

ABSTRACT

A vacuum pump capable of improving cleaning performance is provided. A heater 11, purge gas introduction ports 12, 13, a purge gas valve 14, and an exhaust valve 16 are provided. As an operation mode, a cleaning operation mode capable of sublimating deposits in a turbomolecular pump 100 is provided. In the cleaning operation mode, at least one of the heater 11, the purge gas valve 14, and the exhaust valve 16 is controlled, and a pressure in at least a part of an interior of the turbomolecular pump 100 is increased to a pressure region with which a temperature is greater than or equal to a sublimation temperature of the deposits in the turbomolecular pump 100 and that causes an intermediate flow or a viscous flow.

10 [Selected drawing] Fig. 1