

UNIFLOW KC-III

Class III safety cabinet



Class III safety cabinet KC-III stainless steel

The KC-III safety cabinet provides a safe working chamber for the operator and environment alike when handling hazardous materials and performing biological research.

The cabinet's construction is sealed and airtight. Work is performed mechanically with gloves. The air inside the cabinet is filtered, and the exhaust system prevents particles from escaping.

Safety cabinet KC-III is designed, manufactured and tested according to the standards of the safety cabinets: *BS 5726*.

The operator is totally separated from the working area. Completely closed, airconditioned and gas tight safety cabinet offers protection to the user also during a malfunction on the fan by preventing the escape of particles.

Supply air of the safety cabinet is sucked through a pre-filter and a HEPA filter from the room. The handled materials are kept clean by this sterile air. The air is exhausted from the working chamber through another HEPA filter to the exhaust duct.

Mark the exhaust duct with Biohazard-sign. During the operation there is a negative pressure of 200PA in the working chamber.

The main filters are leak-tested, high efficiency HEPA-filters which meet the requirements of Federal Standard 209E and whose DOP degree of separation according to the MIL 282 standard is at least 99,997% for particles having an average diameter of 0,3µm or larger.

Filters are mounted against the double sealing surface of U-profile.

That ensures tight mounting between filter and frame of the cabinet.

In normal use operation life of filters is over 5 years.

Specifications:

Dimensions (wxdxh):	1265x650x2160mm
Working space dim.:	960x610x680mm
Power:	230V / 330W