

ENERGY-EFFICIENT AIR CONDITIONING SYSTEMS



**// An efficient premiere: SBB Accountants, Loppem**

SBB Accountants & Adviseurs is a firm of accountants, auditors and consultants with 28 offices in Flanders. The company offers a full bookkeeping, accounting, taxation and environmental regulation advisory service.

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## Well advised with the City Multi Hybrid VRF system

For its new offices in Loppem the company desired an energy-efficient air conditioning system that operated reliably.

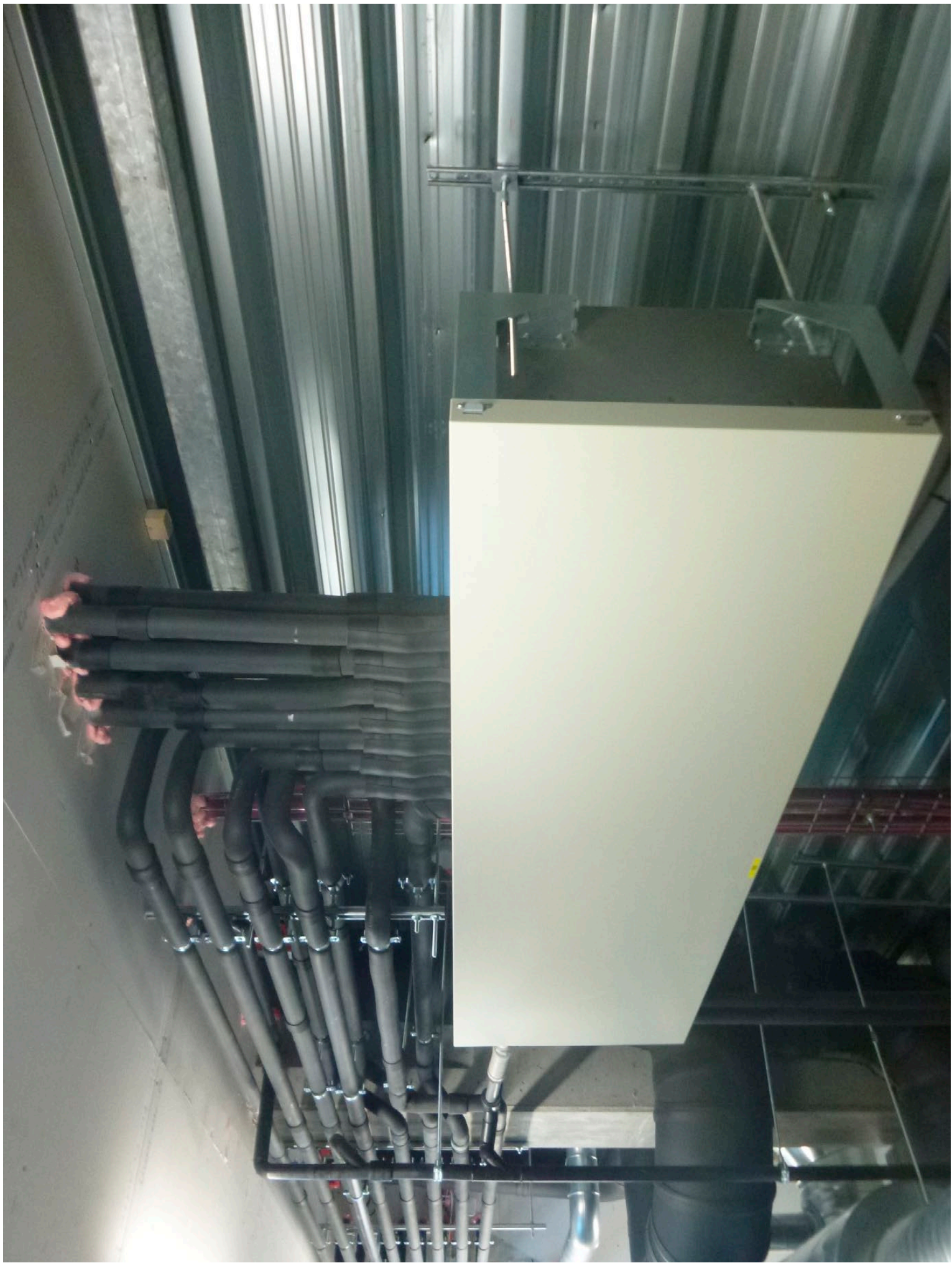
### The requirement

SBB Accountants attaches great importance to sustainability and energy efficiency both for new-build projects and renovations. For its new premises in Loppem, the company expressed a particular preference for an energy-saving air conditioning system that is able to cool and heat simultaneously and can also control every room individually. Another challenge was to

avoid having any refrigerant pipes running through the building. A separate control system was planned for the meeting rooms.

### The solution

To achieve the perfect solution, also with regard to the provisions of the EU F-Gas regulation, the company opted for the City Multi Hybrid VRF system, an efficient alternative to the classic chiller unit. The system in Loppem consists of an R2 outdoor unit, ceiling concealed units and the Hybrid BC Controller. It is operated via a central controller. Air conditioning of the respective rooms



Reference





can also be controlled individually by local remote controllers, with communication via the integrated M-Net data bus. No other buffer storage tanks, pumps or switching valves are required. The system operates with just two instead of the customary

three or four pipes, not only reducing the number of connections but also minimising the leakage risk.



