

Stainless steel Evaporative condenser



**Design
for
Australia**

longer life time
"Stainless always better"
less maintenance





DESIGN FOR AUSTRALIA

ASME B&PV SEC VIII Div.1 : 2015

Rules for construction of pressure vessels

AS/NZS 1359.5 : 2004 (MEPS standard)

Rotating electrical machines—General requirements
Australia MEPS (minimum energy performance standards)

AS/NZS 3666.1 : 2011

Air-handling and water systems of buildings—Microbial control

AS 1657 - 2013

Fixed platforms, walkways, stairways and ladders.



HEATAWAY has been established in 1985. As one of the professional in manufacturing for evaporative condenser, we are provide high quality products and application know-how based on our long experience.

In accordance with Australian regulations HEATAWAY complies with following standards relevant to evaporative condenser equipment :

DESIGN REGISTRATION

Occupational Health and Safety Act 2004, OHS Regulations 2007
Equipment (Public Safety) Act 2004, Equipment (Public Safety) Regulations 2007

WorkSafe

NOTICE OF PLANT DESIGN REGISTRATION

Plant Type	Refrigeration & Air Conditioning Vessel
Representational Drawing(s)	HA-EC07N-SS-2-0100 Rev. 0
Design Description and Extent	Model No. HA-EC07N-SSAN Condenser (Pack Coil)
Technical Information	Design Pressure 2 / 0 MPa Volume: 536 litres Design Temperature: 50 / 0°C Hazard Level: B
Maker	HEATAWAY (PATKOL Manufacturing)
Confirmation Number	V1700846
Date of Confirmation	24 May 2017
Published technical standards or engineering principles <small>(as issued by Designer and confirmed by design verifier)</small>	ASME Section VIII Div. 1: 2015 Rules for Construction of Pressure Vessels

STAINLESS STEEL CONDENSER COIL

Design in accordance with ASME standard and available to request design registration from registration authority.

FAN & PUMP MOTOR MEPS STANDARD

For energy saving, fan and water pump motors are provided for Australian's requirement with MEPS standard.

QUICK-REFILLING & FULLY WELDED BASIN

All units are designed for ; Quick refilling by second make-up valve
Easy cleaning with slope-design basin
Protect debris and direct sunlight by inlet louvers
Other is necessary for AS/NZS 3666.1

STAINLESS STEEL PLATFORM

For your safety, whole access platform is designed in accordance with AS 1657 as follow Australia's regulations.



Faster installation and containerized

HEATAWAY condensers are designed in two sections for containerized and easy to assembly onsite.

Shipping by container is safe, quick and cost effective way.





STAINLESS STEEL

Longer lifetime

Stainless steel is our primary material for condenser coils, casing, structure and basin.

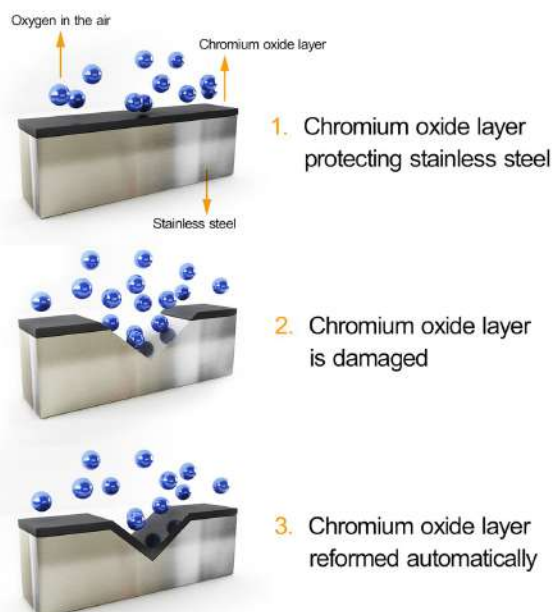
With anti-corrosion feature of stainless steel, HEATAWAY condenser is more durability and increase service lifetime.

Less maintenance

Stainless steels is corrosion-resistant with passivation layer by **NATURE**.

Passivation is another chemical process that creates a chromium oxide layer to protect stainless steel surfaces against rust and corrosion.

Self-passivation





HEATAWAY evaporative condenser is professionally manufactured under world standard "ISO 9001:2008" controlling all processes from designing to manufacturing; furthermore, product is designed to meet international standard with related certificates to serve over the world.



QUALITY CONTROL

ISO 9001:2008 CERTIFIED

Quality management systems

ISO 14001:2004 CERTIFIED

Environmental management systems

OHSAS 18001:2007 CERTIFIED

Occupational health and safety management systems

POSITIVE MATERIAL IDENTIFICATION

Analyze composition of stainless steel to verify raw material quality



PRESSURE TEST

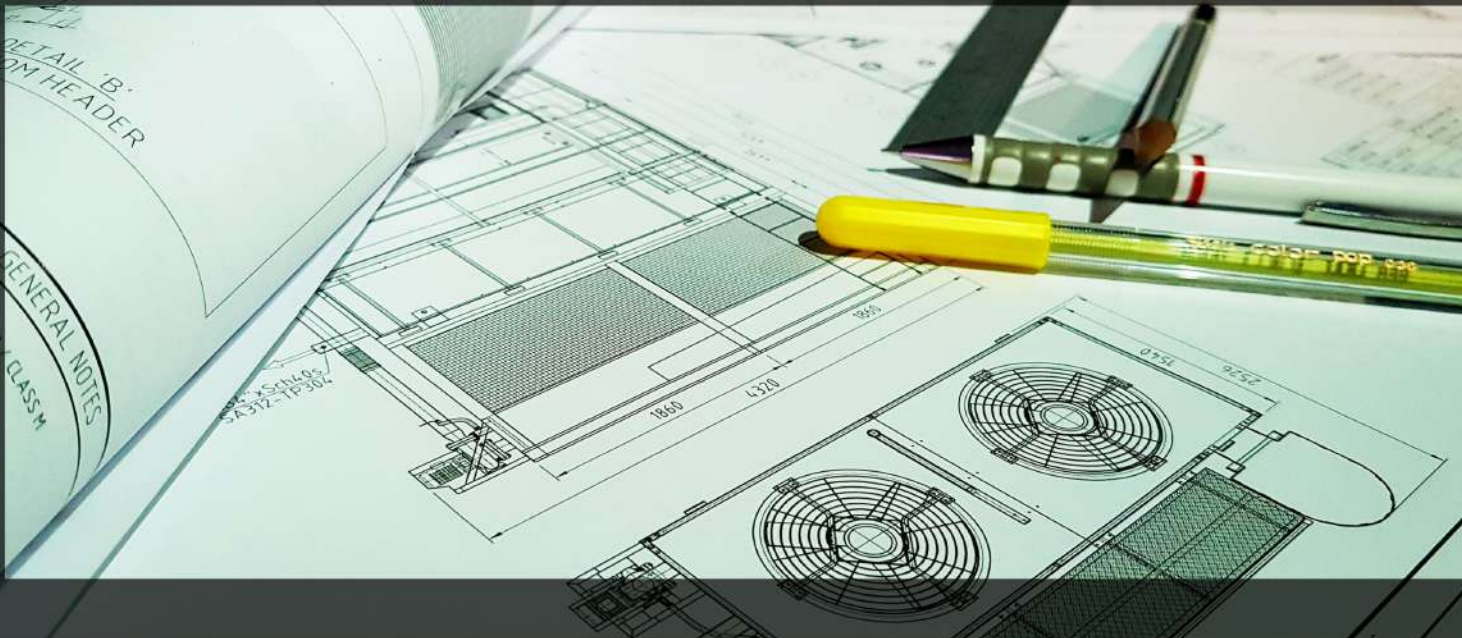
Pneumatic test with 110% of design pressure as follow ASME standard



OPERATING TEST

All system checking while test run to ensure HEATAWAY is ready when on your hand





ENGINEERING SPECIFICATION



Material

	ECS series	ECF series
Casing	Stainless steel	Fiberglass
Structure	Stainless steel	
Water basin	Fully-welded stainless steel	
Condenser coils	Stainless steel	
Coil frame	Stainless steel	
Fan stack	Stainless steel	Fiberglass
Fan guard	Stainless steel	
Fan support frame	Stainless steel	
Fan	PAG fan blades and pressure die cast silumin alloy	
Water pipe	Stainless steel	
Spray nozzle	PVC with multi-layer spray	
Drift eliminator	PVC with UV protection	
Louver	PVC with UV protection	
Pump support frame	Stainless steel	
Strainer	Stainless steel	



For more information,
please contact sales representative.

www.heataway.net



Refrigeration

Meat & Poultry processing

Cold storage

Food & Beverage industrial



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