

Euro-Aire's

Robowash



Probably the 1st of its kind in the World!

Reality Check

In an airconditioning system, specifically an Air Handling Unit (AHU), its evaporator coils (or cooling coils) need constant chemical wash to maintain its efficiency in removing heat from the indoor air blown through it by the fan, thereby bringing desired cold air into the building itself.

The conventional way of chemical washing the evaporator coils is tedious, highly wasteful of precious water and potentially hazardous to health.

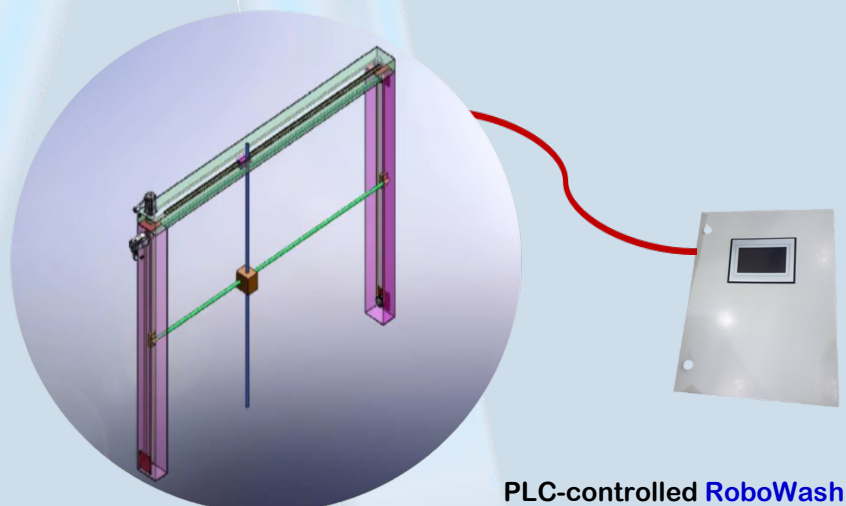
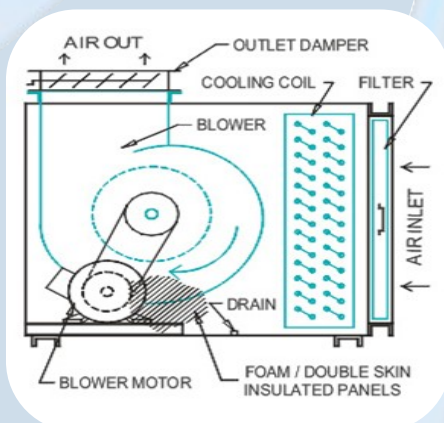
Robowash- Where the future lies...

After years of research and experiments, **RoboWash** is proudly invented to take over the task of chemical washing the evaporator coils!

How does **RoboWash** work?

RoboWash is a PLC (Programmable Logic Controller)-controlled engineering product, equipped with a carefully selected nozzle, pumps and other stainless steel parts to ensure the entire evaporator coil section is thoroughly washed with the designed volume of chemical and water at designated timings. Built with flexibility and versatility in mind, it fits easily into most AHU configurations. It is designed for heavy-duty usage, easily handled and maintained, and is health safe for workers. Most importantly, it prolongs the lifespan of equipment while maximising its cooling capacity!

Clearly, **RoboWash** is destined to help eliminating most of the concerns and issues evolved from the conventional method of chemical wash.



PLC-controlled **RoboWash**

Conventional Washing

vs

RoboWash

Take 2~3 hours to complete one AHU	Programmable timing to complete one AHU
Washes AHU one at a time	Washes multiple AHUs at one time
Washes evaporator coil section unevenly	Washes evaporator coil section uniformly
No control of water used	With designed volume of water used
No control of chemical used	With designed volume of chemical used
Health hazard	Zero human touch throughout washing cycles
Not reliable	Reliable, Accurate, Measureable, Predictable

And many more benefits...

Technical Data

Built	: Powder-coated or Stainless Steel Frame
Control	: Japanese PLC
Dimension	: Flexible
Nozzle	: German-made Stainless Steel Type
Pump	: German-made, 100 PSI
Water Supply	: Direct Water Inlet
Detergent Tank	: 1 x 80L
Discharge Rate	: 5 inch/s
Electrical	: 220V/50 Hz/1 Ph
Power Consumption	: 2.3 KWH
Limited Warranty	5 years or 75 washes, whichever come first.



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RoboWash - Your Investment for the future starts NOW!

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