



Delta T Heat Exchangers  
 1674 Hyde Park Road, Suite 206  
 London, ON, Canada N6H 5L7  
 Phone: (519)471-2800  
 Fax: (519)471-8494  
 Email: sales@deltathx.com

**Edition 5.3, Mar. 2010**



**LINKS**

- [API Heat Transfer](#)
- [Carbone of America](#)
- [Cooling Technology, Inc.](#)
- [Delta T Heat Exchangers](#)
- [Des Champs Labs \(Munters\)](#)
- [Gauger Process Heaters](#)
- [Hazloc Heaters](#)
- [HEXECO](#)
- [Koch Heat Transfer](#)
- [Niagara Blower](#)
- [Optimized Process Furnaces](#)
- [Super Radiator Coils](#)
- [Unifin International](#)
- [Previous Newsletters](#)
- [Replacement Heat Exchangers](#)
- [Unit Heaters](#)

**Coil Handling, Terminology and Nomenclature**

A steam coil or water coil is a unique product as far as heat exchangers are concerned and along with that comes some unique terminology that may not be familiar to all. To further complicated things, many manufactures use different terminology to refer to the same part or feature. Particularly when replacing existing coils, it is important to make sure the person measuring and describing the coils uses the correct terminology.

Coil Handling refers to the position of the inlet connection with respect to the air flow direction.



[Click Here for a guide to Determine Coil Handling](#)

Tube face, Face Length, Nominal Tube Length, rows, passes, circuiting; are all terminology used to describe a coil.

[Click Here for a guide to Coil Terminology and Nomenclature](#)

Click here for a description of the types of [Steam Coils](#) or Click here for a description of the types of [Cooling Coils](#).

**Welded Plate Heat Exchangers**

Welded plate heat exchangers provide the compact, thermal efficiency of traditional plate heat exchangers with ruggedness and reliability provided by the welded construction. Design flexibility is also an advantage with plate heat exchangers, particularly in heat transfer surface configuration. Corrugated (chevron), dimpled and studded surfaces can be provided which allows these exchangers to be used in clean to heavy fouling applications from gases to slurries. Access for cleaning and repair can be provided to either one side or both sides. Common applications are;

- Process chemicals
- Food and Pharmaceuticals
- Caustic soda
- Heat transfer fluids
- Hazardous liquids
- Corrosive Fluids
- Expensive fluids



[More Details](#)

**Transformer Oil Pumps**

Transformer Pumps have evolved dramatically over the past several decades. Once considered to be merely a replaceable routine maintenance item, these pumps are now almost universally recognized as a critical component of "Forced Oil Cooled" Transformers. Care and Planning is important in both the specification and maintenance of these unique pumps.

[More Details](#)



**Niagara Blower Rental / Lease Coolers:**

Niagara Blower has Wet Surface Air Coolers for a variety of cooling applications which can be rented or leased.

These units are packaged ready to install with no assembly required. They can be used for supplementary cooling, in emergency situations where the existing cooling system has failed or to delay shut downs. Only a small amount of make-up water is required and power supply. An advantage of WSAC's™ is that the spray water used can be less than ideal so cooling tower blowdown or other plant wastewater can be used.

[Click Here for More Information](#)

[More See "Applications Best Suited For Wet Surface Air Coolers"](#)



To remove your name from our mailing list, please [click here](#).

Questions or comments? E-mail us at [news@deltathx.com](mailto:news@deltathx.com) or call 519-471-2800

