



ChemSeal™

ChemSeal solvent-sealed liquid ring vacuum pump systems

ChemSeal custom-engineered solvent-sealed liquid ring vacuum pump systems are specifically designed for the recovery of a variety of solvents. The inherent design features of the liquid ring pump have the great advantage of being able to use solvents as the seal liquid.

DEKKER Vacuum Technologies has extensive experience in the engineering and manufacturing of solvent-recovery vacuum pump systems for a wide variety of applications. Whether an application is simple or complex, DEKKER application engineers will offer the best solution at an affordable price.

DEKKER's ChemSeal solvent-sealed liquid ring vacuum pump systems are used in the Chemical and Pharmaceutical industries for solvent recovery in applications such as distillation and vacuum drying. They may include a pre-condenser with condensate receiver and an after-condenser. The combination achieves a very high solvent-recovery rate. Systems can be manufactured in standard materials as well as a variety of special materials such as stainless steel and hastelloy.

The ChemSeal system shown here was custom-designed for use in the Pharmaceutical Industry on a vacuum dryer. All wetted parts are constructed in 316L stainless steel. The system offers high reliability with minimum maintenance costs.

