

DANFOSS LIMITED IN THE NEWS

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The right balance

The installation of Danfoss ASV automatic balancing valves is providing heating comfort and energy savings for tenants living in five social housing tower blocks in south east London. Danfoss' simple and cost-effective solution optimises heating system performance by ensuring that risers are perfectly balanced under all system conditions (partial and full load) and outside temperatures. The result is even heat distribution throughout all apartments, with no overflows and wasted energy, which means lower heating costs for tenants.

The automatic balancing valves offered a solution to system imbalances. Installed on each floor, ASV valves, together with Danfoss by-pass valves to the top of the riser, provided the basis for achieving proper hydronic balance throughout the system. And once the risers had been balanced, fitting Danfoss thermostatic radiator valves with a pre-set function ensured that each radiator got the right amount of heated water to maintain the desired room temperature.

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Danfoss strikes the right balance ASV

The installation of Danfoss ASV automatic balancing valves is providing heating comfort and energy savings for tenants living in five social housing tower blocks in south east London. Danfoss' simple and cost-effective solution optimises heating system performance by ensuring that risers are



perfectly balanced under all system conditions (partial and full load) and outside temperatures. The result is even heat distribution throughout all apartments, with no overflows and wasted energy, which means lower heating costs for tenants. System imbalances and associated temperature control are among the major sources of tenant dissatisfaction.

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DANFOSS LIMITED IN THE NEWS

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Danfoss's balancing act

Danfoss ASV automatic balancing valves have been installed in five social-housing lower blocks in south-east London to overcome problems of unevenly distributed heating from central boiler plant. They were installed with minimum inconvenience to tenants.

ASV valves consist of two components – a differential-pressure controller to maintain constant differential pressure across the riser and its partner valve mounted in the supply line. They are installed on each floor.

Danfoss bypass valves at the tops of riser provide the basis for achieving proper hydronic balancing.

Once the risers had been balanced, Danfoss TRVs with a pre-set function ensured that each radiator received the right amount of heated water to maintain the desired room temperature.

Enquiry Number 100 on the card or at www.modbs.co.uk/enquiries



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Danfoss



Danfoss ASV automatic balancing valves are providing heating comfort and energy savings for tenants in London tower blocks. Danfoss' simple and cost-effective solution optimises heating system performance by ensuring that risers are perfectly balanced under all system conditions and outside temperatures. The result is even heat distribution with no overflows or wasted energy and lower heating costs. ASV consists of two components: a differential pressure controller and partner valve mounted in the supply line. Installed on each floor, ASV valves, with Danfoss by-pass valves to the top of the riser provided the basis for achieving proper hydraulic balance throughout the system. Once the risers had been balanced, fitting thermostatic radiator valves with a pre-set function ensured each radiator got the right amount of heated water to maintain the desired room temperature.

www.heating.danfoss.co.uk