

6.4 Cartridge-type and high-permeability-type filters

6.4.10 Filtration rates

The design filtration rate of a cartridge-type filter shall not exceed the maximum values specified in Table [6.4](#).

Table 6.4
Maximum design filtration rates for cartridge-type filters

Filter design	Intended application	Maximum design filtration rate
depth-type	residential pool or spa / hot tub	8 GPM/ft ² (325 LPM/m ²)
depth-type	public pool or spa / hot tub	3 GPM/ft ² (122 LPM/m ²)
surface-type	residential pool or spa / hot tub	1 GPM/ft ² (41 LPM/m ²)
surface-type	public pool or spa / hot tub	0.375 GPM/ft ² (15 LPM/m ²)

The design filtration rate of a high-permeability-type filter intended for use with a residential pool or spa / hot tub shall not exceed 10 GPM/ft² (407 LPM/m²).

A depth-type or surface-type filter intended for public applications that demonstrates continued conformance to the head loss, turbidity reduction and cleanability requirements of the test standard after performing six complete soiling and cleaning cycles as defined in Section [N-2.4](#), may claim a maximum design filtration rate up to those rates specified for residential applications.