

SeaWorld Parks & Entertainment

ORLANDO, FL, U.S.A.



Solutions

SERIES 1000:
14 UNITS

Temperature reference 26° Fahrenheit



“We don’t want it to be sterile. This is their home. We’re just visiting them.”

BRIAN MORROW | PENGUIN EXHIBIT CREATIVE DIRECTOR

Brief

When SeaWorld Orlando opened its newest penguin exhibit in 2013, it wanted to make a big splash. So it designed Antarctica: Empire of the Penguin to look and feel like a frozen adventure land.

The enclosed exhibit, which covers more than 4 acres, features a trackless bumper car ride that takes visitors on an ice-themed journey. At the end of the ride, guests exit into a massive indoor habitat area that provides an up-close view of more than 200 penguins and other birds.

It’s a marvel of theme park engineering. And at the center of the exhibit is the HVAC system. It keeps the

habitat area at a constant 32 degrees—no small feat in hot and humid Central Florida. The other impressive achievement? No offensive odors.

Clearing the air

Odor control is a huge issue in designing penguin habitats. As cute as those birds may be, they create quite a big—and smelly—mess. So SeaWorld hired CosaTron to install its patented air purification system.

We worked with the exhibition designers and HVAC engineers to help remove the odors from the habitat area. In the process, we created a welcoming space that smells more like an ocean breeze.