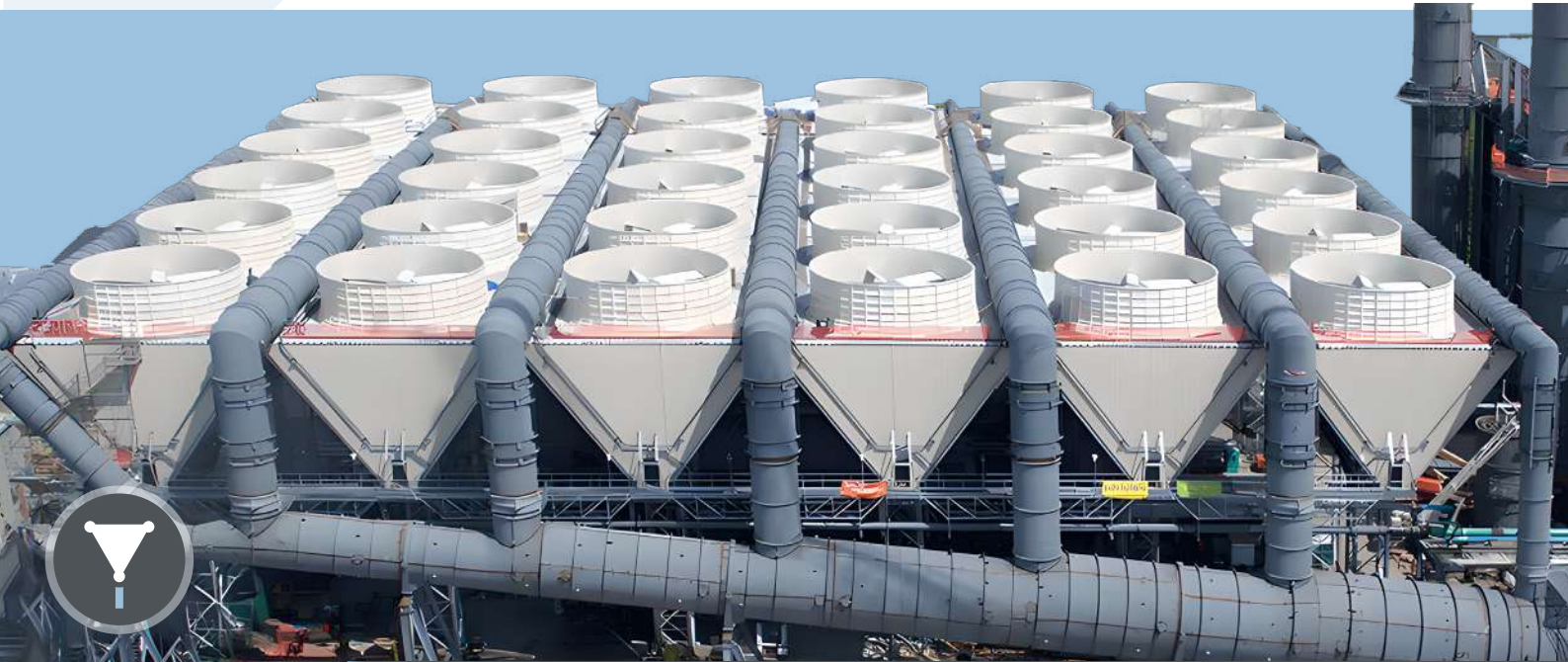


INDUCED DRAFT AIR COOLED CONDENSER

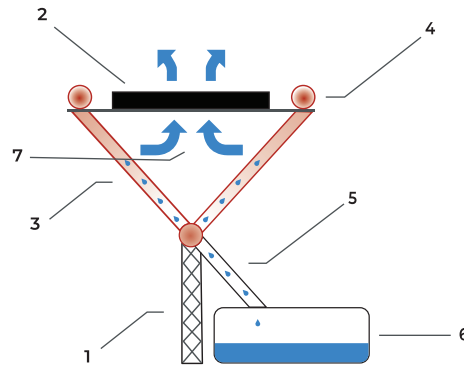


InAIR ^{ACC}
PATENTED WORLDWIDE

From ENEXIO, the company that invented the Air Cooled Condenser, comes the next generation of unique and intelligent design. The InAIR blends proven components and technologies to yield the next generation in dry cooling: An Air Cooled featuring induced draft fans.

UNIQUE AND INTELLIGENT DESIGN

- ✦ ENEXIO can now offer the InAIR, an ACC which offers superior operational performance with induced draft fans along with added savings on material supply, delivering durations & construction.
- ✦ Patented inclined exhaust duct routing saves duct material and erection time.
- ✦ Inherent design of supporting steel structure greatly reduces the requirement of scaffolding.
- ✦ Proven tube bundles and steam path unchanged.
- ✦ Use of reliable technology of induced draft fans, well proven in Cooling Towers.
- ✦ The InAIR protects fans, motors and gearboxes against unnecessary vibrations by eliminating the fan bridge and reducing the impact of the wind at the fan inlet.
- ✦ Limitation of high cost is overcome by using our patented self-supporting ALEX Tube Bundles.
- ✦ Minimum air recirculation due to high exit velocities of air.
- ✦ A redesigned approach to construction, substantially reduces erection costs while lowering material costs.
- ✦ Safer with greater productivity, larger percentage of erection performed at grade.



- | | | | | | |
|---|----------------------|---|-------------------------|---|-------------|
| 1 | Supporting Structure | 4 | Steam Distribution Duct | 7 | Ambient Air |
| 2 | Forced Draft Fan | 5 | Condensate Lines | | |
| 3 | ALEX Fin Tube Bundle | 6 | Condensate Tank | | |

BENEFITS OF InAIR^{ACC}

- ◆ Reduced auxiliary power demand due to lower air-side pressure drop
- ◆ Reduced air inlet and total height of ACC: low visual impact
- ◆ Reduced investment costs
- ◆ Reduction of steel structural weight
- ◆ Reduction of steel structure quantities
- ◆ Reduced cost for construction
- ◆ No fan bridge needed
- ◆ Reduced construction duration: Decrease in man hours for erection work
- ◆ Less vibration stress
- ◆ No wind wall required
- ◆ Low static resistance on air inlet
- ◆ Less sensitivity to wind effects
- ◆ Smaller footprint of columns
- ◆ Shorter delivery and erection periods

"Built on > 1300 Classic ACC references worldwide, ENEXIO's InAIR^{ACC} has made its mark globally"

KEY PROJECTS

CPV Valley
Energy, USA
1 x 500 MW

CPV Towantic
Energy, USA
1 x 470 MW

Noor II CSP
Plant, Morocco
1 x 200 MW

SPECO III,
Oman
2 x 150 MW

Noor III CSP
Plant, Morocco
1 x 150 MW

WE CARE FOR EFFICIENCY & SUSTAINABILITY

- ✉ sales@enexio.com
- ✉ services@enexio.com
- ✉ mail@enexio.com



ISO 9001:2015 certified

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