



Industrial Dehumidifier

Ambient Air Control For
Humidity and Temperature

High Efficiency Series Industrial Dehumidifier



Model: **ecoAM-S205H**

Dehumidifying Capacity: 550 liter / day

Our Industrial Dehumidifier help to constantly keep the treated room dry with high efficiency and high moisture load removal system. This would help to lower the humidity level, thus protecting the stored goods and production process that are highly sensitive to moisture.

Key Features:

- Bottom Front Inlet and Top Front Discharge for even circulation of air to achieve better air flow
- The machine made with Anti-Cold Bridge aluminum alloy frame with double panel structure to achieve EN1886 standard. Cold bridge coefficient of 0.56.
- The panel and inner panel can make with the selection of Steel Plate, Galvanized Sheet or Stainless Steel (optional) with color coated.
- The Panel wall can be either single or double wall.
- High Dehumidifying Capacity and Energy Efficient Design.
- Reliable and High-Performance Hermetic Scroll Compressor with environmentally friendly refrigerant R410A.
- Energy Saving, High Efficiency AC Centrifugal Fan for Low Noise, High Static Pressure operation.
- Microcomputer Control with built-in multiple Protection function and optimized for performance operation logic
- The machine built for long hour operation 24/7.
- Honeycomb Structure Evaporator Hydrophilic Water-Repellent Blue Coating with SUS304 Frame for better reliability over corrosion.
- Water Drain Pan is made of SUS304 stainless steel to prevent corrosion damage.



Product details

We care about every detail of each product.



Access Door:

- Open type: negative pressure design, reducing air leakage. In the open type:
- Positive pressure design, reducing air leakage and expand the space for maintenance. Convenient.



Frame:

- Anti cold bridge aluminum alloy frame + double panel structure, to achieve the EN1886 standard;
- Cold bridge coefficient of 0.56.



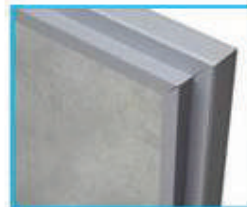
Accessories:

- Double layer transparent thermal insulation window, 24V anti wet explosion-proof inspection lamp, maintenance door safety switch, etc..



Panel:

- Panel and inner panel: color coated steel plate, galvanized sheet and stainless steel.



Double wall:

- PU foam, 30mm and 50mm,
- Broken bridge structure.

HIGH-EFFICIENCY INDUSTRIAL DEHUMIDIFIER

Model No.		ecoAM-S205H		
Rated Dehumidifying Capacity	Kg/hr	24 kg/hr		
	L/day	550 L/day		
	kW	33kW		
Power supply		415V/3PH/50Hz		
Rated Operating Power	kW	11kW		
Rated Operating Ampere	A	17A		
Refrigerant		R410A		
Safety features		High and Low-pressure switch, anti-frozen protection, overflow protection, sequence protection, compressor and over-load protection		
Operation and control		Microcomputer controller with automatic function, faulty warning, self-diagnosis, auto balance compressor run time and timer on/off RS485 Port Ready for integration with BMS through ModBus Protocol		
Compressor	Type	Hermetic scroll type		
	Rated power	kW	9kW	
Air side heat exchanger	Type	Two-Way Honeycomb Copper tubes with Aluminium fins		
	Fins Copper Tube	0.35mm ² thickness for better durability		
	Fan type	Low noise centrifugal fan (optional: variable fan speed with Inverter)		
	Frame	SUS 304, Stainless Steel Frame		
	Air volume	m ³ /h	6400 m ³ /h	
	ESP	Pa	180Pa	
Motor power	kW	1.5kW		
Refrigerant control		Thermostatic expansion valve		
Drain Pan		SUS304, Stainless Steel Drain Pan		
Machine Body		Anti-Cold Bridge Aluminum Alloy frame with Single Panel Structure		
Machine Frame Coating		Industrial Grade Coating		
Defrost		Patented Automatic defrosting system		

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Machine Dimension for reference only.

