

AARON



COMPANY PROFILE

**AARON VISION
BROCHURE**



**“AARON
is the best partner”**

COMPANY OVERVIEW

OUR OFFICE LOCATIONS



AARON established its headquarters in South Korea in 2000



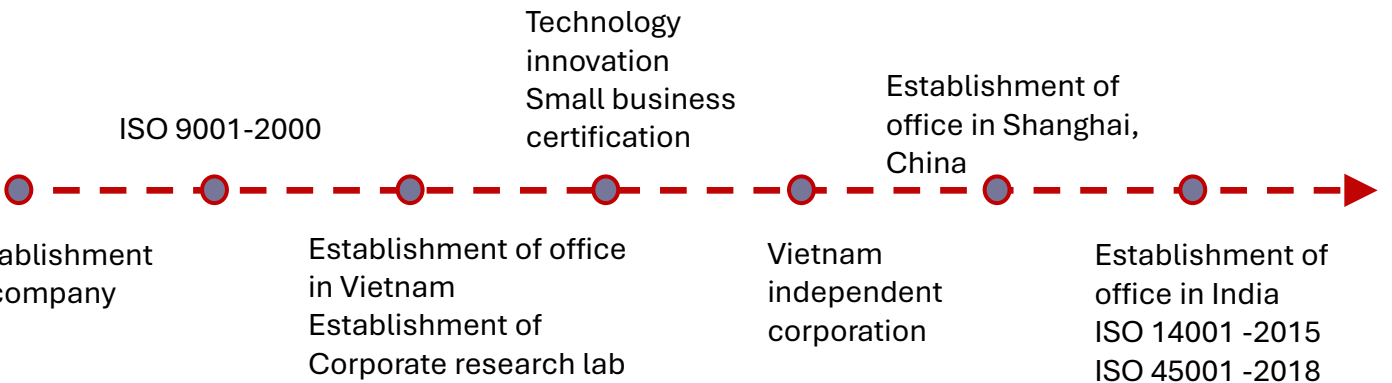
AARON established its office and corporate research lab in Vietnam in 2007



AARON established its office in Shanghai, China in 2014



AARON established its office in India in 2021





“We will be reborn as a global company that provides the best technology and total solutions to our customers”

—Aaron CEO. 2024

Since its inception in 2000, Aaron has grown into a B2B customized equipment technology company specialized for clients, providing a total solution for various infrastructure facilities, including clean rooms, gas systems, utilities, and scrubbers. We also offer production equipment and FAB operations in the semiconductor, secondary battery, solar power, optical fiber, and smart glass industries



Core Value: “Innovation matters!”

- ◆ On-site Innovation
- ◆ Technology Innovation
- ◆ Organizational Culture Innovation

Our Culture:



Challenge



Trust



Communication



Growth



Autonomy



Top Orientation



Client recommendation rate: 89%

Aaron consistently earns high client recommendations by continually reflecting on and improving itself. We strive to uphold our commitment and deliver the best services with relatively high cost-effective products in the industry.



Project Case Number: 300+

With a robust portfolio, Aaron has received more than 300 project offers from all over the world, showcasing its expertise and reliability in delivering successful outcomes and the best service for each client for 24 years from DAY 1.

PRODUCT FIELDS

Process Equipment

Target customers:

- Clients who wish to start their business in fiber optic preform or semiconductor quartz ring



Clean Room

Target customers:

- Clients who wish to build their Cleanroom for manufactural system



ICR [INDUSTRIAL CLEAN ROOM]
BCR [BIOLOGICAL CLEAN ROOM]
GMP / GLP / BIO
HACCP, FAB CONSTRUCTION

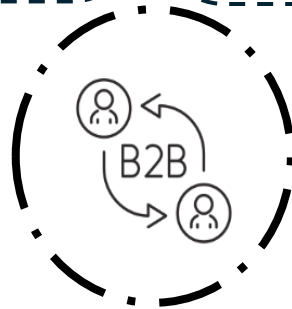
Speciality Gas Supply System



Target customers:

Clients who wish to

- Build their gas supply system for their manufactural system
- Apply for Semiconductor, solar, optical fiber, etc.



Utility



Target customers:

- Clients who wish to build their utility for their manufactural system

C.D.A (Clean Dry Air) P.C.W (Process Cooling Water) · Exhaust · D.I (Deionized Water) · Vacuum

Speciality Gas Plant



Target customers:

Clients who wish to

- Build the gas synthesis or purifying system
- Apply for raw material to target gas, increase purity of the gas



We sell

Aaron specializes in providing comprehensive B2B technology solutions, including cleanroom technology, vacuum furnace machines, high-precision gas systems, and machinery for preform and quartz ring manufacturing. Core offerings encompass advanced technologies for diverse industries focusing on precision, contamination control, and high-quality manufacturing processes.



We collaborate

Aaron extends a warm welcome to companies worldwide in related fields, emphasizing a collaborative approach. Aaron actively seeks partnerships and collaborations to leverage collective expertise and drive innovation in advanced manufacturing, fostering a global network of industry collaboration.



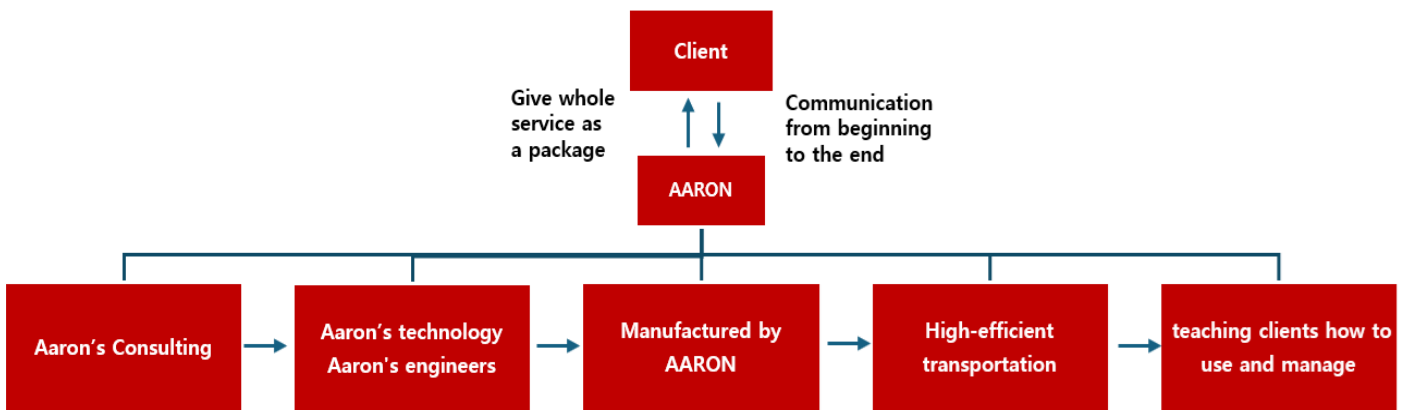
We operate

Aaron operates as a turnkey solution provider, managing the entire process from cleanroom design to the implementation of specialized machinery and utilities. With a global perspective, the company operates sustainably, incorporating He recycling systems and promoting environmentally responsible practices in the high-precision manufacturing sector.

BUSINESS MODEL

MODEL 1: We are a “Turnkey Solution Provider”

We offer a comprehensive and ready-to-use solution to clients. The term "turnkey" is derived from the idea that the client just needs to "turn the key" to start using the solution, as everything necessary for the project's completion is included in the package.



MODEL 2: We provide excellent "Strategic Outsourcing" to meet our clients' every Manufacturing Need!

AARON offers its clients the flexibility to outsource specific parts based on their unique needs (including cleanroom, pipeline system, speciality gas system, scrubber, etc.)

Item	Client	Aaron
Core Technology	☑	
Pipeline system		☑
Cleanroom		☑
Scrubber		☑
Gas system		☑
Other Utility in AARON's product list		☑

PRODUCT LIST

1. Speciality Gas Supply System 1-1 Gas Cabinet



Product introduction

The device supplies a small amount of special gas and can detect gas leaks through the installation of various safety devices and automatic operation based on programs. This prevents operator errors and ensures the safe supply of gas.

Specifications

Supply method : : Auto Change Type
Regulation : PLC & Touch Screen
Supply unit : Below 54L Cylinder
Supply flow-rate : 0.1 ~ 120 SLPM
Supply Pressure

- High Pressure - 7 ~ 40 Kg/cm²
- Low Pressure – 0.1 ~ 7 Kg/cm²

Product Application:

As per user's requirements.



Certification list
Semi – s2, s6

1. Speciality Gas Supply System 1-2 VMB(Valve Manifold Box)



Product introduction

VMB is a device that receives gas from a gas supply unit, branches it into multiple streams, and supplies clean gas to process equipment at the required pressure. It is easy to expand and manage the supply piping.

Specifications

Supply method : Inlet 1~2 & Outlet 4~12
Regulation : PLC & Touch Screen
Supply flow-rate : 1 ~ 100 SLPM
Supply Pressure : 0.1 ~ 7 Kg/cm²

Product Application:

As per user's requirements.

1. Speciality Gas Supply System 1-3 Jungle Box

Product introduction

Jungle Box is for responding to changes in the processes of semiconductor, FPD, and LCD manufacturing, we design and reconstruct the GAS supply MODULE and CONTROL unit of the main equipment with accumulated technical expertise, providing optimal conditions.

Product Application:

As per user's requirements.



Certification list
Semi – s2, s6

1. Speciality Gas Supply System 1-4 Gas Rack



Product introduction

Aaron Gas Rack's mass customization and modular design concepts of the gas panels & controls architecture have combined to widen the product configuration spectrum and greatly increase user flexibility.

Product Application

Increase productivity by gas down time zero base
Cut down expense by lessening the number of the gas cabinet
System & safety option same as gas
Equipment Option : As per user's requirements

Product introduction

The Bulk Speciality Gas System (BSGS) is a state-of-the-art distribution system designed for safe, automatic delivery of bulk speciality gases.

Product Application

Inert, toxic, hazardous gases; semi-auto or fully automatic PLC-based control with the touchscreen interface.
Automatic crossover with configurable auto-purge and optional deep pigtail purge High-flow and ultra-highflow design.

1. Speciality Gas Supply System 1-5 BSGS



Certification list
Semi – s2, s6

1. Speciality Gas Supply System

1-6 Gas Purification System



Product introduction

The Gas Purification System is designed to purify speciality gases to the required levels for use in semiconductor, FPD, LED, solar, and fiber optic manufacturing processes. It employs a high-efficiency purification system capable of removing impurities from gases to generate high-density and large volumes.

Product Applications

NH₃, Ar, Cl₂, H₂, He, O₂, N₂, Others

Product specification:

As per user's requirements



1. Speciality Gas Supply System

1-7 - 1 Scrubber: Plasma Wet Scrubber



Product introduction

Wet & plasma Scrubber can decompose PFC gases (greenhouse gases) including flammable, corrosive, and toxic gases generated from the semiconductor & LCD manufacturing process equipment by using DC Thermal Plasma.

Product specifications

Dimension : 750 x 800 x 1600 (W x D x H)
POWER : AC208V, 30A x 3P
UTILITY : CDA, GAS INLET & OUT, EXHAUST

Product Application:

As per user's requirements

1. Speciality Gas Supply System

1-7 - 2 Scrubber: Dry Scrubber

Product introduction

Dry Scrubber eliminates toxic/flammable gas waste by absorbing it. It is economically beneficial for dealing with small amounts of gas waste.

Product specifications

Dimension : 750 x 800 x 1600 (W x D x H)
POWER : AC208V, 30A x 3P
UTILITY : CDA, GAS INLET & OUT, EXHAUST

Product Application:

As per user's requirements.



2. Utility

Including : C.D.A / P.C.W / Exhaust / Deionized Water / Vacuum



2. Gas Plant

This is a completely integrated project aimed at producing speciality gases for semi-industrial applications.



Contact us for details

3. Cleanroom

3-1 Cleanroom System

Product introduction

A cleanroom is a specialized area dedicated to regulating atmospheric particle levels and maintaining constant temperature and humidity to ensure effective management of manufacturing systems. Specifically, the presence of particles can directly impact product quality, making it imperative for cleanrooms to eliminate particles from the manufacturing process and prevent their inflow. Positive pressure and advanced cleaning facilities are employed to control particles by generating either turbulent or laminar airflow.

Product Application:

Semiconductor factory, Display Factory, Rechargeable Battery Factory, Bio/Chemical Lab, etc.
(We provide cleanroom in all kinds of settings based on our clients' requirements)

Product Specifications

From ISO3-ISO6, AARON offers comprehensive solutions for cleanroom design, construction, Testing, Adjusting, and Balancing (TAB), as well as ongoing maintenance.

Clean Class Grade : ISO 3 ~ ISO 6



3. Cleanroom

3-2 Cleanroom System Products

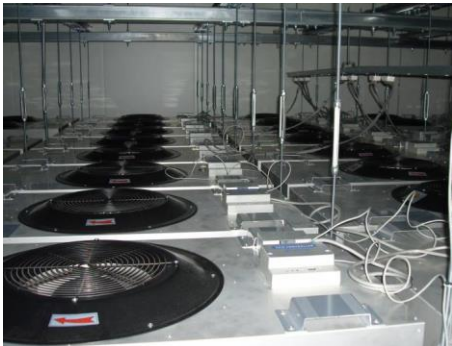
System Ceiling



Wall (Panel & Profile)



Access Floor



Fan Filter Unit



Certificate Number

» EFU-BL400-1206BT



Certificate Number

» EFU-BL400-1206BT

» BFU-0606BT



Certificate Number

: 1S190205.B0C76

» BFU-BL400-0606

» EFU-R3G400-1206/EFU-R3G400-1212

» HB-600*600/HB-1200*600

» EFU-BL350-1206(S)/EFU-BL350-1212

» EFU-BL400-1206OY

3. Cleanroom

3-2 Cleanroom System Products

Cooling Tower



Make-up Air Handling Unit



Chiller System



Boiler



Pump & Piping



Air Shower & Pass Box





AARON: “Innovating Today Sustaining Tomorrow”

We are committed to mitigating pollution to contribute to a greener environment by optimizing our current technology and prioritizing Research and Development (R&D). Continuously, we explore and implement environmentally friendly materials, setting new standards for machine operations. We strive to meet the environmental regulations and policies of each country.

Dual Impact: Environmental Protection and Cost Savings

Our purpose goes beyond profit margins: Aaron's initiatives not only contribute to environmental protection, but also significantly reduce operational costs for our clients through our technologies. By aligning with each country's environmental policies and regulations, we ensure that our solutions are not just effective but compliant.

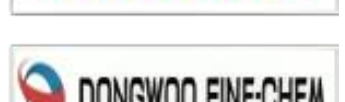
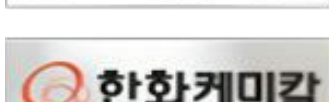
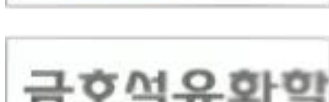
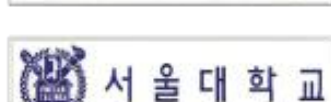
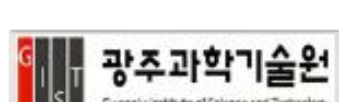
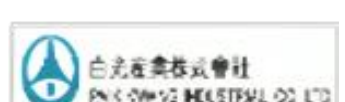
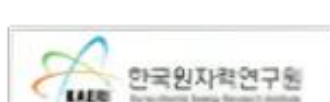
Green Technologies You Can Find in AARON:

- **Solar Panel System**
- **Smart Glass (Anti-Light Pollution)**
- **Helium Recycling System (Anti-Air Pollution)**
- **Scrubber for Gas Waste**
- **Vacuum Furnace (replace the use of Helium in operation)**
- **TO BE CONTINUED FOR R&D**

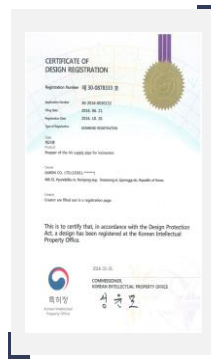
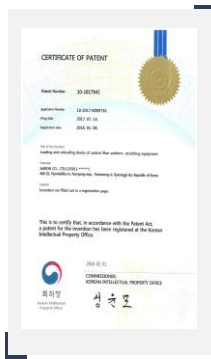
By choosing Aaron, you're not just selecting a technology partner; you're embracing a vision for a sustainable future. Together, let's pioneer progress, reduce environmental impact, and create a legacy of innovation that transcends industries.

Join AARON to go GREENER

OUR CLIENT POOL



CERTIFICATION



A nighttime photograph of a city skyline. The central focus is a very tall, slender skyscraper with a double-tower top, illuminated with blue and white lights. Below it, a dense cluster of other high-rise buildings is lit up. In the foreground, a large bridge with a complex steel truss structure spans across a body of water. The bridge is illuminated with warm orange and yellow lights. The water reflects the lights from the buildings and the bridge. The sky is a deep, dark blue.

In the future, Aaron will continue to embark on a second start-up journey to evolve into a global company. We are dedicated to becoming a company that offers the utmost value to its customers by developing specialized process equipment technology and elevating our infrastructure design and construction engineering capabilities to a global standard.

We sincerely ask for your generous support and extend a warm welcome to connect and collaborate with us. Together with Aaron, let's seize future opportunities and achieve the ultimate success in the technology industry.

“The Global Company That Continues to Grow”



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<https://www.aaronkindia.com/>