

# NIAGARA BLOWER SOLUTIONS

## **What is WSAC®?**

*The Wet Surface Air Cooler is a closed-loop, evaporative cooling system.*

*Wet Surface Air Coolers are optimized for industrial applications where rugged design/fabrication and cost effective efficient closed-loop cooling/condensing are required.*

### **Applications:**

Liquid Cooling  
Gas Cooling  
Vapor Condensing

### **Industries:**

Refining  
Power  
Wastewater  
Pulp & Paper  
Metals  
Mining  
Food/Beverage

## CASE STUDY

## **NIAGARA WSAC® GASOLINE COOLER FOR MAJOR GULF COAST REFINERY**

Customer: **INTERNATIONAL OIL COMPANY**  
Installation Location: **TEXAS**  
Application: **COOLING GASOLINE STREAMS IN A REFINERY PROCESS**



## **WSAC® ADVANTAGES**

- FRP lined galvanized steel basin and casing for protection from aggressively treated spray water
- Admiralty tubes and brass tube sheets used to fabricate ASME tube bundles
- Bolted removable headers for access and cleanliness of inside of tubes
- Ability to achieve critical outlet temperature during the hottest summer months



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