

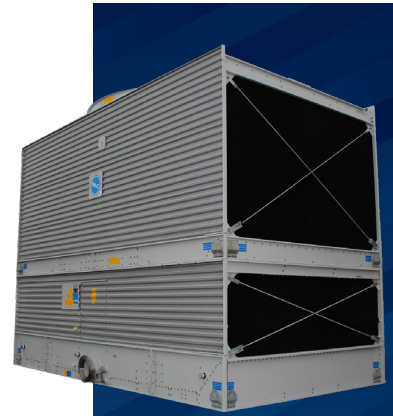


S3000E open circuit cooling towers at the HILTON SALWA BEACH RESORT (Qatar) guarantee the most reliable and safe cooling solution



LOCATION

The Hilton Salwa Beach Resort is the Middle East's premier destination beach resort, located on three million square meters of prime coastline in the southwest corner of Qatar, less than 100 kilometres from Doha.

The resort wanted a reliable solution that withstands the corrosive seaside environment, complies with building safety even in the event of a fire and is easy to maintain.



CUSTOMER REQUIREMENT, NEEDS & EXPECTATIONS

-  RELIABLE performance
-  Easy MAINTENANCE
-  Low SOUND emission
-  SAFE OPERATION for maintenance workers and equipment

BAC SELECTION

(6) S3E-1222-12Q-2/V

- ★ 3rd party Eurovent-CTI certified thermal performance
- ★ Installation supervision
- ★ Start up and commissioning by BAC Middle East team

Options and accessories:

- ★ FM approved
- ★ Complete stainless steel 316L construction
- ★ Stainless steel velocity recovery stack
- ★ Full internal & external ladders, platforms and railings





RELIABLE PERFORMANCE

Certified and reliable performance - The thermal performance is guaranteed by Eurovent-CTI. The multicell arrangement offers an independent fan motor and drive assembly per cell, providing optimal redundancy.

In addition, BAC's stainless steel 316L execution makes the cooling tower corrosion resistant in this maritime seafront area and consequently guarantees a long service life.

MAINTENANCE

Maintenance made easy - Any inspection or maintenance can be done in all comfort. The water distribution system on the top and the BACross fill on the air intake side can easily and safely be accessed from the outside while the unit is in operation.

Should a more thorough inspection be required, sufficient space is available inside to comfortably perform any maintenance standing upright.

An annual maintenance contract was chosen from our certified local service office to guarantee periodic maintenance, including high quality original spare parts.

LOW NOISE

Low air and water noise - The choice of low noise axial fan types combined with the low water noise of the crossflow concept results in minimal surrounding noise.

FM APPROVED SOLUTION

Meeting the most critical safety criteria - FM Global ensures that these cooling towers do not create a fire hazard, especially during periods when the normal water flow in the towers is not in operation.

The cooling towers have been evaluated and found to be low fire hazard not requiring automatic sprinkler protection. Also their wind and seismic ratings have been validated.



Corrosion resistant execution



Easy access via spacious plenum and internal platform



Velocity recovery stacks

