

SP Genevac evaporators are robust systems designed to be resistant to the most common solvents and acids used within the chemistry laboratory, including TFA, DCM (methylene chloride), and DMSO.



For laboratories who wish to use strong acid chlorides, special models of SP Genevac systems exist which are specifically designed to be compatible to these highly corrosive acids.

Some manufacturers claim their unmodified systems are resistant to HCl, however the experience of SP engineers shows that to be truly suitable for routine evaporation of acid chlorides special resistant materials such as Hastelloy and PTFE must be used in place of materials which would suffer from HCl attack. Materials such as these are used in SP Genevac HCl compatible systems.

SP Genevac HCl compatible systems must be used in conjunction with suitable vapor handling and/or neutralizing apparatus. Despite the efficiency of SP Genevac condensers HCl vapor does pass through the system and must be ducted safely away. HCl cannot be used in any SP Genevac evaporator other than those specifically designed for the purpose.

HCl compatible systems are suitable for use with high concentrations of Hydrochloric Acid (HCl) and Thionyl Chloride. If you have another solvent which you would like to use but are not sure of the compatibility of your system, please contact SP.

Available Systems

The following SP Genevac evaporation systems have an HCl option. This option must be specified at that time of order and cannot be retrofitted. For further details and pricing please contact SP or your local representative.



SP Genevac HT Series 3i



SP Genevac EZ-2 4.0