

Liquid Flow Rates

Liquid flow rates in Lts/hr at 0.1 Bar pressure drop

Flow rates will depend on which filter element grade is installed in the filter housing. First check the size of the filter element using the housing data sheets and then use the charts below to read the flow rate at the desired pressure against the element grade. Replace the □ in the part number shown with the required grade, for example 51.230.7K. The figures shown here are based on the viscosity of water. See note (4) for other liquids.

12.32.□

Filter Element Grade		
Disposable	SS	Litres per hour
3E, 3K, 3S	-	5
4E, 4K, 4S	-	12
5E, 5K, 5S	S2	23
6E, 6K, 6S	S10	60
7E, 7K, 7S	S25	80
8E, 8K, 8S	S100	100

12.57.□

Filter Element Grade		
Disposable	SS	Litres per hour
3E, 3K, 3S	-	8
4E, 4K, 4S	-	20
5E, 5K, 5S	S2	40
6E, 6K, 6S	S10	100
7E, 7K, 7S	S25	125
8E, 8K, 8S	S100	140

25.64.□

Filter Element Grade		
Disposable	SS	Litres per hour
3E, 3K, 3S	-	20
4E, 4K, 4S	-	50
5E, 5K, 5S	S2	100
6E, 6K, 6S	S10	240
7E, 7K, 7S	S25	320
8E, 8K, 8S	S100	360

25.178.□

Filter Element Grade		
Disposable	SS	Litres per hour
3E, 3K, 3S	-	50
4E, 4K, 4S	-	120
5E, 5K, 5S	S2	230
6E, 6K, 6S	S10	420
7E, 7K, 7S	S25	500
8E, 8K, 8S	S100	600

51.230.□

Filter Element Grade		
Disposable	SS	Litres per hour
3E, 3K, 3S	-	125
4E, 4K, 4S	-	300
5E, 5K, 5S	S2	600
6E, 6K, 6S	S10	1200
7E, 7K, 7S	S25	1300
8E, 8K, 8S	S100	1400

51.476.□

Filter Element Grade		
Disposable	SS	Litres per hour
3E, 3K, 3S	-	250
4E, 4K, 4S	-	600
5E, 5K, 5S	S2	1000
6E, 6K, 6S	S10	1400
7E, 7K, 7S	S25	1500
8E, 8K, 8S	S100	1600

- Notes**
- (1) The above flow rates are for water at 20°C. Flow rates for other liquids can be derived from relative viscosity data.
 - (2) Flow rates are generally proportional to pressure drop. If an initial drop of 0.2 bar can be tolerated flow rates can be doubled.
 - (3) Flow rates are generally inversely proportional to liquid viscosity.
 - (4) Water = 1 centipoise, for higher viscosity liquids divide the flow rates by the actual viscosity in centipoise.