

WTS-LV Filter Types and Recommended Pump Heads (Gen3)

The tables shown below provide a list of available pump heads and recommendations based on compatible filter type and flow rate.

Note – Flow rate can vary widely based on filter porosity and sample load.

Pump Size	LV04	*LV08	LV30
Flow Rate Range (L/min)	0.5–4	1–8	5–30

* LVO8 is standard on the WTS-LV

Recommended Pump Heads

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Filter Type	Pore Size in µm	Max Flow Rate (L/min)	LV04	LV08	LV30
Polycarbonate and Polyester Membrane (Nuclepore®, Millipore®)	0.2	2	•	•	
Polycarbonate and Polyester Membrane (Nuclepore®, Millipore®)	0.4	3	•	•	
Polycarbonate and Polyester Membrane (Nuclepore®, Millipore®)	0.8	4 (LV04 pump) 6 (LV08 pump)	•	•	
Polycarbonate and Polyester Membrane (Nuclepore®, Millipore®)	1.0	4 (LV04 pump) 8 (LV08 pump)	•	•	
Glass Fiber (GF/F [®] , QMA [®])	0.8	4 (LV04 pump) 7 (LV08 pump)	•	•	
	1.7	4 (LV04 pump) 8 (LV08 pump)	•	•	
	5.0	4 (LV04 pump) 8 (LV08 pump) 20 (LV30 pump)	•	•	•
Mesh (Nytex [®])	60.0 (+)	4 (LV04 pump) 8 (LV08 pump) 30 (LV30 pump)	•	•	•

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