



Selecting a Series

Cim-Tek Filtration offers filters to accommodate a wide range of applications and flow rates. To determine which filter series will work best in your application, you first need to know the following:

- **THE FLOW RATE YOU THINK YOU HAVE OR WILL HAVE ON NEW INSTALLATIONS**
- **THE MAXIMUM PRESSURE CONDITIONS OF YOUR SYSTEM**

If you are replacing a spin on filter on an existing installation, you may also need to know the thread size. For additional assistance, please consult your sales representative.

Once you have this information, consult the table below:

SERIES/MODEL	MAX FLOW	MAX PSI
200, 250, 260, 300, 400, 450, 475	25 GPM	50
800, 800SL	40 GPM/ 80 GPM ON DUAL HEAD ADAPTER	50
CENTURIONS	30, 60, OR 90 GPM (DEPENDING ON HEAD)	50
VIKINGS	120, 150, 300, OR 500 GPM (DEPENDING ON MODEL)	150

UNDERSTANDING FLOW RATE

If flow rate is critical in your application and you are anticipating flow at or near the maximum flow rate for a given filter model/series, we recommend moving up in size.

Also, if you anticipate low temperatures, it may be best to go up in size, as cold temperatures can lead to reduced flow rates in some fuels due to changes in viscosity. The maximum flow rates given are under good conditions and moderate temperatures.

It's important to note that the filter is not the only thing in the system affecting flow. Even with a 35 GPM pump and an appropriately sized filter, you are not guaranteed to get 35 GPM out of the nozzle at all times. There are a lot of variables that can restrict flow other than the filter, including:

- Excessive or undersized plumbing
- Cold temperatures increasing the fluid viscosity
- Filter nearing the end of its useful life, meaning that it is clogging with contamination (water, particulate, etc.)