

INSTALLATION & OPERATING INSTRUCTIONS

INSTALLER – READ ENTIRE INSTRUCTION SHEET BEFORE PROCEEDING TO INSTALL.

POOL OWNER – PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Install filter on a sturdy and flat, level surface. Ensure the location allows for future servicing ease. Correctly size pool pump to the size of the filter.

*In order to alleviate blasphemous expletives, gnashing of teeth and hair pulling Aqua-Quip recommends ensuring that tank is positioned so that it is square to existing plumbing or intended pipework location **BEFORE** adding water and sand.*

TOP MOUNT MODEL:

Ensure the stem pipe is centralised, fit the plastic cap over the centre stem pipe and add the required amount of filter media. The filter tank must be 1/4 filled with water before adding sand/zeolite. Install the multi-port valve, ensuring the gasket is free from sand and debris. Do not overtighten hex nuts.

SIDE MOUNT MODEL:

Attach multi-port valve to the side of the tank. Remove top plate, ensure the protective plastic cover is in position, covering the over-drain assembly. The filter tank must be 1/4 filled with water before adding sand/zeolite. Pour in the required amount of filter media. **THE PLASTIC COVERING MUST THEN BE REMOVED.** Install the top plate and air bleed assembly, ensuring the gasket is free from sand and debris. Do not overtighten hex nuts.

START-UP PROCEDURES:

After installation, allow PVC glue to dry for at least 3 hours before proceeding.

Turn valve handle to backwash position. Prime the pool pump and switch on. Wait until the water passing through the backwash sight glass is clear and switch off pump. Turn valve handle to rinse position. Switch pump on for 20 to 30 seconds, switch pump off. Turn valve handle to filter position and switch pump on.

STANDARD OPERATING INSTRUCTIONS:

Now that the filter is operating in filter mode, be aware of the filter pressure as shown by the pressure gauge. When the pressure reaches 40kpa above the normal operating pressure the filter will need to be backwashed.

BACKWASHING (this cleans the filter):

Switch pump off and turn valve handle to backwash position. Switch pump on and wait until sight glass clears (approx. 60 to 90 seconds). Switch pump off.

RINSE (this must be used after backwashing):

With the pump off, turn valve handle to rinse position. Switch pump on, rinse for 20 to 30 seconds, switch pump off. The filter is now cleaned and rinsed ready for another cycle. Turn handle to filter and switch pump on.

OTHER VALVE POSITIONS:

Drain: Water will be drained from the pool through the backwash line. The vacuum can be set up and excess dirt vacuumed to waste, bypassing the filter.

Re-circulate (Whirlpool): Water will be re-circulated back to the pool bypassing the filter.

Closed: The pump must not be operated while valve is closed. All ports closed.

CAUTION

- ALWAYS TURN PUMP OFF WHEN OPERATING THE VALVE HANDLE.
- ENSURE THAT ANY AUTOMATIC CHLORINATING SYSTEMS, HEATERS, BOOSTER-DRIVEN POOL CLEANING PUMPS AND SUCTION CLEANERS ARE NOT OPERATING WHILE BACKWASHING, RINSING OR WASTING WATER.

FJ SERIES TOP MOUNT FIBREGLASS SAND FILTER

From Pump
To Waste
To Pool

To Waste
To Pool
From Pump

MODEL	ORDER CODE	DIMENSION A mm/inches	DIMENSION B mm/inches
FJ650 TOP	JSF 001	650/25.6	970/38.2
FJ750 TOP	JSF 002	750/29.5	1020/40.2

FJ FILTERS SPARE PARTS



FJ SERIES SIDE MOUNT FIBREGLASS SAND FILTER

From Pump
To Waste
To Pool

From Pump
To Waste
To Pool

MODEL	ORDER CODE	DIMENSION A mm/inches	DIMENSION B mm/inches	DIMENSION C mm/inches
FJ650 SIDE	JSF 003	650/25.6	800/31.5	990/39
FJ750 SIDE	JSF 004	750/29.5	860/33.9	1110/43.7

CODE	ITEM	DESCRIPTION
JSF200	1	FJT-MULTIPOINT VALVE- 40mm TOP MOUNT
JSF201	1	FJT-MULTIPOINT VALVE- 50mm TOP MOUNT
JSF202	2	FJS-MULTIPOINT VALVE- 40mm SIDE MOUNT
JSF203	2	FJS-MULTIPOINT VALVE- 50mm SIDE MOUNT
JSF114	3	FJT-LATERAL HUB & STEM 40mm
JSF115	3	FJT-LATERAL HUB & STEM 50mm
JSF116	4	FJS-AIR RELEASE ASSY
JSF117	5	FJS-LID SUITS S750
JSF118	5	FJS-LID SUITS S650
JSF119	6	FJST-TANK GASKET SUITS T650 & S650
JSF120	6	FJST-TANK GASKET SUITS T750 & S750
JSF109	7	FJST- 50mm UNION THREADED ADAPTOR

CODE	ITEM	DESCRIPTION
JSF108	8	HJFJ- 50mm UNION O'RING
JSF105	8	FJST- 40mm UNION O'RING
JSF106	9	HJFJ- 50mm UNION TAIL
JSF103	9	FJST- 40mm UNION TAIL
JSF107	10	HJFJ- 50mm UNION LOCK RING
JSF144	10	FJST- 40mm UNION LOCK RING
JSF112	11	FJST-LATERAL SUIT 650
JSF113	12	FJST-LATERAL EXTENSION SUIT 750
JSF134	13	PRESSURE GAUGE-SIDE MOUNT VALVE
JSF234	14	PRESSURE GAUGE- TOP MOUNT VALVE
JSF205	15	FJST-MPV SIGHT GLASS GASKET
JSF206	16	FJST-MPV SIGHT GLASS

FJ FILTERS SPECIFICATIONS

FILTER SPECIFICATIONS	FJ650 TOP	FJ650 SIDE	FJ750 TOP	FJ750 SIDE
Diameter x Height (mm)	560 x 970	650 x 800	750 x 1020	750 x 860
Diameter incl MPV (mm)	650	990	750	1110
Filter Area (m²)	0.36	0.36	0.45	0.45
Flow Rate (clean) LPM	310	310	460	460
Multiport Valve	40mm	40mm	50mm	50mm
Sand	140kg	140kg	200kg	200kg
Zeolite	105kg	105kg	150kg	150kg
Pump Size	1-1.25HP	1-1.25HP	1-1.5HP	1-1.5HP

Constructed from woven fibreglass materials with a smooth gel coat finish, Aqua-Quip FJ Series Sand Filters are robust and resistant to the harsh chemicals and installation environments often associated with a modern swimming pool.

Balanced water flow through the sand bed ensures advanced filtration performance. Low profile design allows for simple installation into tight spots and awkward locations.

Available with side-mount and top-mount valve configurations to suit all pool site requirements.

Latest design multiport valve includes barrel unions, pressure gauge and sight glass.

When combined with Aqua-Quip HJ Series Pool Pumps the user is assured of many years of trouble-free, efficient pool maintenance. The inclusion of a Jet-Vac Automatic Pool Cleaner further ensures a perfect pool.

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