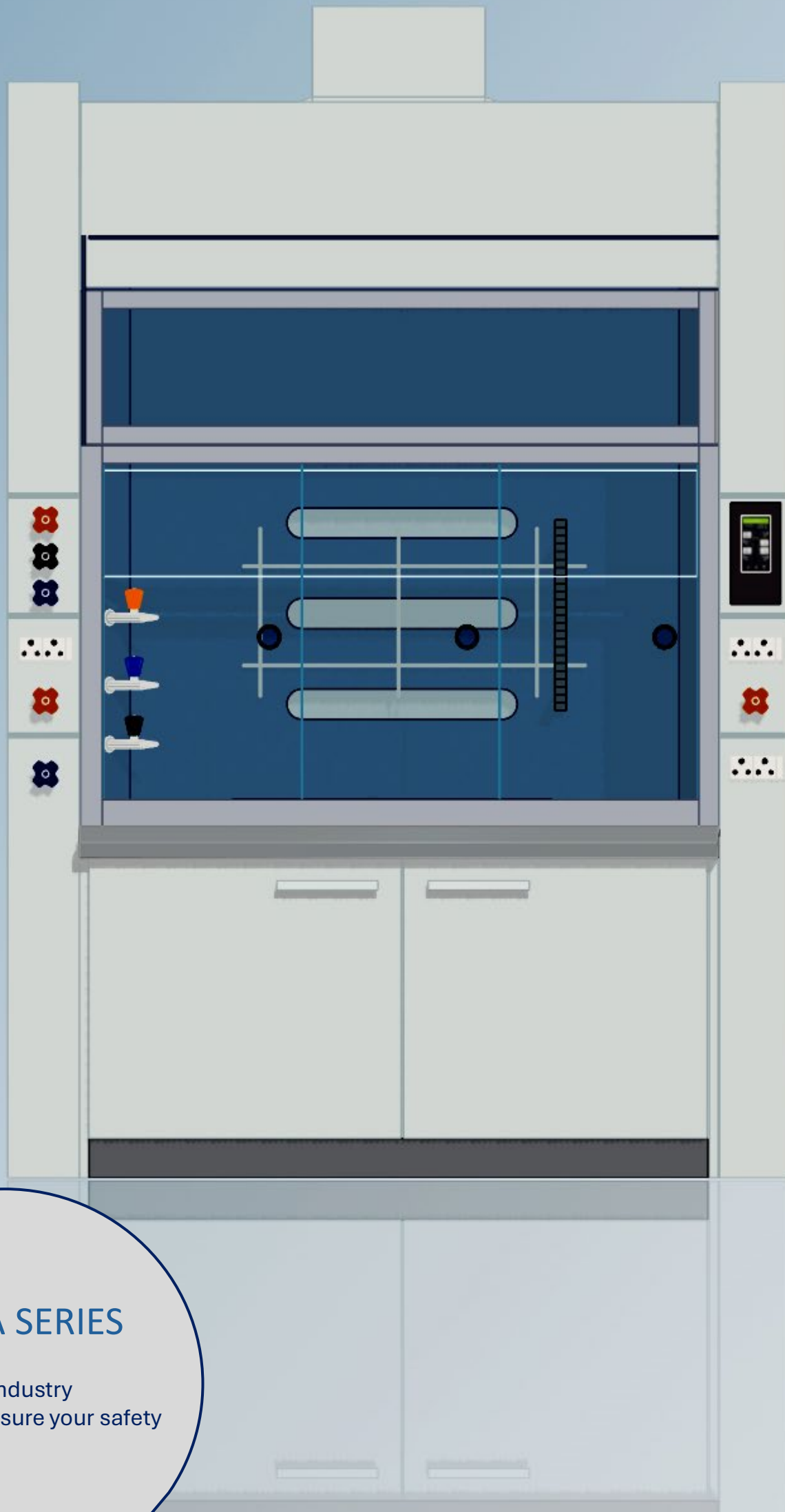
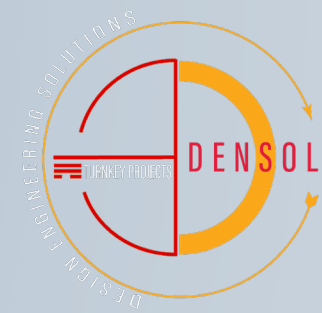




AVINYA SERIES

We go beyond industry standards to ensure your safety and efficiency.

DENSOL AVINYA SERIES FUME HOODS



"Since the inception of our company, our mission has been to transform our customers' needs into user-focused, customized furnishing solutions."

Our equipment system features a highly versatile modular structure of standard elements, which can be combined in virtually any configuration. This flexibility allows us to meet even the most specific requirements using standard components.

The various service supply systems and cupboard variations can be seamlessly integrated with our comprehensive fume cupboard program. To cater to your individual needs,

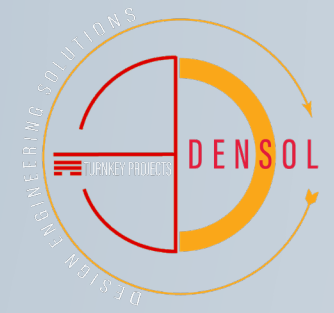
We offer a team of qualified professionals from our company who are available to assist you in planning and designing your laboratory furniture.





AVINYA SERIES

This design maintains safety while significantly improving energy efficiency, making it ideal for laboratory environments.



DENSOL ENGINEERING SOLUTIONS FOR ENHANCED PERFORMANCE AND EFFICIENCY

1. Turnkey Projects

We specialize in providing comprehensive turnkey solutions. From concept to completion, we manage every aspect of your project, ensuring it is ready for immediate operation upon handover.

2. Design and Engineering

Our team of experts delivers innovative design and engineering solutions tailored to your specific needs. Whether it's architectural design, structural engineering, or system integration, we ensure every detail is optimized for functionality and efficiency.

3. GLP Laboratory

We design and build Good Laboratory Practice (GLP) compliant laboratories that adhere to the highest standards of research integrity. Our labs are equipped to support scientific research, testing, and development while maintaining strict regulatory compliance.

4. Clean Rooms

We offer clean room design and construction services, ensuring environments meet stringent cleanliness standards. Ideal for industries such as pharmaceuticals, biotechnology, and electronics, our clean rooms are built for precision and safety.

5. Office Spaces

We create professional office spaces designed for productivity, comfort, and efficiency. From layout planning to furniture selection, we tailor office environments to meet the needs of modern businesses.

6. Operations Safety

is our priority. We provide comprehensive operations safety services, including risk assessments, safety protocols, hazard identification, and compliance with safety regulations, ensuring that your workplace operates safely and efficiently.

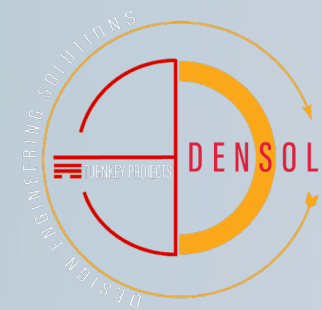
7. Maintenance

We offer ongoing maintenance services to keep your systems, equipment, and facilities in optimal condition. Our team ensures that your infrastructure runs smoothly, minimizing downtime and maximizing performance.

AVINYA SERIES

This design, using HPL material for interior cabin walls and worktop, makes FH highly corrosion-resistant.

AVINYA SERIES COUNTER TOP FUME HOODS



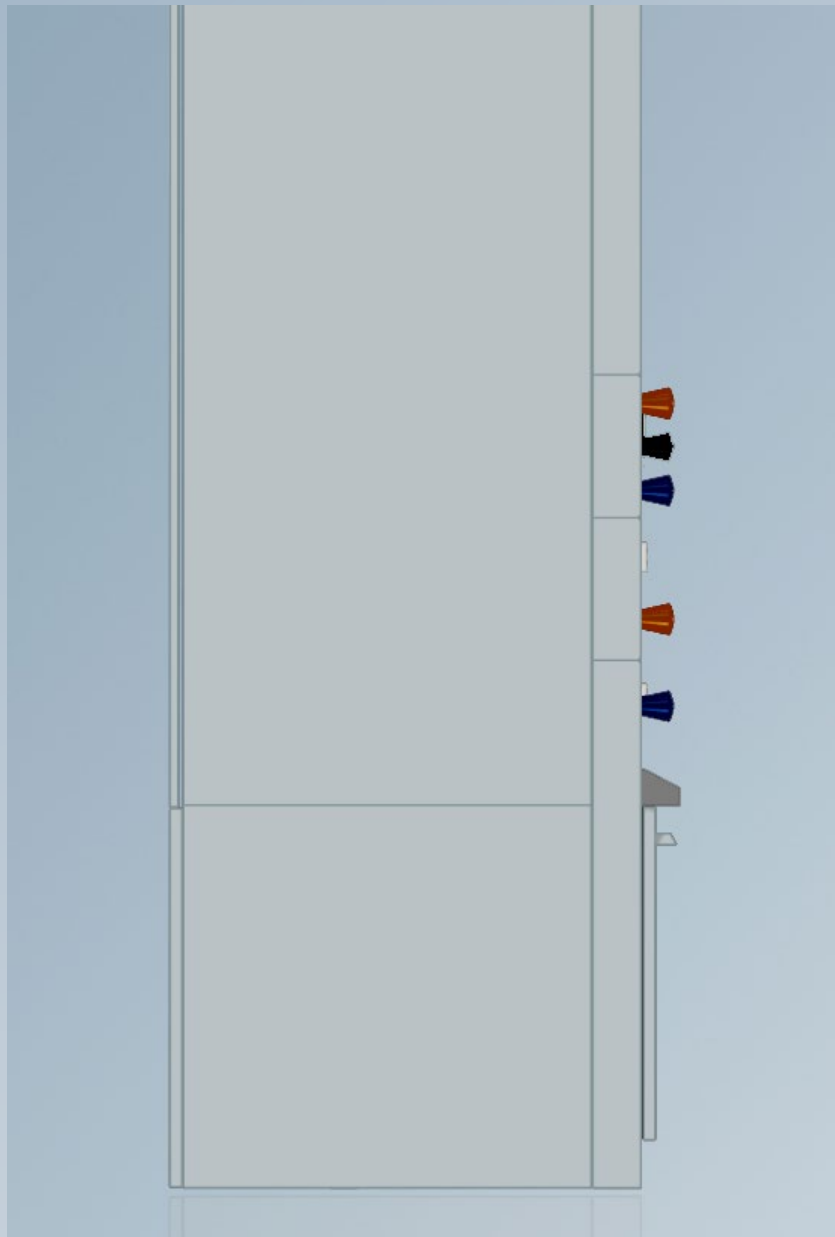
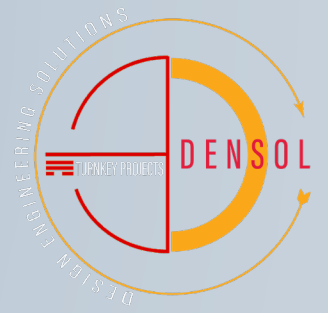
Dimensions in mm & Volume flow in m³/h				
Width	1200	1500	1800	2000
Front height	2300/2550	2300/2550	2300/2550	2300/2550
Housing height	2300/2600	2300/2600	2300/2600	2300/2600
Depth	900	900	900	900
Usable space width	1100	1400	1700	1900
Usable space height	1190/1490	1190/1490	1190/1490	1190/1490
Usable space depth	800	800	800	800
Working height	900	900	900	900
Minimum permissible volume flow **	450	530	680	800
Volume flow to be adjusted	480	600	720	840
Maximum permissible volume flow	1500	1500	1500	1500



AVINYA FH

We go beyond industry standards to ensure your safety and efficiency.

AVINYA SERIES FUME HOOD STANDERD VARIENT



The AVINYA series Fume Hood Is our standard excellent Value, high performance Model, used successfully throughout our projects.

The one series Fume Hoods Are the ideal choice for a Low volume, high efficiency Solution.

Range of fume hoods have undergone extensive testing and development and have achieved containment levels that are currently best within the industry.

AVINYA SERIES FUME HOOD

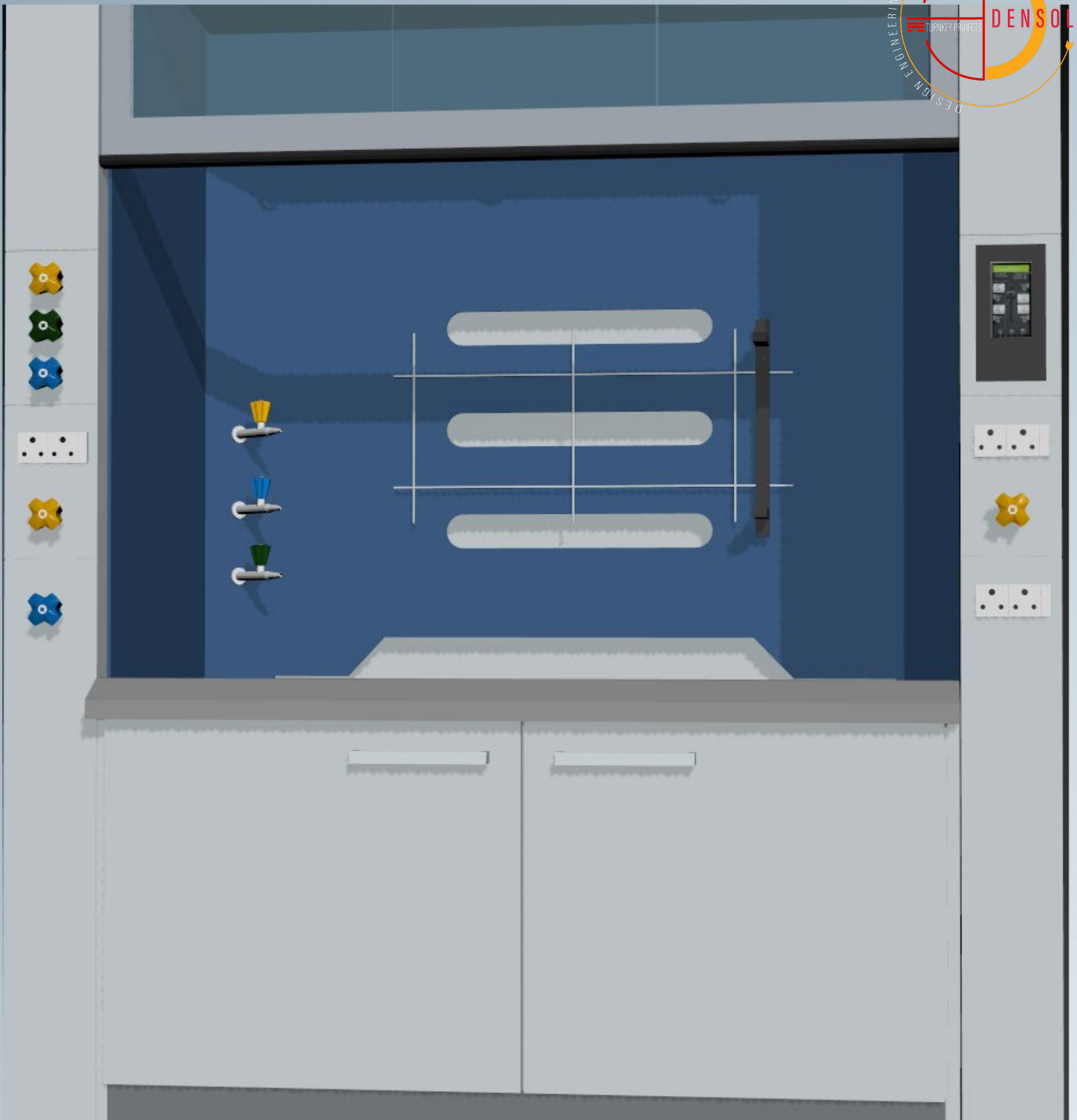
Best value

Low volume

Excellent containment

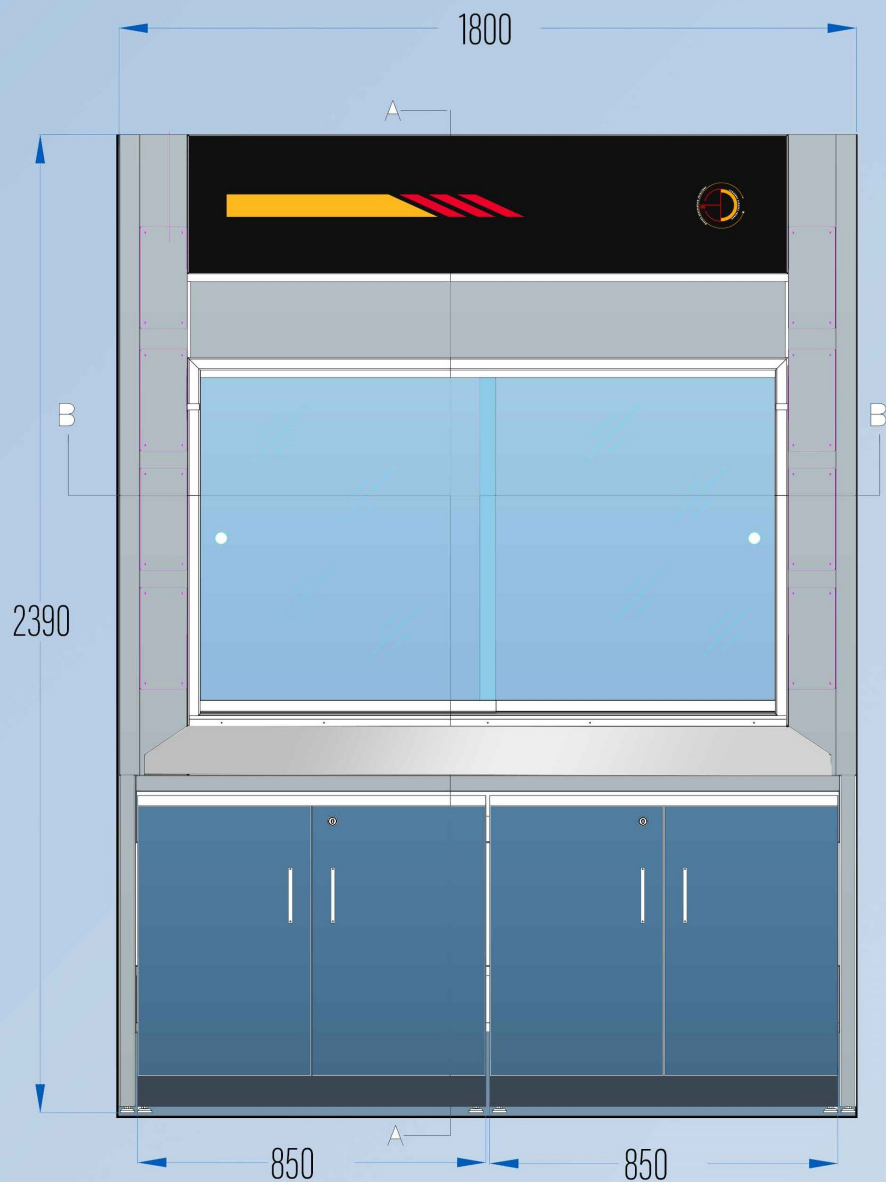
High efficiency





AVINYA SERIES

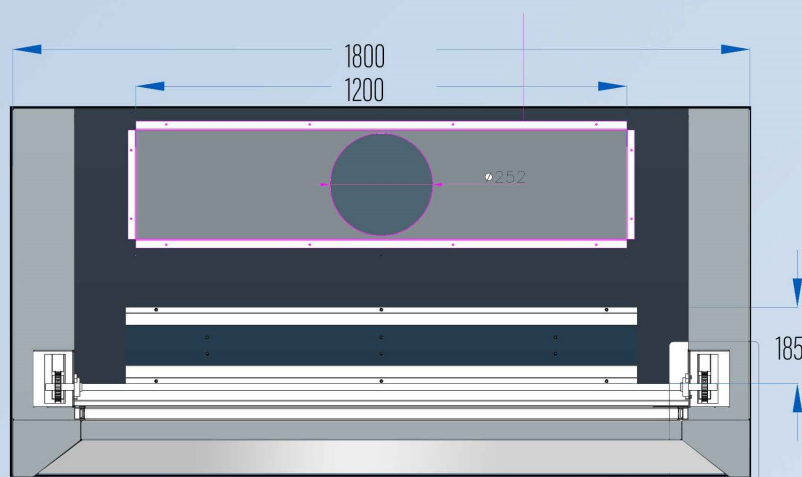
This design maintains safety while significantly improving energy efficiency, making it ideal for laboratory environments.



AVINYA SERIES FUME HOOD SYSTEMS

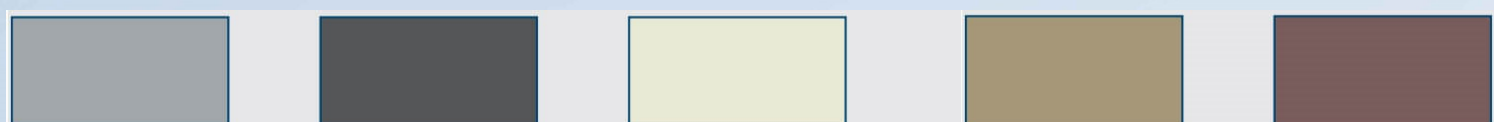
Systems designed for the safe handling of hazardous materials in the laboratory ensure proper containment, minimize risks, and protect both personnel and the environment.

Supplying electrical and service needs through service pendants ensures flexible and efficient distribution while enhancing accessibility and organization.



Under bench units provide secure safekeeping and storage for laboratory materials, including hazardous substances, ensuring safety and organization.

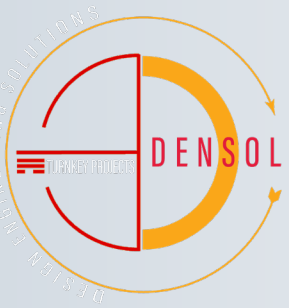
Powder Coated/RAL Colours





AVINYA SERIES

This design maintains safety while significantly improving energy efficiency, making it ideal for laboratory environments.



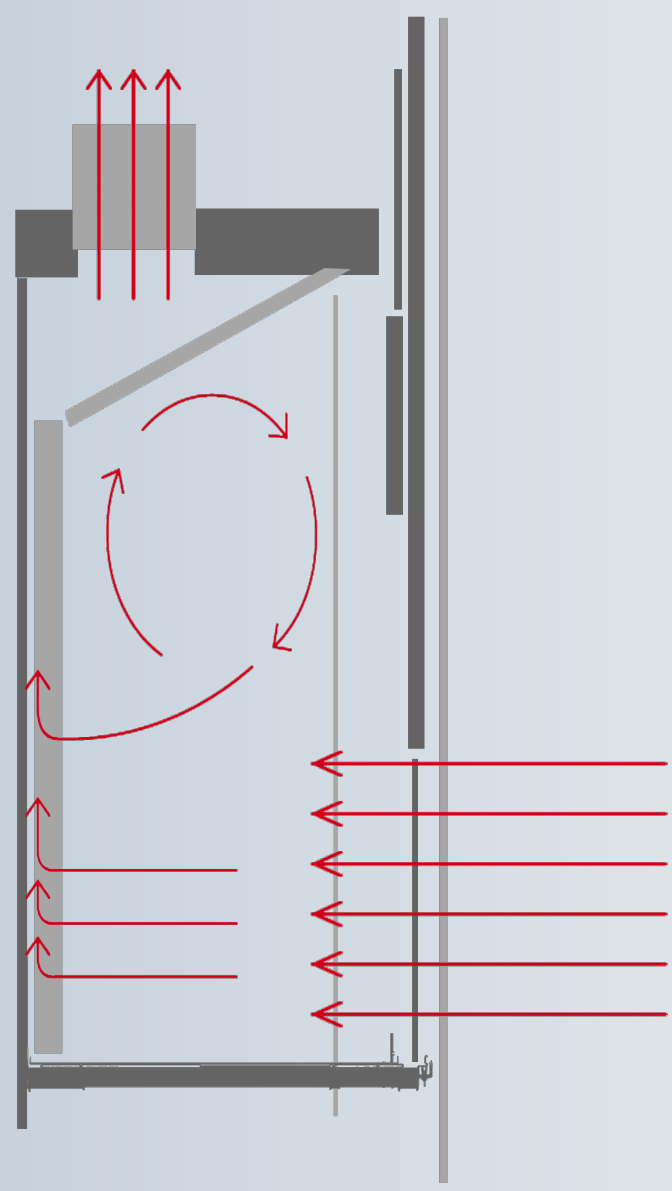
AVINYA SERIES TECHNICAL SPECIFICATION

Tested safety at 250 m3 / h per running metre

Reduces the operating costs of the fume cupboard by up to 30 percent depending on the room conditions.

Reduces the investment costs of the exhaust air system.

Exemplary sustainability
Environmental protection through low energy consumption.



FUME HOOD SIZE	External Width	Internal Width	Volume Flow (m³/s)						Approx Weight (kgs)
			500mm Sash Opening			400mm Sash Openings			
			0.3 m/s	0.4 m/s	0.5 m/s	0.3 m/s	0.4 m/s	0.5 m/s	
1200	1200	900	0.135	0.18	0.225	0.108	0.144	0.18	120
1500	1500	1200	0.18	0.24	0.3	0.144	0.192	0.24	140
1800	1800	1500	0.225	0.3	0.375	0.18	0.24	0.3	155
2000	2000	1700	0.255	0.34	0.425	0.204	0.272	0.34	175



ISO 17025
Certified

44, Prajapath Rd, NGEF Layout,
Stage 2, Chandra Layout,
Bengaluru, Karnataka 560072



AVINYA SERIES

This design enhances operational safety while optimizing energy utilization, making it highly suitable for laboratory settings