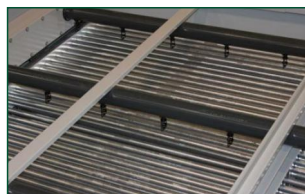


# PCE

## Refrigerant condensers



### Key benefits

- Low energy consumption
- Low noise
- Easy to maintain

#### PCE characteristics

- Counter flow, axial fan, induced draft
- PED 2014/68/EU coil design

#### Capacity range

525 - 2715 kW  
(for single cell models, nominal R717 kW's)

#### Typical applications

- Industrial refrigeration applications
- Dry operation requirement in winter time

## Low energy consumption

- [Evaporative cooling](#) for system-wide energy saving at lower operating temperatures.
- **Axial fan** uses **half the energy** of similar centrifugal fan units.
- Factory tested **high efficiency coil**.
- **High efficiency fan motors**

## Low noise

- PFE features low noise axial fans. To reduce noise even further, choose for [Whisper Quiet fans](#).
- Factory designed, tested and rated [sound attenuation](#) is available on the discharge for further noise reduction.
- [Water silencers](#) achieve noise levels close to those of crossflow towers. Water silencers come always with Whisper Quiet fans.

## Easy to maintain

- **Easier to maintain than** other induced draft counterflow condensers.
- **BranchLok™** water distribution - each branch removable for easy cleaning.
- **Combined inlet shields** for easy no-tool removal.
- **Motor adjusters**: externally accessible and locking wrench for easy motor alignment and belt tensioning.
- Full **cold water basin access** when removing the combined inlet shields.
- **Fans easily accessible** via sliding access door.
- Optional **clean out port** helps remove silt and sludge from the basin.
- Removable **suction strainer** anti-vortex hood.

## Operational safety

- **Closed loop**, no airborne contaminants enter and foul the system.
- Easy-clean and easy-inspect PCE condensers **reduce hygiene risks** from bacteria or biofilm inside.
- Self-cleaning cold water basin and fill above **sloped basin** to flush out dirt and debris
- **Combined inlet shields** block sunlight to prevent biological growth in the tower, filter the air and stop water splashing outside.

## Ship and install PCE easily

- The **leak-free InterLok™ system** means swift PCE condenser on-site assembly. Install the basin on the upper section with no sealer tape in between!
- Compact footprint – **perfect for confined spaces**.
- **Container shipment** often possible!

Interested in the PCE evaporative condenser for your industrial refrigeration application? Contact



your local [BAC representative](#) for more information.

## Downloads

- [PCE evaporative condenser](#)
- [BAC condenser overview](#)
- [Operating and Maintenance PCE](#)
- [Rigging and Installation PCE](#)