AIR COOLED CONDENSERS
Global organisation

RCDC runs an integrated organisation of 4 main offices located in Europe, US, China, Korea and India which form the global template of experts dedicated to dry cooling. RCDC retains a wealth of experience and knowledge within its technical and executive staff reaching to the highest levels of its organization. This includes a significant number of those involved with the original development of the single row concept and subsequent establishment of manufacturing facilities for the single row fin tube bundle. Such knowledge and experience renders RCDC uniquely placed to offer a highly developed fin tube bundle together with the highest levels of quality and service in the supply of the latest design of air cooled steam condenser technology.
RCDC™ Single Row Tube

RCDC launches the RCDC™ Single Row Tube as the basis for its latest, state-of-the-art Air Cooled Steam Condenser supported by many years experienced technical staff and experts who promoted the early Single Row Tube in the years 90’s.

The RCDC™ Single Row Tube improves the levels of performance of all Single Row Tubes promoted to date as it offers:

1. Winter freeze protection (~40°C and below)
2. Lowest auxiliary power (low pressure drops)
3. Lowest noise levels
4. Limited plot area (compact units)
5. No loss of performance at all temperature ranges
6. No environmental impact and full recyclability

More than 50,000 MW of power plants around the world, under all climate conditions, sea shore and land, are using single row technology.

Global and Local Manufacturing

RCDC offers a wide scope of tube technologies from the multi-row fin tubes to the single row fin tube bundles, for all applications in air cooled condensing.

The Group strategy is to maintain a network of factories all over the world. The actual global capacity exceeds 6000 bundles a year serving the local and regional clients from:

- Europe / France
- Middle East / Saudi Arabia
- Far East / Korea
- USA / Pennsylvania
- Asia / China
- Central Asia / India

All the factories of the Group form a network, which provides multiple backups to the production requirements enabling RCDC to supply ACC for very small units (biomass, waste incineration plants) to the mega packages (blocks of 660 MW coal fired for India, China and South Africa, CCGT packages for Saudi Arabia, etc.).
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