



Healthcare

Delta University Hospital



VRF

HITACHI



DELTA UNIVERSITY FOR SCIENCE AND TECHNOLOGY OPENED A BRAND-NEW GENERAL HOSPITAL IN 2023 WITH 91 ROOMS

Located in the Egyptian Delta region, 4km from the southern Mediterranean seaside, the new hospital requires cooling 24hours, 365 days a year, due to hot weather and critical temperature control requirements for patient treatments.

SET FREE SIGMA AND SIDESMART UNITS WERE PROVIDED WITH AN ANTI-CORROSION TREATMENT FOR BETTER DURABILITY OF THE EQUIPMENT

A total of 14 SET FREE Sigma units were installed on the building rooftop, combined with 46 Ducted and Ducted Compact concealed indoor units.

For the operating rooms' air handling units (6 AHU of 54HP each), powerful cooling and ventilation was necessary. SideSmart offers very high energy efficiency levels (COP up to 4.27*) with modules combined to reach up to 386 HP capacity.

TOTAL CAPACITY: 612 HP

Mansoura, Egypt



2023



Cooling



New build

“The client is very satisfied with the AC. It’s very quiet and ensures pleasant cooling throughout the entire hospital.”

Eratec team

[Read the full case study](#)

