



AGORA®
CLIMATE CONTROL SYSTEMS
Treating Air For Life

Your Partner for Quality
**Environmental
Solutions**





About Us

Agora Climate Control Systems is a healthcare, clean room designing company with an in-house advance manufacturing setup, providing hygienic environment solutions for critical areas of the hospital and nursing homes like ICU, NICU, operating rooms and isolation chambers.

Our strength lies in providing a sterile environment with quality environmental solutions from a dedicated pool of highly qualified professionals from various facets of the designing & planning industry.

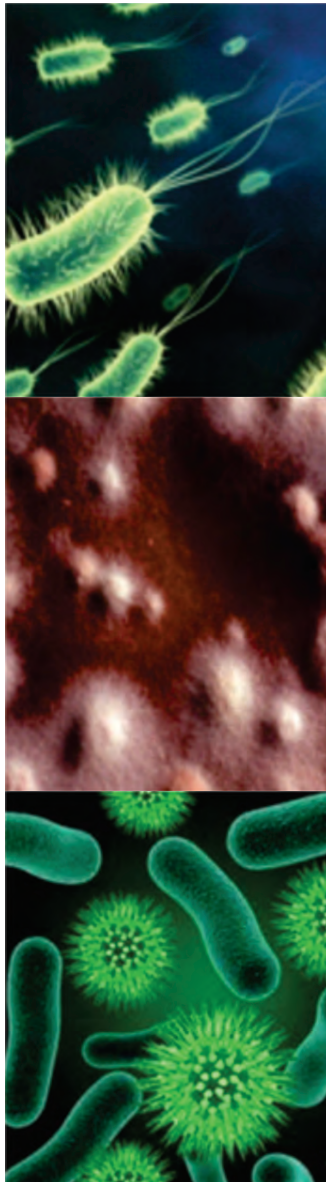
Our core competency is in psychrometry (science of studying the thermodynamics properties of air) thermodynamics, particle filtration and refrigeration. Our experience and sound knowledge of our niche helps us in identifying the weak points and better assist the planner in creating concepts for optimal logistical processes.

The company rigorously follows the NABH, ASHRAE, HTM, DIN, GOST and other international guidelines in all its projects.



The Combination of Laminar Flow and Air Treatment System

Air quality and the environment of the operating rooms is always a matter of deep concern. Agora Climate Control Systems manufactures Air Treatment Units that provide bacteria, virus and fungus free features with particle level and air movement parameters added to its functionality. Our company manufactures a vast plethora of models and designs of Air Treatment Systems for operating rooms. This helps the planners to avail the benefit of finding the perfect solution according to the size of their operating rooms and budgets.



Environmental Solution



Infection Control – The Core Objective

Operation theatres are not safe to operate without a sterile environment. Thermohigrometric conditions, room pressure gradient, air changes, HEPA filtration, UVGI, photo hydroionization are important parameters that needs to be addressed primarily.

Agora designed climate control units are fully equipped with all the necessary mechanism to control post-operative infections in OTs to maintain a safe and sterile environment. Our design and research team only opts for quality raw materials and equipments, certified by international bodies to ensure better performance and higher quality of our products.

At the very beginning of a project, we aim to come to a consensus with our client regarding the agreed parameters, we want to achieve. We believe, the success of our project can only be measured through the performance of our units in its complete life cycle.

Wall & Ceiling Systems

Solid, non-porous, non-organic and homogenous surfaces are the technical necessities of any clean room or operation theatre interiors.

- ✓ Well surface treated walls and painted O.T. with antibacterial, antifungal paint along with 300 micron film thickness including with or without metal clad wall and false ceiling.
- ✓ Factory fabricated metal room with self-standing frames. Metals used are stainless steel, powder coated or galvanized steel.
- ✓ Solid Alumina mineral panels or high pressure laminated cladding.



Flooring

- Thermal welding of closed seams as well as socket strips from the flooring.
- Antistatic and conducive special flooring.
- Permanent electrostatic watertight closed surfaces with vapour barriers.



Doors

Environment isolation, room pressure gradient, control and access convenience are technical objectives that need to be achieved.

Alternatives Available

- Hermetically sealed automatic sliding door
- Manual push, pull and swing metallic door with stainless steel and powder coated finish.



Amplify Your Operating Room Convenience with Modern Technology

Double Arm Surgical Pendant

Integrating medical gas outlets, power sockets, data communication ports, monitor stands and various instruments mounting arrangement at one device variant

- Fixed Pendants
- Armed Pendant
- Manual Operation
- Motorised Remote Operated Operation



X-Ray Image Viewer

- Digital & Analogue X-Ray image viewer ergonomically integrated in walls.
- Keyboard and touchpad are anti microbial
- Certification in accordance with the MPG (German Medical Product Liability Laws) and EC Standards.



Surgeon Panel

Individual Control of:

- Air conditioning system & surrounding lights
- Operating theatre lamps
- Operating table
- Monitoring of the medical gas supply and the IT network



Surgical Scrub

Operating theatre washing stands are made up of high quality stainless steel, solid mineral board with touch free automatic mechanism to fulfill the requirements of clinical staff and doctors.



Hygienically Integrated Lamps

- Hygienically integrated lamps (Protection Class IP 65)
- Single - pane laminated safety glass in an aluminum frame





TURN-KEY SOLUTION

Our range of services include layout and technical planning of individual projects, construction, manufacturing, installation and start-up.

We allow our customer to select from the entire spectrum of our services or individual projects.

OTHER PROJECTS

- IVF Labs
- ICU
- NICU
- Isolation Rooms
- Research Labs

CONTACT US

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