

air cooled condensers

A WORLD LEADER



> Dry Cooling

A History of Leadership in Cooling Technologies

Since 1883, the world renowned companies that formed SPX Cooling Technologies have been the leaders in developing innovative solutions for cooling systems.

By combining the experience and resources of some of the most successful companies in the industry, SPX Cooling Technologies continues to deliver innovative products and cooling solutions for the 21st century. With hundreds of installations and partners/subsidiaries on all continents, SPX Cooling Technologies maintains a global reputation of excellence in power generation and industrial markets.

DRY COOLING SYSTEMS

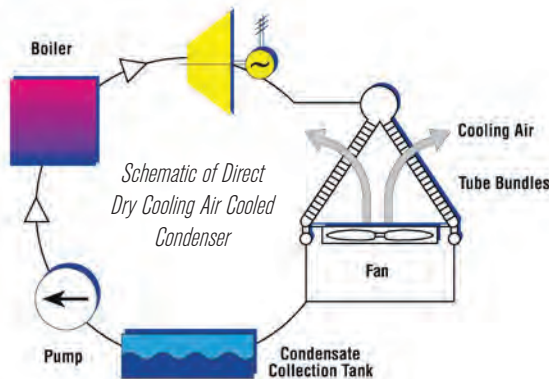
Diminishing water resources and increased water pollution concerns have led to the explosive growth of Dry Cooling worldwide.

The major benefits of Dry Cooling are:

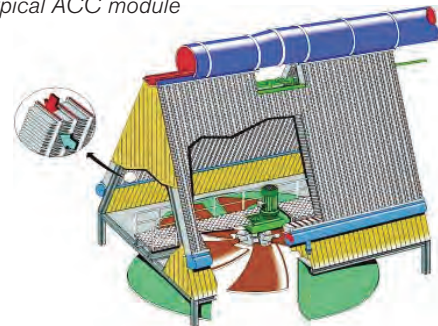
- Elimination of water usage from the condensing power cycle.
- Flexibility in power plant site selection.
- Decreased time required for plant permitting.



The world's largest Natural Draft Dry Cooling System, 6 x 690 MW Kendal Power Station, South Africa



Typical ACC module

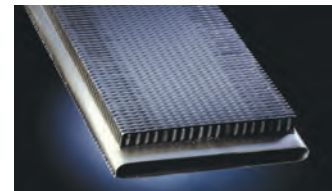


AIR COOLED CONDENSERS FOR POWER PLANTS

The most popular style of Air Cooled Condenser is the modularized A-Frame design used on power plants of all sizes. The integral features of the SPX Air Cooled Condenser are long-term mechanical and thermal integrity, excellent corrosion and freeze resistance, low fan power consumption, reliable operation and low maintenance.

The fin tube is the core technology of the Air Cooled Condenser and is available in two basic designs:

- Single-Row Condenser–SRC®. Elongated flat tube with brazed aluminium fins.
- Multi-row Galvanized – MRG. Oval tube with hot-dip galvanized steel fins.



Typical finned tube – SRC



Typical finned tube (MRG)



Bruges, Belgium — ACC for 460 MW Combined Cycle Power Plant.



Apex, USA — ACC for 500 MW Combined Cycle Power Plant.



Gissi, Italy — ACC for 2x400 MW Combined Cycle Power Plant.



Hassi R'Mell, Algeria — ACC for 150 MW Combined Cycle Power Plant – Solar Power Plant.



Langage, UK — ACC for 850 MW Combined Cycle Power Plant.



Rio Bravo, Mexico — ACC for 3x515 MW Combined Cycle Power Plant.



Severn, UK — ACC for 2x400 MW Combined Cycle Power Plant.



Alba, Bahrain — ACC for 800 MW Combined Cycle Power Plant. A turnkey project.



Baicheng, China — ACC for 2x660 MW Coal Fired Power Plant.



Wuxiang, China — ACC for 2x600 MW Coal Fired Power Plant.

air cooled condensers

A WORLD LEADER WITH MORE THAN 1000
INSTALLATIONS GLOBALLY



Dry Cooling – Global locations

EMEA

SPX COOLING TECHNOLOGIES BELGIUM SA/NV

Avenue Marcel Thiry 81, B2

B - 1200 Brussels, Belgium

P: +32 (0)2 761 61 11

F: +32 (0)2 761 61 86

info@cts.spx.com

spxcooling.com

spx.com

AMERICAS

SPX COOLING TECHNOLOGIES, INC.

1200 U.S. Highway 22 East

Bridgewater, N.J. 08807, USA

P: +1 908 450 8008

F: +1 908 450 8050

info@cts.spx.com

spxcooling.com

spx.com

INDIA

THERMAX SPX ENERGY TECHNOLOGIES LTD

Energy House, D-II Block

Plot NO.38 & 39 – Midc, Chinchwad

Pune 411 019, India

P: +91 20 6612 6464

F: +91 20 6730 8888

info@thermaxspx.com

thermaxspx.com

CHINA

SHANGHAI ELECTRIC – SPX ENGINEERING AND TECHNOLOGIES CO., LTD, BEIJING BRANCH

17A, Tower B, Gateway Plaza, No. 18 Xiaguangli, East 3rd

Ring North Rd.

Chaoyang District

Beijing, 100027, China

P: +86 10 5926 7000

F: +86 10 5926 7018

info@cts.spx.com

spxcooling.com

spx.com

SOUTH AFRICA

DB THERMAL

A division of SPX Technologies (Pty) Ltd

1st floor, Building 32, The Woodlands Office Park

Woodlands Drive

Woodmead 2191 - South Africa

P: +27 (0)11 236 6300

F: +27 (0)11 236 6426

peter.mihalik@spx.com

spxcooling.com

spx.com

SOUTH KOREA

SPX KOREA CO., LTD

11F, KT Building

28-2, Yeouido-Dong, Yeongdeungpo-Gu

Seoul, 150-931, Korea

P: +82 2 6297 4000

F: +82 2 783 0160

ft.korea.ct@spx.com

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In the interest of technological progress, all products are subject to design and/or material change without notice

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