

Model 1399 is an economical single stage pump, effective for many vacuum distillation and manifold (Schlenk line) applications. Single stage design makes pump tolerant of continuous operating pressures above 10 torr. Ultimate vacuum is 0.015 torr; flow is 35 L/min.

Model 1400 is effective for drying using large manifolds (Shlenk lines). 25 lpm flow rate enables thorough drying while providing sufficient cold trap residence time to allow solvents to condense. With ultimate vacuum <0.001 torr, Model 1400 is also suitable for many concentrating, drying, and degassing operations as well as rotary evaporation of low-volatility solvents.

Model 1405 provides versatile effectiveness for drying operations throughout the laboratory. With ultimate vacuum <0.001 torr, and maximum 90 lpm flow, use Model 1405 for vacuum ovens (to 4.5 ft³), small metal glove boxes, etc.

Model 1402 provides versatile effectiveness for drying operations throughout the laboratory. With ultimate vacuum <0.001 torr, and maximum 160 lpm flow, Model 1402 is the pump of choice for vacuum ovens (to 9 ft³), metal glove boxes, and freeze drying of routine samples.

Model 1376 is for use on freeze dryers up to 25L and chamber evacuations up to 11 ft³. Use of a cold trap is recommended in the presence of condensable vapors to protect the pump and enhance vacuum levels.

Model 1397 can be used to achieve rapid, efficient deep vacuum for chambers up to 18 ft³.

Model 1374 can be used to achieve deep, efficient evacuation of chambers up to 23 ft³.