

élan™ WATER FILTERS

SPECIFICATIONS FOR STANDARD MODELS



	EL-100*	EL-190**	EL-325**	EL-450**	EL-560-FL**
Flow rate (GPM)	Up to 100	Up to 190	Up to 325	Up to 450	Up to 560
Flow rate (LPM)	Up to 379	Up to 720	Up to 1,230	Up to 1703	Up to 2120
Flow rate (M3/hr)	Up to 22.5	Up to 43	Up to 73	Up to 101	Up to 126
Required No. of Filters	16	42	75	100	150
Pipe size (NPT)	2" NPT	2" NPT	3" NPT	3" NPT	4" flanged
Filter height	28"	40"	42"	52"	48"
Filter height (cm)	71	102	107	132	122
Floor space requirement	13"x13"	18"x18"	20"x20"	20"x20"	28"x28"
Service height clearance	48"	68"	70"	87"	76"
Service height clearance (cm)	122	173	178	221	193
Shipping weight (lbs)	39	100	129	188	274
Shipping weight (kg)	18	45	59	86	124
Recommended for Models:	M50 S2400B/S5,000B	M90 S10,000B	M90, M150 S15,000B	M150, M250 S20,000B	M250 S25,000B

Note: Recommended flow rates are for guidelines only. Typical flow rates are 3 to 6 GPM per single-length cartridge. Actual rates vary depending on the application, solids content, viscosity, micron rating, and length of filter run desired.

- Material, housings: 304 stainless steel
- Bottom seals: Natural gum rubber
- Temperature: Up to 140°F (60°C)
- Pressure rating: Up to 150 psi (10 bar)

- Holding rods: CPVC
- Rim gaskets: EPDM
- O-rings: Buna-N

* Cartridges are arranged in a single cluster so all cartridges are removed at once. (Model EL-100)

** Models EL-190 - EL-560FL have cartridges installed on lifting rods so a single stack of cartridges are removed at one time for convenience.

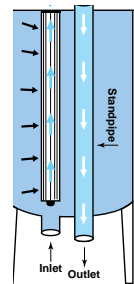
ADVANTAGES OF THE élan™ MODELS

élan™ Up-Flow filter housings outperform conventional filters because outlets are located *above* inlets to provide the following significant advantages:

- **NO** air entrapment in filter housing during operation.
- **NO** vents required because air is self-purged.
- **NO** lost capacity due to air pockets; entire filter medium is utilized at all times.
- **NO** by-pass during servicing; liquid can only exit filter housing after filtering.

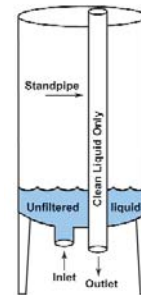
Additional Features

- Manufactured using durable 304 stainless steel; electro-polished for increased resistance to corrosion.
- Pressure-rated to 150 PSI (10 bar).
- Safety-lid closure with individual studs for security and easy-to-use wing nuts for closure without tools.



No air entrapment

Air is self-purged from élan™ Up-Flow filters because outlets (top of standpipes) are at the high point of the filters.



No by-pass during service

No liquid can bypass élan™ filters during servicing because standpipes are the "clean side" of the filter.