



**Unifin**

A **Wabtec** company

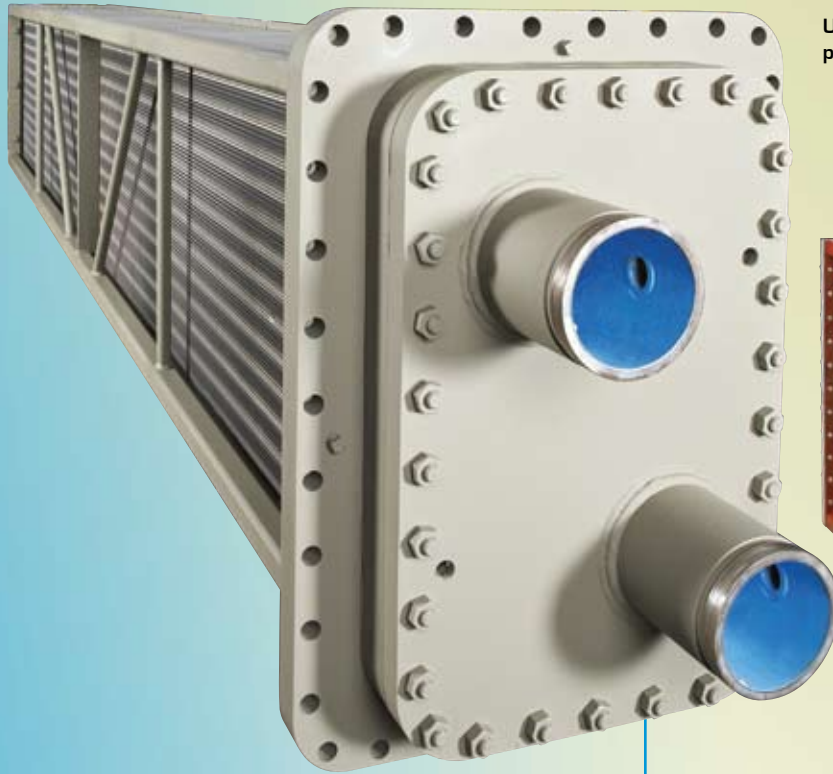


# Generator Cooling Products

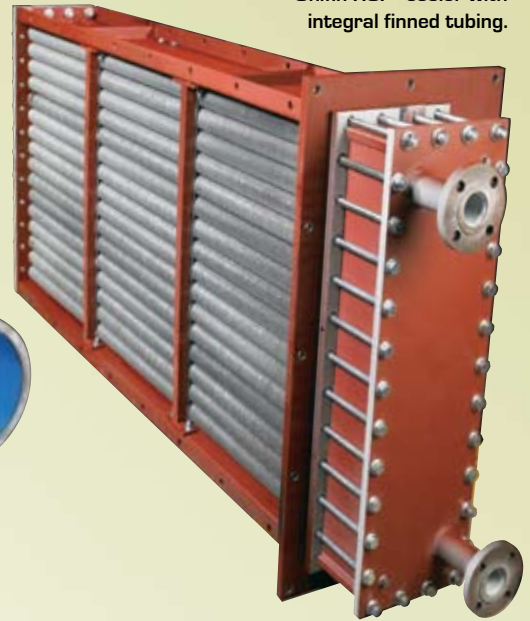
*The Hottest Name in Cooling for Large Electrical Power Equipment*

Cooling Solutions

# Generator Coolers



Unifin Hydrogen cooler with plate fin tubing.



Unifin RCP™ cooler with integral finned tubing.



Unifin is a global leader in the supply of equipment used for cooling electric machines. With an extensive installation history and world renowned engineering capabilities Unifin offers a wide range of cooler expertise including:

- Generator Hydrogen Coolers
- Generator Air Coolers
- Stator Water Coolers
- Lube Oil Coolers
- Motor Air Coolers
- Bearing Oil Coolers
- Exciter Coolers



## Marine and TEWAC Motor Coolers



Marine and Industrial TEWAC motor installations must be especially rugged to withstand shocks and corrosive environments. Unifin manufactures coolers specifically for these aggressive conditions. Unifin's unique leak detector configuration is a popular option.



## Fossil Fuel, Nuclear, Hydro-Electric and Combustion Turbine

As a supplier to the power utilities industry we thoroughly understand your requirements. Our manufacturing facilities are quality and compliance driven and we utilize ASME certified welders. We provide ASME Code construction and hold R, U and UM stamps.



## Replacement and Repairs

With over 85 years of archived engineering drawing history we have the expertise and engineering knowledge to replace or repair nearly any cooler. Our services include:

- Cooler replacement or redesign
- Uprates and upgrades
- Emergency gasket replacement
- Replacement parts
- Reconditioning
- Retubing
- Testing

## Plate-Fin Coolers

Unifin offers plate-fin technology for all of our generator and motor cooler applications. The press-on fin manufacturing process allows for a greater fin area for a given tube length compared to our integral finned tubing. This means in many applications plate-fin designs will be more compact and economical and still offer a durable industrial design. With plate-fin coolers the fin material is available in copper or aluminum while the tube material is available in copper, copper-nickel or stainless steel.



A World Leader

# Who We Are

## Service...Speed...Dependability

At Unifin the cooling of Electric Machines is our only business. Every resource in the company has been directed towards research and development to acquire world leading heat transfer technology and manufacturing processes. Today, this investment has established Unifin as a global leader in the supply of:

- Transformer Oil Coolers
- Transformer Oil Pumps
- Generator Coolers
- TEWAC Motor Coolers

### Global Presence

Headquartered in London, Ontario, Canada, Unifin is a global organization with locations in Canada, the United States and Asia.

### Our Brands

Unifin is a global company with worldwide recognized brands in transformer oil coolers, transformer oil pumps, generator coolers and TEWAC motor coolers.

- **ForZair™** transformer oil coolers
- **HeatSink™** portable transformer coolers
- **HARLEY** sleeve bearings
- **TecSonics™** bearing wear monitoring system
- **WeatherAll®** power cords
- **RCP™** coolers



*The Hottest Name in Cooling*



Corporate Head Office: 1030 Clarke Road,  
London, Ontario, Canada N5V 3B2  
Tel: (519) 451-0310  
Fax: (519) 451-1732  
unifin@unifin.com

[www.unifin.com](http://www.unifin.com)

Generator Cooler Manufacturing Plant:  
2601F Trade Street,  
Chesapeake, Virginia, USA 23323  
Tel: (757) 485-2666  
Fax: (519) 485-2688  
unifin-ches@unifin.com

All sales of equipment by Unifin International, LP. ("Unifin") are subject to Unifin's standard terms and conditions of sale which contain limitation on the buyer's rights.