

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

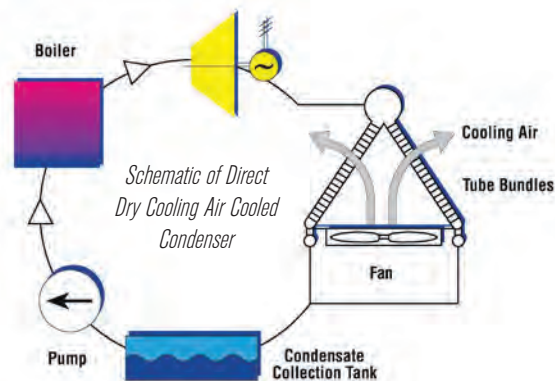
Diminishing water resources and increased water pollution concerns have led to the explosive growth of Dry Cooling worldwide.

The major benefits of Dry Cooling are:

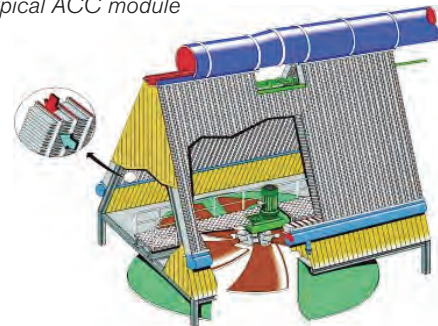
- Elimination of water usage from the condensing power cycle.
- Flexibility in power plant site selection.
- Decreased time required for plant permitting.



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



Typical ACC module

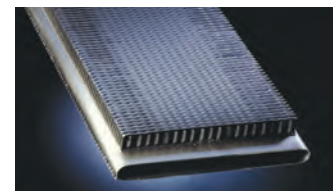


AIR COOLED CONDENSERS FOR POWER PLANTS

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 800
INSTALLATIONS GLOBALLY



Dry Cooling – Global locations

BELGIUM

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
infobe@cts.spx.com
spxcooling.com

CHINA

SPX COOLING TECHNOLOGIES (BEIJING) CO., LTD.

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
infocn@cts.spx.com
spxcooling.com

ITALY

BALCKE DUERR ITALIANA S.R.L.

Via Raffaello Sanzio 2 (Corpo A)
I - 21013 Gallarate (Va), Italy
P: +39 0331 248 445
F: +39 0331 248 412
infoit@cts.spx.com
spxcooling.com

SOUTH AFRICA

DB THERMAL

A division of DBT Technologies (Pty) Ltd
Willow Place, Woodmead Business Park
140 Western Service Rd., Woodmead Ext. 17
Kelvin 2054, South Africa
P: +27 (0)11 236 6345
F: +27 (0)11 236 6429
harro.stiehler@spx.com
spxcooling.com

GERMANY

SPX COOLING TECHNOLOGIES GMBH

Ernst-Dietrich-Platz 2
D - 40882 Ratingen, Germany
P: +49 (0)2102 1669 0
F: +49 (0)2102 1669 215
infode@cts.spx.com
spxcooling.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
ftkorea.ct@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

UNITED STATES OF AMERICA

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
infousa@ct.spx.com
spxcooling.com

› Dry Cooling

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

ISSUED 3/2012 ACC-11

COPYRIGHT © 2012 SPX Corporation