

BIDDLE FUTURE- PROOFS SCHOOL WITH ENERGY EFFICIENT SOLUTION

Biddle Air Systems, a world-leader in climate control solutions, has delivered an energy efficient, future-proof solution in a West Midlands school.

With energy efficient boilers becoming more popular within educational institutions, Biddle's leading range of products offer the perfect solution.

THE CHALLENGE

Biddle's expert team was asked to provide a well-fitting selection of units that would maximise the use of classroom space as well as perform well with energy efficient boilers to save on future cost when the time comes for a replacement.

Though great products, traditional fan convectors typically do not perform as well with lower temperature boilers; an innovative solution that would complement a lower water flow temperature boiler was needed.

THE SOLUTION

Biddle's leading range of products incorporates the Forceflow Condensing Boiler (CB) Fan Convector unit which has been designed specifically to perform well with the lower flow and return temperatures possible with energy efficient systems.

Featuring a larger heat exchanger, the Forceflow CB is able to utilise water at a lower temperature and maintain the same quick heat-up and efficient heat distribution as a traditional fan convector; which generally uses smaller coils and water at a higher temperature.

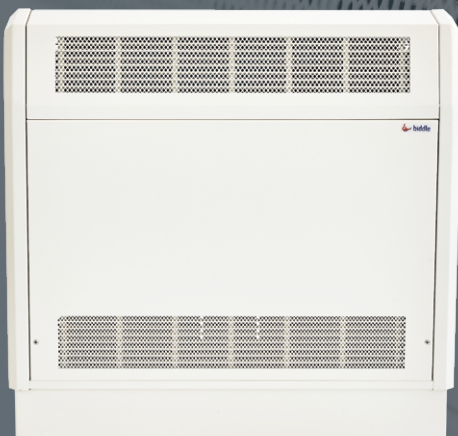
With the ability to mount units at a high level, they are also perfect for maximising limited amounts of low level wall space.

THE RESULT

- ◉ Providing an energy efficient solution that works well with newer boilers that operate at lower temperatures, the School could feel secure in knowing that their heating solution is future-proofed for upgraded heating systems in the years ahead; helping to optimise energy savings and efficiency.
- ◉ Units mounted higher up, rather than on the floor, made for a better use of space and a tidier, safer environment for the children to learn in.



FORCEFLOW



THE CONCLUSION

Douglas Bench, Director of Sales at Biddle Air Systems concludes: "Our Research and Development team is constantly working to ensure that our products maintain their industry-leading status and remain innovative and up-to-date within the current climate.

We're at a stage where all industries and businesses are very conscious of energy consumption and are taking steps to minimise our effect on the environment as much as possible.

With that comes a need for refined products, and upgrades to historic ones. At Biddle we recognise that having heating solutions which are able to complement and optimise the more energy efficient solutions of recent times is hugely important.

The Forceflow CB is a great product example of one of the ways that we can help schools, and other businesses, that are looking into replacing their old boilers with new ones; but that want the same benefits and efficiency of a traditional fan convector."