STAINLESS STEEL EVAPORATIVE CONDENSER
with stainless steel coil and structure
STAINLESS STEEL FEATURE

In 1985, HEATAWAY developed stainless steel evaporative condenser due to most of general evaporative condenser once got scale build up will be very difficult to clean. If use cleaning acid, general evaporative condenser will be damaged by most of the cleaning acid. Then life time will be shorten after cleaning.

This is why stainless steel evaporative condenser was developed continuously for over 30 years by HEATAWAY.

PRODUCT SERIES

ECF series
Fiberglass casing, stainless steel coil and structure
Lighter weight and clean look with less staining.

ECS series
Stainless steel casing, stainless steel coil and structure
Food grade material for food industry.

MANUFACTURING

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.

ISO 9001:2008 CERTIFIED
Quality management systems

ISO 14001:2004 CERTIFIED
Environmental management systems

OHSAS 18001:2007 CERTIFIED
Occupational health and safety management systems

Quality control
Before evaporative condensers are fabricated, stainless steel and other raw material must be inspected by incoming quality control process.

Positive Material Identification (PMI) is used to analyze the composition of raw material, especially stainless steel.

To ensure that HEATAWAY condensers are made of high quality stainless steel.
HEATAWAY TIMELINE

Beginning
- Designed and manufactured evaporative condenser with stainless steel concept.
- Launched first unit in “ECP” series.

1985 - 1990
- ECP

1991 - 2001
- Designed and manufactured evaporative condenser with stainless steel concept.
- Launched first unit in “ECP” series.
- New Factory
- Established new factory in Phetchaburi Province to increase production capacity.
- Second series was developed for more compact in “ECL”.
- Quality Assurance
- Designing and manufacturing are controlled by quality management system under ISO 9001:2008 certified.
- “ECS” series is fully stainless steel evaporative condenser that developed continuously to increase capacity range.
- “ECF” is first series that combine stainless steel coil with fiberglass casing to meet client’s requirement in many industries over the world.

2002 - 2007
- ECM

2008 - Now
- Established new factory in Phetchaburi Province to increase production capacity.
- Second series was developed for more compact in “ECL”.
- New Factory
- Second series was developed for more compact in “ECL”.
- Quality Assurance
- Designing and manufacturing are controlled by quality management system under ISO 9001:2008 certified.
- “ECS” series is fully stainless steel evaporative condenser that developed continuously to increase capacity range.
- “ECF” is first series that combine stainless steel coil with fiberglass casing to meet client’s requirement in many industries over the world.

INTERNATIONAL STANDARD
- Developed the product efficiency and launched into “ECM” series.
- First fully stainless steel evaporative condenser with containerized unit “ECX” series.
- New Factory
- Developed the product efficiency and launched into “ECX” series.
- International Standard
- Our factory was authorized by international organization to manufacture pressure vessel under international standard.
- Developed the product efficiency and launched into “ECM” series.
- First fully stainless steel evaporative condenser with containerized unit “ECX” series.

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

HIGHER DURABILITY
- All condenser coils and structures are made of stainless steel for higher durability. Due to anti-corrosion feature of stainless steel, our condensers can be cleaned with chemical scale remover.

LOW MAINTENANCE
- Low maintenance and higher performance by using direct driven axial fan to avoid adjustments and replacements of belt and bearing.

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

FASTER INSTALLATION
- HEATAWAY condensers are designed in two sections for containerization and easy to assembly onsite.
**PRODUCT FEATURE**

**Heavy Duty Fan Motor**

High performance axial flow fan operated at 960 rpm directly driven with cast iron casing motor for greater corrosion resistance.

All stainless steel grade is AISI 304.

**Casing**

ECF series: Fiberglass casing
ECS series: Stainless steel casing

**Basin**

Made of fiberglass or stainless steel and designed to minimize volume of water for low operating weight.

**Water Pump**

Close-coupled centrifugal water pump with low head and high flow rate. Coming with stainless steel support frame.
**Condenser Coil**
Made of stainless steel included support frame and pressure tested at 25 bar(g).

**Spray Nozzle**
Multi-layer spray nozzle is our own patented and designed to spray water throughout coil surfaces during all operating time.

**Drift Eliminator**
Made of non corrosion PVC with UV protection, high efficiency, low drift loss and built in section for easy to service.

**Structure**
All structures are made of stainless steel.

**Axial Fan**
Hub part is manufactured in a pressure die cast SILUMIN ALLOY with anti-corrosion. **Fan blade** is manufactured in a glass reinforced polyamide (PAG). Operating under Temperature range -40°C to +120°C.

**Inlet Louver**
Corrosion resistant PVC with UV protection. Stainless steel louver is an optional.