



WINTER KOOLER SYSTEM

SUPPLEMENTAL COOLING PROVIDES ENERGY SAVINGS

Winter-Kooler systems are designed to allow process cooling water to bypass the chiller when ambient air temperatures are low enough to provide cooling without the help of mechanical refrigeration.

- Corrugated aluminum fins with staggered copper tubes for optimum heat transfer
- Energy-efficient fan motors; direct-drive fans rotate at 1,140 rpm
- Thermal overload protection and permanently lubricated ball bearings on fan motors
- Full baffled fan sections for structural strength; prevents fan wind milling during off cycles
- Automatic pump switchover
- Fan motor leads wired to weatherproof electrical enclosure for single-point field wiring
- Sizes available from 20 to 250 tons (multiple units used above 165 tons)



Features

- Winter fan cooling instead of mechanical chiller cooling
- Pad or roof mounted
- Allows chiller to be turned off in winter months
- Axial fans are the only moving parts
- Weather resistant construction including:
 - Heavy gauge aluminum cabinet.
 - Weather protected fan motors
 - Aluminum fan blades
- Fan cycling for varying load ambient conditions

Benefits

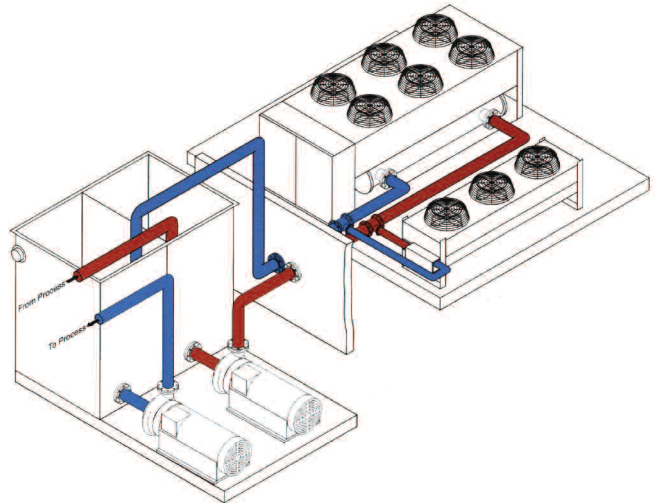
- Greatly reduced energy costs
- Save floor space
- Prolongs the life of the chiller
- Less maintenance requirements
- Longer life equipment
- Consistent process water temperature

SWK SERIES



Specifications

This diagram illustrates the suggested installation for those areas that have low ambient temperatures (below 10°F). It shows that the chiller is replaced by the SWK Winter-Kooler during those times when the temperature is below the rated ambient of the chiller. The SWK could replace the chiller anytime the ambient is below 40°F and can typically pay for itself in less than 18 months (depending on usage time and electrical costs).



Sterling New Berlin
2900 S 160th Street
New Berlin, WI 53151 USA
Tel: +1 262 641 8610
Fax: +1 262 641 8653
www.sterlco.com

Sterling Schaumburg
1100 E Woodfield Rd #550
Schaumburg, IL 60173 USA
Tel: +1 847 273 7700
Fax: +1 847 273 7804

Sterling Warsaw
ul.Dziakowa 115
02-234 Warszawa
Tel: +48 22 390 9720
Fax: +48 22 390 9724

Sterling India
Gat No. 191/1, Sandbhor Complex,
Mhalunge, Chakan, Tal Khed,
Dist. Pune 410501, India
Tel: +91 21 35329112
Fax: +91 20 40147576

Sterling Suzhou
109 Xingpu Road SIP
Suzhou, China 215126
Tel: +86 512 8717 1919
Fax: +86 512 8717 1916

