

ILF Filter in a cooling plant in Gothenburg

COWI is an international engineering company with head office in Gothenburg and specializes in technology development, environmental technology and project management. The company has about 7,000 employees.



The company got a contract from Vasakronan AB, a property company, for rebuilding and upgrading an A/C plant for supply of cooling in an offices and conference building, called "Läppstiftet" in Gothenburg, Sweden. The building has 22 floors and an area of 40,000 m².

The project includes replacement of sea water pumps, cooling machines and sea water filter. Existing ALF filter from Alfa Laval didn't fulfill the requirements of the end user, Vasakronan AB.

COWI made an research about suitable filters. They have high requirements about availability and lifetime as well as easy service. The supplier should also take full responsibility for rebuilding the filter system. The filter protect a heat exchanger from clogging.

After having contacted a number of filter companies and made an evaluation, COWI concluded that ILFCO AB in Lund, provided the best solution. After a short negotiation, they contracted ILFCO AB for suppling the filter including modification of the sea water system.



The cooling plant has now been in operation since March 2019. Vasakronan AB is very satisfied with the trouble free operation of the filter system.

ILF Filter is an automatic pressure multi basket filter for coarse or micro filtration of water from natural sources such as sea water, river water and lake water. ILF filter is designed for use in tough environment. Low, stable pressure drop and low flushing flow with a service-friendly design gives a cost-efficient solution.

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