

Heat pumps now easier to install

The Yutaki air source heat pump range from Hitachi has been extended with a total of 70 new models which are more compact and lighter for easier handling. The introduction of common components and controllers also helps to reduce installation and maintenance time.

The product range includes the Yutaki-S which is suitable for the heating and domestic hot water requirements. There are three new indoor units (4.3, 6 and 7.5kW) designed to fit a standard kitchen cupboard space. Efficiency has also been improved with CoPs of up to 5.25.

The all-in-one Yutaki-SCombi (pictured) provides

an integrated solution and has been specifically designed for the UK market. The indoor unit has a built-in 200 or 260 litre stainless steel hot water cylinder, as well as the main hydraulic components such as the pump, filter and back up heater, plus a new controller.

The high temperature Yutaki-S80, which generates hot water up to 80°C, has also been redesigned with easier connections at the top of the indoor unit for simpler installation. Hitachi says that it can be used as a replacement for boilers without any need to change radiator sizes or the existing hot water tank.

PHAM NEWS ENQUIRY No. www.hitachiheating.com 166



More options in Tesi range

The recently released Tesi collection from Ideal Standard has been extended with the launch of a second phase of new products.

Created by Ideal Standard designer, Robin Levien, Tesi is a cross category solution, with options which are said to work as well in family bathrooms, as cloakrooms and en-suites.

Described as slender, elegant and versatile, the extended range includes the addition of a number of new semi countertop and 50cm basins. This increases the number of basin options to five, widening the range and enabling it

to scale down for smaller sized rooms and cloakrooms. The new 55cm semi-countertop option also enables compatibility for those wanting to install furniture.

Also added to the collection are new close coupled back to

wall and back to wall toilet bowls, all of which feature the company's AquaBlade flushing technology as standard.

Claimed to offer improved hygiene, less splashing and reduced noise levels, the AquaBlade flushing system



means that the toilet flushes from the top of the bowl, washing the entire inner surface and avoiding any need to have to clean an overhanging rim.

Designer Robin Levien comments: "The collection uses contemporary shapes to create a design classic, creating a range of products which can be used to build a bathroom that is unique to its owner, while providing the ease of maintenance and timeless appeal that many end users look to obtain from their home décor."

PHAM NEWS ENQUIRY No. www.ideal-standard.co.uk 167

Saving with safety

Made from WRAS approved materials and designed to fit a standard 1/2in BSP hose connector, the new Twyford X120 Thermostatic Shower Valve is said to be easy to install and packed with user benefits.

Suitable for projects where eco credentials are key, the X120 has a water-saving feature to control flow without compromising on performance, while a number of safety features make it a good choice for installation in family bathrooms too.

The X120 Thermostatic Shower Bar Valve has a temperature pre-set to 38°C, with a push button override



to 46°C, while its cool-touch technology helps to prevent scalding.

PHAM NEWS ENQUIRY No. twyfordbathrooms.com 168

Magic solution comes in a big box

Building on its range of MCS-approved solar assisted heat pumps, The Magic Thermodynamic Box company has launched a larger version that now includes an 'A' rated stainless steel cylinder. Dubbed the Big Magic Thermodynamic Box, the new model comprises an all-in-one integrated cylinder with thermodynamic heat pump inside and an aluminium thermodynamic panel.

The system comes in two sizes, 130 and 200 litres of water capacity, although bespoke systems can be made to order. The new system is designed to provide the user with 100% of their domestic hot water needs, working as a standalone water heating system. The panel works in any weather conditions and without the need of a boiler.



The company supplies everything from the 'A' rated cylinder through to the thermodynamic panels and says that the system can be installed in less than a day. It is claimed that users could save up to 80% on domestic hot water usage.

The thermodynamic collector is described as a low maintenance system, with little to no ongoing running costs involved compared to other solar thermal panel systems.

For installers who are interested in fitting the range of Magic Thermodynamic Products the company has developed a training course with PPL training which is City & Guilds accredited. The one-day course ensures that every installer has the knowledge to install the Solar Assisted Heat Pump correctly and is confident in working with the system.

www.magicthermodynamicbox.com PHAM NEWS ENQUIRY No. 169

Digitemp range enhanced

Aimed at domestic and light commercial applications, the Digitemp range from Xpelair offers three solutions for cooling, heating and dehumidification. The

system offers year-round climate control from a single, integral unit with no requirement for external installation.

The extended range

includes the WHP245N model, Digitemp Air and the Digitemp Inverter. All models boast an energy efficiency rating of 'A' class and require little maintenance.

Running costs for the Digitemp models are described as favourable compared to conventional electric heaters, consuming 60% less electricity.

Digitemp Air is the newest member of the Digitemp family and boasts an ultra slim design and the quietest system in the range thanks to the latest sound-absorbing, anti-vibration materials.

PHAM NEWS ENQUIRY No. www.xpelair.co.uk 170



Stainless steel for small plant rooms

After launching the Wessex ModuMax mk3 stainless steel modular boiler earlier this year, Hamworthy Heating has introduced the new Stratton mk2 wall hung boiler. This boiler is the smallest output in the stainless steel family and is designed for restricted space plantrooms.

Keith Thompson, Chief Commercial Officer at Hamworthy, says: "With improved pipework kits, the boiler is lightweight and easy to install. It also features an internal combustion non-

return valve, enabling it to fit into smaller spaces as a lower height is needed for the flue header off the top of the boiler."

This latest development has been designed to assist customers in refurbishment projects. The robust qualities of stainless steel make it tolerant of older heating circuits and resistant to corrosion for easy maintenance and a long life. Higher efficiency and an increased range of outputs between 40 and 120kW enables closer load



matching for energy saving.

The Stratton mk2 also comes with a five year warranty on the heat exchanger.

PHAM NEWS ENQUIRY No. hamworthy-heating.com 171