

## UF/RESIN BASED pH REDUCTION SYSTEM FOR WINE



### ADVANTAGES OF VA FILTRATION pH REDUCTION PROCESS FOR THE WINE MAKER

- Reduce the need for the addition of tartaric acid to lower pH of wine
- Able to process up to 1,500 gallons per hour of wine prior to regeneration being required (PHC400D).
- On-board pump to supply wine to the system at the required flow rate 200D & 400D models only.
- 200 liter and 400 liter columns available in dual configuration.
- Budget system available - 100Q
- Conductivity Monitoring before and after processing to indicate resin saturation. 200D & 400D only
- Stainless steel piping manifold.

### TECHNICAL INFORMATION

System Flow Rate:	2000 l/hr Model PHC100Q 2000 l/hr Model PHC200D 4000 l/hr Model PHC400D
Resin Capacity	400 liter quad arrangement PHC100Q 400 liter dual arrangement PHC200D 800 liter dual arrangement PHC400D
Processing Capabilities:	4000 liter processing capacity PHC100Q 4000 Liter processing capacity PHC200D 8000 Liter Processing Capacity PHC400D Assumes series process but duty/standby also possible
Power required:	380V (3 amp)
Water required:	Yes . For regen purposes
Nitrogen required:	Yes. For purging of wine
Max. wine/juice NTU	20 NTU
Max Operating Pressure	6 Bar (75 psi)
Chemical Consumption per regeneration (both columns)	100 Liters HCl (35% strength) PHC200D 200 liters HCl (35% Strength) PHC400D
Water Consumption per regeneration (both columns)	1500 Liters (PHC200D) 3000 Liters (PHC300D)