

LACRON

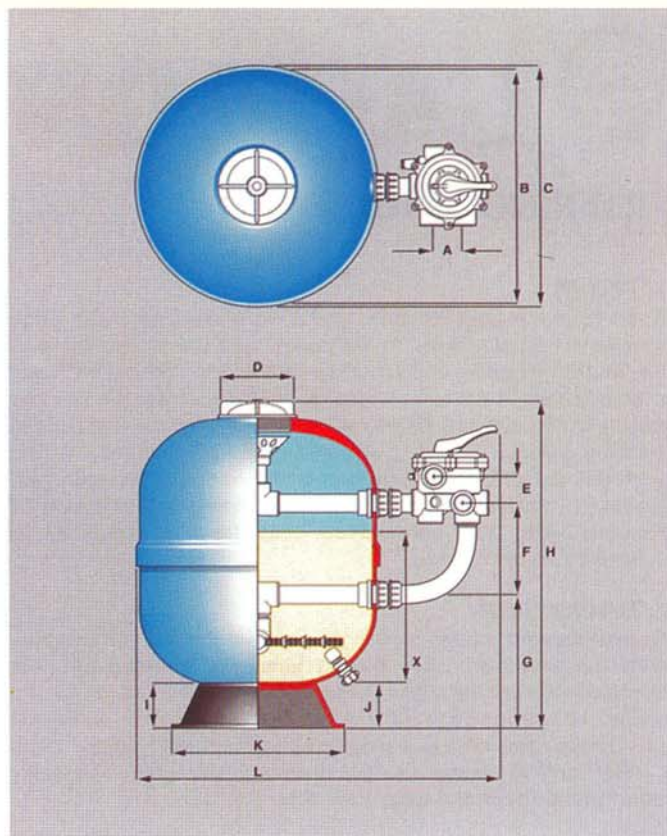


Crystal clear, sparkling water is the most important feature of any swimming pool. A Lacron filter is the by far the most efficient way to ensure perfect water quality for many years to come. Lacron filters can be used with standard 16/30-grade silica sand. For maximum filtration performance and total bather comfort, Lacron recommends **Lacronite - 85** High grade filter media.

The Lacron LSR range is designed to cater for all residential applications from small above ground pools, through to larger in ground domestic installations, whilst the LSC range is primarily designed for light commercial applications.

All Lacron filters feature the following: -

- Lacron filters have a 30 year proven track record.
- Every Lacron filter is pressure tested to 60 psi (4 bar).
- Lacron filters are made from the highest-grade materials.
- Hi gloss - non-corrosive - FRP tank and base components.
- Nine-Inch - Clear view - easy access - service lid.
- Energy efficient collection and distribution pipe-work.
- User friendly - multiport (operating) valve.
- Speed style installation and service connections.
- Easy access winter drain tap.



TYPE	LSR-16	LSR-18	LSR-24	LSC-30	LSC-36	LSC-42	LSC-48
A	73	73	73	70	128	128	128
B	450	460	610	762	915	1100	1200
C	465	475	625	780	945	1130	1240
D	230	230	230	230	230	230	430
E	61	61	61	81	110	110	110
F	127	204	204	215	300	350	550
G	240	245	250	315	300	350	360
H	575	685	760	780	945	965	1315
I	65	65	65	85	90	95	100
J	70	70	70	90	90	90	90
K	360	360	490	560	945	965	1200
L	725	790	945	1100	1385	1570	1660
X	300	350	380	400	500	550	700

Your authorised Lacron supplier:

LACRON

FILTERING MADE EASY

1. FILTER

Water from the pool skimmers and main drain is drawn through the connecting pipe-work to the pump, then pressurised through the 'Multiport' valve, and filter top distributor. The soiled water is forced through the compressed media, which traps the fine dirt particles. The cleaned water returns to the pool via fine slots in the filter collector system - valve and connecting pipe-work. The more dirt the filter traps, the higher the operating pressure will become. Usually, an increase in the operating pressure of between 10 to 20% will indicate that the filter needs to be cleaned by 'back-washing'.

2. BACKWASH

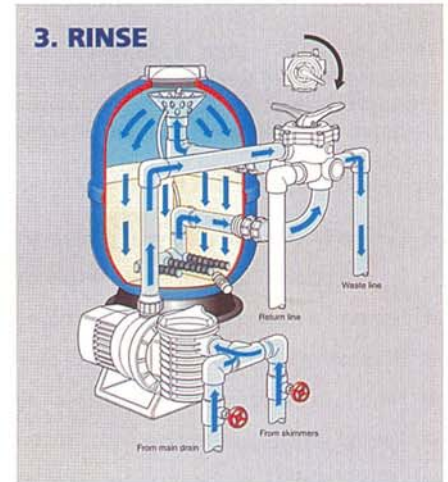
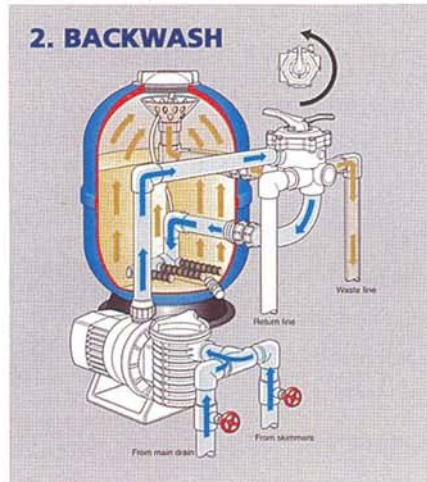
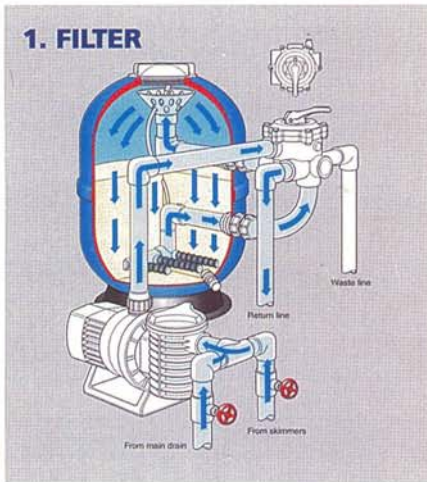
Water is drawn from the pool in the same way as in the filter cycle. With the Multiport valve having been set to backwash, the diverted water will flow into the bottom of the filter fluidising the media and releasing the dirt particles. The dirty wash water will pass through the valve and pipe-work to the drain. Normal back-washing time is around 3 to 4 minutes and the dirt can be easily monitored through the large clear filter lid.



3. RINSE

Water is drawn from the pool and pumped through the filter in the same way as the filter cycle, with the wash water being diverted via the Multiport valve to the drain. Rinsing is required to re-level the media and expel any trapped dirt particles. Rinsing, usually requires 20 to 30 seconds to be effective.

For optimum filter to pool sizing, consult your Lacron filter dealer.



FILTER / PUMP - SELECTION GUIDE - RESIDENTIAL

CODE	FILTER		MEDIA		OPTION		PIPE / CONNECTION		PUMP - H.P.		PUMP - KW		OUTPUT m ³ / hr	
	TYPE	Ø - mm	AREA - m ²	6mm Gravel	16/30 - Sand	LACRONITE	INCH	mm	MIN	MAX	MIN	MAX	MIN	MAX
16014	LSR-16	450	0.135	NR	50Kg	40Kg	1½	50	⅓	½	0.24	0.37	4.0	6.5
18014	LSR-18	460	0.166	NR	75Kg	60Kg	1½	50	½	¾	0.37	0.55	6.5	8.5
24014	LSR-24	610	0.300	NR	125Kg	100Kg	1½	50	¾	1.0	0.55	0.75	10.5	14.5
30014	LSR-30	760	0.460	50Kg	150Kg	125Kg	2	63	1½	2.0	1.10	1.50	18.5	22.5