

CERTIFICATION LIST

AHRI Certification	CE Certification	Subscription of an excellence product	Confirmation of priority purchase selection	K mark Certification	Q mark subscription
ISO 9001 (Quality Management)	ISO 14001 (Environmental Management)	ISO 45001 (Occupational Health and Safety)	Inno-Biz (Technological innovation)	Overseas Procurement G-PASS	Professional company of new and recycle energy
Main patent (Electrolytic water sterilization device)	Sub patent (Heat pipe with adjustable slope)	Patent (Air conditioner with vibration and noise reduction device)	Patent (Cold and hot water heat pump device with sub heat exchanger for evaporator and condenser)	Patent (Cooling Tower)	Patent (Air Conditioner for 4 Seasons with ultrafine particle removal and sterilization function)
Certified Test Report	Certified Test Report	Certified Test Report	Certified Test Report	Certified Test Report	Certified Test Report

Main products



Air conditioner (AHU)



Cooling tower



Screw chiller



2-stage low temperature water cooler



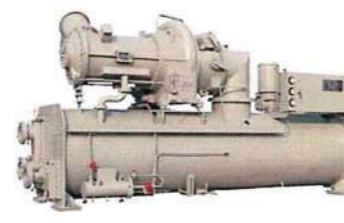
Turbo chiller



Centrifugal large heat pump chiller



Absorption chiller



Water source heat pump



Fan coil cassette type



Thermo-hygrostat



Human Air Technology Corporation

Creating a green future in the center of city



English homepage



English video



Highly commended company video

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Partners



HISTORY

2022	05	Awarded Industrial Service Medal (2022 SME Meritorious Service Award)
	03	Awarded from the Minister of MOLIT (2022 Construction Technology Day)
2021	03	Designated as Excellent Procurement Item (2020203) Air Conditioner
2020	03	Patent No. 10-2090027 registered (4-season air conditioner with ultrafine dust removal and sterilization function) ISO 45001 certification acquired
2019	09	Patent No. 10-2020552 registered (Heat pipe waste heat recovery heat exchange system of air conditioner)
2018	06	Awarded the Minister of SMEs and Exemplary Award of Startup
	05	Obtained a registration for manufacturing specific equipment
2016	11	Patent No. 10-1681955 registered (Air conditioner with sterilization device using electrolytic water) Manufacturing and supplying air conditioners for 100-level CLASS of clean rooms Manufacturing Supplying air conditioners for bio-clean products
2015	05	Awarded from the SME Administration
	02	Registered patent No. 10-1494659 (Sub heat exchanger cold and hot water heat pump device)
2014	05	Obtained K-Mark, Q-Mark, ISO 14001 certification Designated as excellent procurement item (air conditioner) Registered patent No. 10-1396316 (Energy saving using waste heat)
2013	12	Registered patent No. 10-1346254 (Equipped with vibration and noise reduction device)
	07	Acquired Cheonan factory
2012	01	Registered partnership with Samsung C&T construction division
	01	Registered partnership with Hyundai Construction
2009	11	Obtained a certification of corporate research institute
	11	Launched the first large-capacity water source heat pump in Korea
	04	Acquired Seongnam factory registration
	01	Obtained Certification of Management Innovation SME
2005	08	Registered partnership with Daewoo Construction
	01	Registered partnership with Lotte Construction
2004	10	Registered partnership with the Kumho Construction
2003	02	Established HumanAir Technology Corporation

- ✓ Removing floating bacteria
- ✓ Removing floating COVID-9
- ✓ Removing Ultrafine particles

Verification of performance completed by an authorized institution

- Capillary type of heat pipe
- Waste heat recovery device of heat pipe with adjustable tilt (Patent: No. 10-2020552)

- Sterilization device of electrolytic water (Patent: No. 10-1681955)



Sterilizing device using electrolyzed water (KTL test certification)

Floating bacteria reduction rate (99.9%)
 Floating virus reduction rate (98.7%)
 Ultrafine particles reduction performance (99.3%)
 Ammonia (93.25%) · Formaldehyde (97.05%)

Built-in waste heat recovery type of heat pipe, minimizing maintenance cost

Efficiency cooling heat exchange 61% and heating heat exchange 54%

'The air conditioner of HumanairTech', is optimized for multi-use facilities such as large office buildings, government offices, educational facilities, medical facilities, shopping centers, and religious and nursing facilities, is applied with patented technologies such as a capillary heat pipe waste heat recovery device (patent registered) with excellent energy saving effects and an electrolyzed water sterilization device (patent registered) with ultrafine particles removal, deodorization, and sterilization functions.

*The Korea Testing Laboratory (KTL) conducted a test on an actual air conditioner for an hour and obtained an official test report (20-036461-01-1). Results may vary depending on the actual usage environment.

MAJOR DELIVERY PERFORMANCE



Lotte Construction Co., Ltd., Shindonga Construction Co., Ltd. Magok MICE Complex



POSCO E&C Pohang cathode active material Phase 1/ 2-1, 2023 Pohang cathode active material Phase 2-2, 2024



MCST National Gwangju Museum 2024



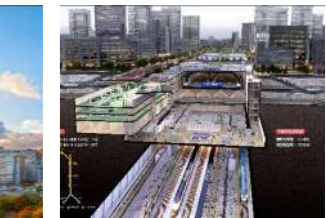
MOIS Daejeon Government Complex 2022



Samsung C&T Samsung Seoul Hospital 2023



Lotte Construction Co., Ltd. Hotel World, 2023



Korea National Railway GTX Headquarters Samsung~Dongtan Section 5, 2023

RECENT MAJOR PERFORMANCE

2024	Changdong private capital station	NNO88 Tower	Shinsegae Gangnam Branch
	Hyundai Hi-Tech Suwon	Public CDMO for Biologics	Pohang cathode active material Phase 2-2
	Daejeon Arts Center	Namwon Medical Center	Pyeongtaek Arts Center
	Seoul Cultural Heritage Preservation Center	Daejeon Baseball Dream Park	Chungnam Techno Park
2023	West Seoul Art Museum	Daejeon Tanbang 1st District	Seonbu Multipurpose Gymnasium
	Busan Premium Outlet 2.0	Pyeongtaek Icheon Reserve Base	National Gwangju Museum
	Busan PUS05	Gunsan-Jeonbuk National University Hospital	Lotte Mart Masan-Uiwang
	Agency for Defense Development	Gwangju-Jeonnam Joint Innovation City Complex Cultural Center	Maenam-dong Lightweight Material Casting Development Building
2022	Magok MICE Complex	Pohang cathode active material Phase 1	Pohang cathode active material Phase 2-1
	Incheon National Maritime Museum	National Fire Hospital	Samsung Seoul Hospital
	Yeju Cultural Center	Bandabi National Sports Center Goesan · Eumseong	Seoul Photographic Art Museum
	Cheonan Youth Complex Community	Heunghae Public Library	Hotel World
2021	Yanggu Sports Complex	Incheon Subway Line 1 Geomdan Extension	Korea Army Academy at Yeongcheon
	Hongseong-gun Disabled Swimming Pool	Yeongnam CPO HUB	Olympic Park Forean
	Euljiro Chodong Office	Lotte Seoul Hotel	Pangyo 2nd Techno Valley
	LG ES Ochang 2nd Industrial Complex	Incheon Cheongna Officetel A	Dongjak Administrative Town
2020	Samsung-Dongtan Metropolitan Rapid Transit Railway	(Incorporated) Gyeongbuk Bio Industry Research Institute	Seoul Metropolitan Rapid Transit Railway Line A Yongin Station
	Government Daejeon Building	Syntekabio AI Supercomputer Center	Korea District Heating Corporation Cheongju Daegu
	Air Dome for Survival Swimming Experience	Samsung Seoul Hospital	Guri Galmoe Knowledge Industry Center
	Former Seoul Station Machine Room	Reconstruction of Yongsu's House	Gwanggyo Sanghyeon Knowledge Industry Center
2019	Damyang Cultural Center Cultural Complex	Incheon Global Campus	Shinsegae Department Store Gyeonggi Branch
	Dongducheon Bandabi Sports Center	Lotte Hotel Jeju Peninsula	Andong Bonghwa Livestock Cooperatives Association Livestock Distribution Center