CASE STORY

THE CUSTOMER
Infosys Technologies Ltd., a global leader in next-generation digital services and a top 100 brand for 2025, head-quartered in Bangalore, India.

THE CHALLENGE
Build multiple cost-effective, high-efficiency data center cooling solutions for Infosys locations, which can resist fouling, even when utilizing water from cooling towers.

THE SOLUTION
Project design lead, Schneider Electric, trusted SWEP BPHEs to deliver a powerful, sustainable solution.

THE HEAT EXCHANGERS
SWEP B439 units with 4" ports and B649 units with 6" ports were used in unique cooling solutions in several locations.

THE RESULTS
Reduced costs, improved efficiency, and an improved sustainability profile.

Powerful cooling solutions for next-generation data centers

SWEP
A DOVER COMPANY

Infosys believes they have a responsibility to more than just their business. They consider their commitment to ethical business practices, in all interactions, key to their long-term relationships with clients, partners and employees. With this in mind, in 1996, they established The Infosys Foundation to support underprivileged groups in the communities where they operate. The Infosys Foundation is dedicated to empowering women, enhancing human potential, improving access to healthcare and education, and advancing environmental sustainability. The company's decision to build a series of energy-saving, environmentally-friendly cooling solutions for their data centers is just one example of Infosys turning their ideal of building a better world into concrete action.

The role of SWEP BPHEs

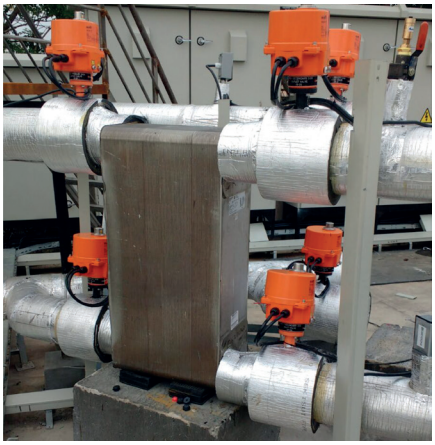
In cooperation with the design team at Schneider Electric, Infosys developed several new solutions for their data center cooling applications, using SWEP B439 and B649 brazed plate heat exchangers to isolate the primary and secondary cooling sources. Water from a cooling tower, the primary source, is fed into cooling coils that absorb heat from critical IT equipment. Compact SWEP BPHEs offer a close temperature approaches at high operating pressures.

A SWEP B439 installation.

Why choose SWEP?

Schneider Electric opted for SWEP brazed plate heat exchangers due to their impressive energy efficiency and reliable technical support. "On the first project, we selected SWEP based on the parameters specified on the selection sheet the sales executive provided" says Infosys. After the installation of the B439 with 4" ports, we knew that the design parameters were in line with the selection and that their efficiency meets our requirements."

Infosys saw a significant improvement in performance and savings and decided to install SWEP brazed plate heat exchangers in four additional projects. For the 3rd project, in Hyderabad, the system was upgraded to include multiple SWEP B649 units, each with 6" ports and 350 m^3/h flow. According to an Infosys spokesperson, "The Hyderabad campus project is our most energy-efficient data center and the performance of the heat exchangers plays a major role in this efficiency."



A SWEP B439 installation.

More About Infosys

Infosys Technologies was founded in 1981, with just $250 USD of capital. Over the past 40 years, they have grown their business into a $19.3 billion USD company (FY25 revenues). Today, Infosys is a NYSE-listed global consulting and IT services company with more than 323K employees and clients in more than 50 countries. As a global leader in next-generation services, Infosys offers strategic consulting and operational leadership that helps enterprises thrive in a changing world. They were the first Indian IT Company to be listed on the NASDAQ.

SWEP B439.

SWEP B649.

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