

## SX Swimming Pool Filters



### Typical Applications

- Swimming pool filtration:** The 'SX' filter range is specifically designed for swimming pool filtration. It is suitable for various types of swimming pools, including residential pools and light institutional pools.
- Filtration technology:** The filters in the 'SX' range incorporate the latest filtration technology, combining it with over twenty years of production experience. This ensures optimal filtration performance, reliability, longevity, and value.
- Non-corroding GRP construction:** The filter bodies are elegantly molded and constructed from non-corroding GRP (Glass Reinforced Plastic). This material provides strength and durability, ensuring an indefinite lifespan of the filters.
- Flange connected six-position multiport valves:** The filters are equipped with easy-to-use flange connected six-position multiport valves. These valves have union connections, simplifying installation and media replacement. The flange arrangement also provides a secure watertight seal, preventing any leaks.
- Specially designed internal collector laterals:** The 'SX' filters feature specially designed internal collector laterals. These laterals maximize filtration efficiency during operation and backwashing, while minimizing media loss.
- High-grade silica sand media:** The filters utilize high-grade silica sand media, which is known for its exceptional filtration performance. The media effectively removes impurities and debris from the pool water, maintaining its cleanliness and clarity.
- Importance of efficient filtration:** The application highlights the importance of efficient filtration for a pool's appearance and water quality. It emphasizes that compromising on the pool filter is not advisable, as clean and sparkling water relies on effective filtration. The 'SX' filters are designed to meet the highest standards of performance, reliability, and ease of operation.

### Technical Data

| Model | Rated        | Pump Options |           |         |           | Pool Capacity (Litres) |            |           | Recommended Piping Size |          |
|-------|--------------|--------------|-----------|---------|-----------|------------------------|------------|-----------|-------------------------|----------|
|       | Flow (m3/hr) | Satte        | Power, kW | Satte   | Power, kW | Light Use              | Normal Use | Heavy Use | Suction                 | Delivery |
| SX300 | 4            | SPL601       | 0.6       | SPL550  | 0.55      | 4000                   | 30000      | 25000     | 1.5"                    | 1.5"     |
| SX500 | 10           | SPL601       | 0.6       | SPL550  | 0.55      | 100000                 | 80000      | 60000     | 1.5"                    | 1.5"     |
| SX600 | 14           | SPL801       | 0.8       | SPL750  | 0.75      | 140000                 | 115000     | 85000     | 2"                      | 1.5"     |
| SX750 | 21           | SPL1101      | 1.1       | SPL1100 | 1.1       | 220000                 | 180000     | 130000    | 2.5"                    | 2"       |
| SX800 | 24           | SPL1501      | 1.6       | SHL200  | 1.1       | 250000                 | 200000     | 150000    | 2.5"                    | 2"       |
| SX900 | 30           | SPL1501/2201 | 1.6/2.2   | SHL300  | 1.5       | 300000                 | 240000     | 180000    | 3"                      | 2"       |

  

| Model | Filter    | Dimensions (mm) |     | MPV        | Pressure (Bar) |         | Weight (kgs) |         |
|-------|-----------|-----------------|-----|------------|----------------|---------|--------------|---------|
|       | Area (m2) | H               | D   | Valve Size | Test           | Working | Nett         | Working |
| SX300 | 0.07      | 839             | 300 | 1½"        | 4.5            | 3       | 11           | 115     |
| SX500 | 0.2       | 830             | 520 | 1½"        | 4.5            | 3       | 13           | 170     |
| SX600 | 0.3       | 980             | 620 | 1½"        | 4.5            | 3       | 15           | 250     |
| SX750 | 0.43      | 1060            | 770 | 1½"        | 4.5            | 3       | 21           | 420     |
| SX800 | 0.043     | 1280            | 770 | 1½"        | 4.5            | 3       | 25           | 525     |
| SX900 | 0.67      | 1400            | 925 | 1½"        | 4.5            | 3       | 32           | 820     |

\*Includes media & water