

LENTICULAR FILTRATION SIZING GUIDE

SUPRADISC II GRADE	APPLICATION	WINE FLOW RATE (gal/mod/hour)	
		12"	16"
EK1, EK, KS50, KS80 ZD EK, ZD 08**	Fine filtration, etc.	225-280 gph	700-755 gph
K100 – K900 ZD 10, ZD 25**	Polishing filtration	390-560 gph	1135-1515 gph
SUPRADISC II HP SERIES			
Dual Grades (non-backflushable)		180 gph	350 gph
SUPRADISC I			
AKS4 Carbon Media (non-backflushable)		250 gph	Available in 12" only



Throughput will depend on many variables like turbidity, filterability, pump choice, etc. Typically, throughput/lifespan for [SDII](#)'s in wine is approximately 1,000 gallons per 12" and 3,000-4,000 gallons per 16" with 3-5 regenerations*

*[Depends on proper grade selection](#). A coarser media will yield higher throughputs, going too tight, too soon will yield lower throughputs and possible stripping of the wine.

**You can expect approximately 50% water savings with the ZD modules compared to regular media.

[HP Series](#): Expect approximately 500 gallons per 12" and 2,000 gallons per 16". Includes 3-5 forward flow regenerations. For optimal conditions, [regenerations](#) should be performed before a differential pressure of 17psi is reached.

This sizing guide is typical for wine, but for colloidally-challenged beverages such as cider, mead, beer, etc., expect lower speeds and throughputs.



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