



Faster KBN
Horizontal Laminar Airflow Cabinets



Protection, safety, reliability. And more.

FASTER KBN APPLICATIONS

KBN Cabinets have been adopted in use for product protection from airborne contamination or while handling not-pathogenic biological specimens in applications such as:

Sterility Test, Microbiology, In Vitro Fertilization, Preparation of ophthalmic solutions, Preparation of culture media, Assembly of electronic devices, Nutritional Parenteral Therapy, Assembly of medical devices.



FASTER KBN
**BEYOND MINIMUM
SAFETY
REQUIREMENTS**

KBN Cabinets are "Class 100" (M3.5) or "ISO Class 5" horizontal laminar flow cabinets which represent far more economical and valid alternatives to clean-rooms, as they are capable of providing uncontaminated, particle-free and sterile conditions for materials in the work-space.

They guarantee and maintain excellent product protection factors by offering a decontaminated working area by virtue of the pre-filter with a minimum efficiency of 80%-90% ASHRAE - and the HEPA filter with an efficiency better than 99,995 % MPPS (H14 – EN:1822).

The KBN horizontal laminar airflow cabinets have epoxy powder coated steel structures and an AISI 304L stainless steel working surface.

Alternatively special models made in AISI 304L stainless steel for superior cleanability are also available on demand.



FASTER KBN SUPERIOR FEATURES

Structure of the KBN model horizontal LAF cabinets is in epoxy powder coated cold-rolled steel for excellent corrosion resistance to the attack by aggressive common chemicals.

Alternatively special models made in AISI 304L stainless steel for superior cleanability are also available on demand.

Work Surfaces are made in stainless steel AISI-304L (standard version) - or made of non-reflective plastic laminate panel (special version) on demand.

Transparent side walls in safety glass and flexible frontal closure shutter (available as an option).

Membrane keyboard front panel with touch-sensitive buttons for: main On/Off switch, light, power socket, night mode and UV lamp. It is fitted with digital display for indicating air velocity, in case the cabinet is equipped with anemometer or automatic airflow control.

UV sterilizing lamp available as added option - complete with a flexible front shutter in order to close the working area from dust and for the safety of operators.



Range of accessories for a wide variety of requirements.



FASTER KBN TECHNICAL SPECIFICATIONS

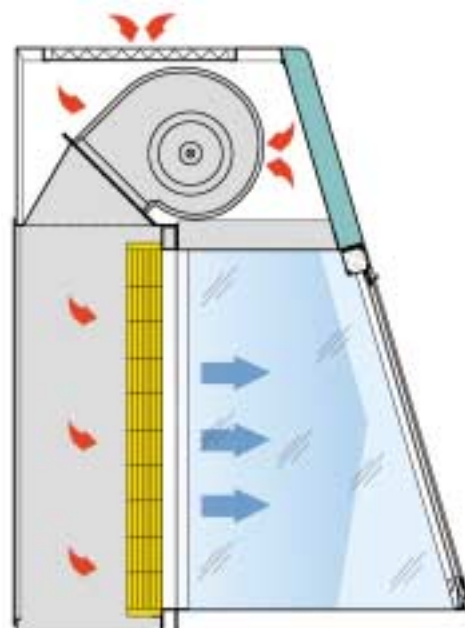
ACCESSORIES

	Code	Dimensions (mm)		Power Kw	Supply V/Hz	Weight Kg	Front Aperture Height mm	Noise dBA
		Useful LxAxP	Overall LxAxP					
		KBN 3	F74 200210	884	945	0.70	220-230/50	104
KBN 4	F74 200220	1190	1250	0.90	122			
KBN 5	F74 200230	1494	1555	1.40	171			
KBN 6	F74 200240	1880	1860	1.40	194			

F74 200910	Epoxy powder painted modular stand for KBN-3
F74 200920	Epoxy powder painted modular stand for KBN-4
F74 200930	Epoxy powder painted modular stand for KBN-5
F74 200940	Epoxy powder painted modular stand for KBN-6
F74 200510	UV lamp and PVC shutter for KBN-3
F74 200520	UV lamp and PVC shutter for KBN-4
F74 200530	UV lamp and PVC shutter for KBN-5
F74 200540	UV lamp and PVC shutter for KBN-6
F74 200610	PVC shutter for KBN-3
F74 200620	PVC shutter for KBN-4
F74 200630	PVC shutter for KBN-5
F74 200640	PVC shutter for KBN-6
F74 200750	Automatic speed regulator and digital anemometer
F72 709076	D.O.P. inlet
F72 700770	Service connection for electrical power
F74 200760	Service connection for gas/vacuum (manual tap)
F72 700790	Differential pressure gauge
F72 700780	Hour counter
F72 709176	Stainless steel bar for bags to be fitted on KBN-3
F72 709177	Stainless steel bar for bags to be fitted on KBN-4
F72 709178	Stainless steel bar for bags to be fitted on KBN-5
F72 709179	Stainless steel bar for bags to be fitted on KBN-6

OPERATIONAL PRINCIPLES

The ambient air is drawn in from the top through the upper part of the cabinet via a pre-filter and it then passes after filtration through a HEPA filter into the working area in a horizontal laminar air flow pattern and exhausted outside.



External air ←
Sterile air ←

EN ISO 9001:2000 quality assured firm
Certificate n°112



Distributed by: _____

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