

Rent-a-cooler?

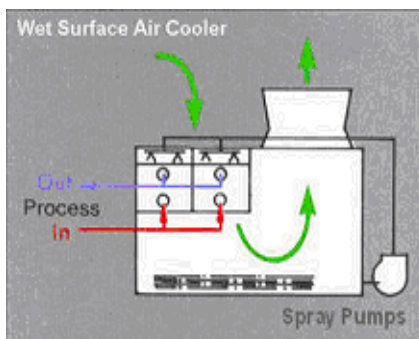
The scheduling of heating or cooling requirements does not always suit the lead-times of the heat exchanger world. We recently had an application that allowed us work a solution for a temporary cooling unit for a customer.

While some maintenance work is being performed on a parallel system, the cooling requirement on a particular system will temporarily be increased, exceeding the cooling capabilities of the existing heat exchanger. The lead-time of a replacement or supplemental exchanger and the associated piping and installation costs made it unfeasible to install another exchanger, particularly on a temporary basis.

Enter Niagara Blower with a self-contained – skid mounted [Wet Surface Air Cooler](#) system. The challenge with this design is that the hydrocarbon being cooled is a higher pressure than standard tube bundles so Niagara Blower designed a specific bundle for this application able to be provided in the tight time constraint allotted. In addition the bundle were ASME / CRN and the motors were Class I Div II.



This packaged was offered as both a lease unit or to purchase outright and because of the temporary need for this cooling the customer preferred the lease option.



Niagara Blower stocks [Wet Surface Air Coolers](#) for a variety of standard cooling applications that can be rented or leased. As with the case just described, if a standard [WSAC](#) does not meet the requirements of a particular cooling application, a standard unit can be modified to meet the requirements.

Niagara Blower's [Wet Surface Air Coolers](#) are not the only systems available for lease. Gaumer Process Heaters will lease their hot oil systems. Gaumer actual keeps some standard units in stock, ready to ship in an emergency situation.