up and levelling sand bed after Back-wash)
Waste	From pump, through valve to waste. Also position for lowering water level or assist in draining pool.
Closed	From pump to valve without further circulation. Prevents any flow to filter and pool.
Recirculate	From pump through valve to pool. This position bi-passes the filter and is used for circulation of pool water only.

NOTE: Always “STOP” pump when changing selector valve position.

INITIAL START UP

1. Make sure the correct amount of Media is in the filter tank.
2. Prime pump.
3. Set valve handle in BACK WASH position.
4. Start pump and operate in BACK WASH cycle for three (3) minutes. This will purge the filter of excess fines in the sand.
5. Turn pump OFF and set valve handle to RINSE. Start pump and run for one (1) minute.
6. Stop pump and set valve handle to FILTER. Restart pump. System is now operating on a normal FILTER cycle.
7. Adjust the valves in the skimmer and main drain lines (if provided) to achieve balanced flow rates.
8. When a pool is filled initially, the filter may have to be BACK WASHED once a day until the water becomes sparkling clear. From that point on, BACK WASH when pressure gauge indicates 4 to 6 PSI higher than at starting pressure.

OPERATIONAL AND INSTALLATION TIPS

1. Always turn pump "OFF" before changing selector valve positions.
2. Never run pump dry as it depends on water for lubrication.
3. Always maintain minimum water level to ½ way up the skimmer mouth.
4. Clean pump strainer regularly.
5. Maintain a proper chemical balance in the pool.
6. Maximum operating pressure is 36 PSI on Jacuzzi® J-SF24 Filter .
7. Ensure pressure gauge on valve is positioned so that rain water cannot collect on glass face.
8. Back wash filter regularly for 3-5 minutes or until sight glass runs clean each time to ensure Media is completely cleaned.
9. Always rinse for 1 minute after each backwash and before returning selector valve position to filter.

Maintenance of your Jacuzzi® J-SF24 filter

Maintenance Schedule: Your new product incorporates moving parts and withstands high velocity water with chemicals in it. Some of these parts will wear in the normal course of use and require regular checks and maintenance. Performing these checks and maintenance will identify parts that have worn and require repair/replacement before further serious damage is sustained. A small amount of regular care and attention to your pool equipment will help ensure long life and trouble free performance.

Timing	Maintenance Check	Service action (if required)
Every 2 weeks	Check pressure gauge. If pressure increase is greater than 30 PSI cleaning may be required	Perform backwash according to instructions
Every 3 Months	Check inlet/outlet o'rings for leaks	Isolate Pump, turn power off, clean and grease O rings or replace if necessary
Once a year	Compare operating pressure of backwashed filter to initial pressure (when new) If using Zeolite or M3, regenerate filter sand. This is important in commercial applications as it aids in the removal of ammonias.	If pressure is more than 4 – 6 PSI different from new filter, a Media change may be required Add salt to filter Media per supplier. Allow to sit for 24 hours then backwash, rinse and return to filter.

Important note: Regular maintenance is important to ensure long life and trouble free performance of your pool equipment. If unable to perform the maintenance yourself, contact www.jacuzzi.com who will arrange a trained service technician to perform the maintenance for you.

Record your Equipment details here for quick reference:

Model No.: _____

Serial No.: _____

Initial Pressure (PSI): _____

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