

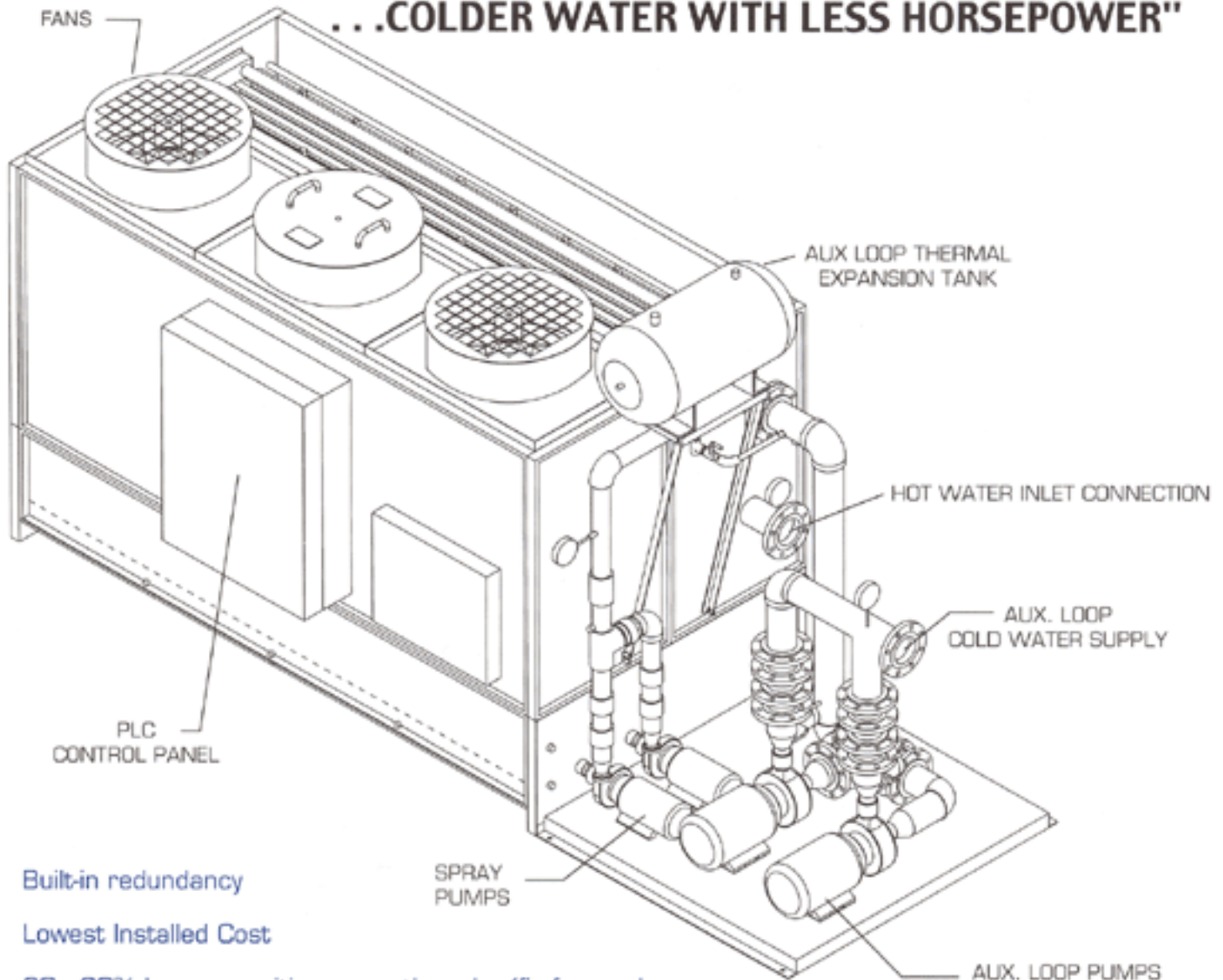


Niagara Blower Company
(Since 1904)

PACKAGED AUX COOLING LOOP WET SURFACE AIR COOLER

For Simple Cycle Gas Turbines

**"MORE POWER FOR LESS MONEY...
...COLDER WATER WITH LESS HORSEPOWER"**



Built-in redundancy

Lowest Installed Cost

60 - 80% Less parasitic energy than dry/fin-fan coolers

Built to power industry standards

Packaged for "Plug & Play" installation and start-up

Lowest possible fluid outlet temperature

Smallest footprint

Light weight . . . slab-on-grade support

Thermal Products, Inc.
964A Route 146
Clifton, Park, NY 12065
(518) 877-0231
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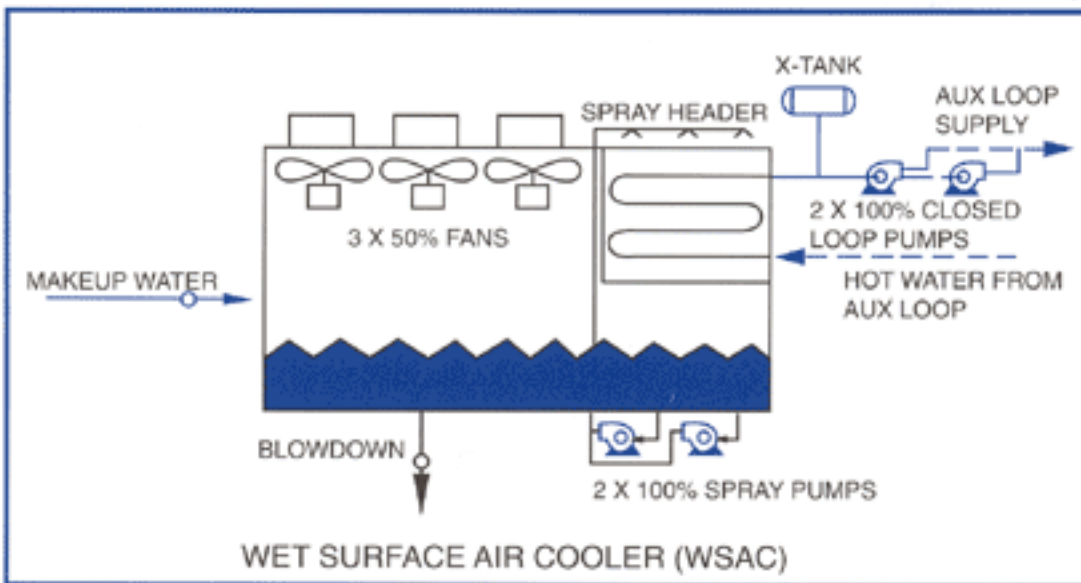
NIAGARA BLOWER COMPANY



Niagara Blower Company

The Niagara Auxiliary Cooling Loop Wet Surface Air Cooler (WSAC) is specifically designed for smaller packaged gas turbines. It provides a cost-effective alternative for owners and developers . . . BETTER, FASTER, AND AT LESS COST.

Features:	
<ul style="list-style-type: none"> • closed loop design • built for 25 - 200 MW turbines 	<ul style="list-style-type: none"> • compact, skidded assembly • pre-wired, pre-piped for ease of installation
The advantages of a WSAC over dry / fin-fan coolers are:	
<ul style="list-style-type: none"> • 60 - 80% less parasitic energy use • smallest footprint / light weight • lowest installed cost 	<ul style="list-style-type: none"> • simple installation • lowest process fluid outlet temp • less noise
• full redundancy	<ul style="list-style-type: none"> 3 x 50% fans 2 x 100% closed loop pumps 2 x 100% spray pumps



SAVINGS USING WSAC vs DRY / FIN-FAN COOLERS

	Case 1 50 MW 200 GPM	Case 2 186 MW 3100 GPM
CAPITAL COST SAVINGS (\$)	20%	47%
HORSEPOWER SAVINGS (HP)	80%	60%
SMALLER FOOTPRINT (SQ FT)	55%	79%

NOTE: The WSAC can provide 90° - 95° F supply water at peak ambient conditions.

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