Contour 21+ Comfort Single Lever PBV Basin Mixer

Introducing a new Contour 21+ family member

COLLABORATE. INNOVATE. PROTECT.



Armitage Shanks



ENGINEERED FOR HYGIENE, SAFETY AND SAVINGS.

The Contour 21+ Comfort single lever, Pressure Balance Valve (PBV) monobloc mixer is a sophisticated, non-thermostatic deck-mounted basin mixer specifically engineered to meet the uncompromising hygiene and safety demands required in UK healthcare, whilst offering maintenance cost savings.

With proven, robust PBV technology seamlessly integrated into a sleek, single-lever design, matching the contemporary style of our popular Contour 21+ tap range, this mixer goes beyond standard single lever performance. It offers a suite of features crucial for patient and user safety, infection control and cost-efficiency, making it ideally suited for hospitals and clinics - but also commercial washrooms generally.





THE ADVANTAGES OF PBV TECHNOLOGY.

While thermostatic taps remain the best option for maintaining a consistent outlet temperature and pressure, PBV technology offers an alternative safe water temperature delivery option for suitably risk assessed hospital and healthcare environments.

Hot supply failure
cold water flow quickly decreases

Cold supply failure
hot water flow is rapidly reduced

Reduced risk
of scalding and thermal shock

MAINTAINING SAFETY WITH LOWER MAINTENANCE COSTS.

With ever-tighter healthcare budgets, the highest standards of user safety and hygiene need to be maintained without increasing maintenance costs. With that in mind, the Contour 21+ Comfort mixer is an ideal choice, thanks to PBV technology.

While Thermostatic Mixing Valves (TMVs) are considered best in class, they require stringent, regular servicing to meet standards like HTM 04-01 (D08). PBV taps do not necessitate the same level of commissioning or frequency of checks. The HTM 04 standard does not stipulate additional servicing guidelines for non-thermostatic taps. This significantly reduces long-term maintenance costs and servicing burdens, offering an attractive proposition for budget-conscious healthcare facilities looking for safe temperature water delivery, without higher ongoing servicing costs.

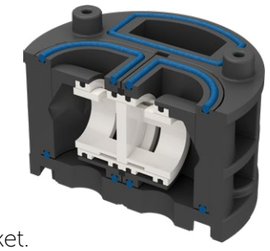
PBV technology
for safe-temperature water delivery

Fewer mandated checks
than thermostatic mixing valves

Lower maintenance costs
with a reduced long-term servicing burden

HOW DOES IT WORK?

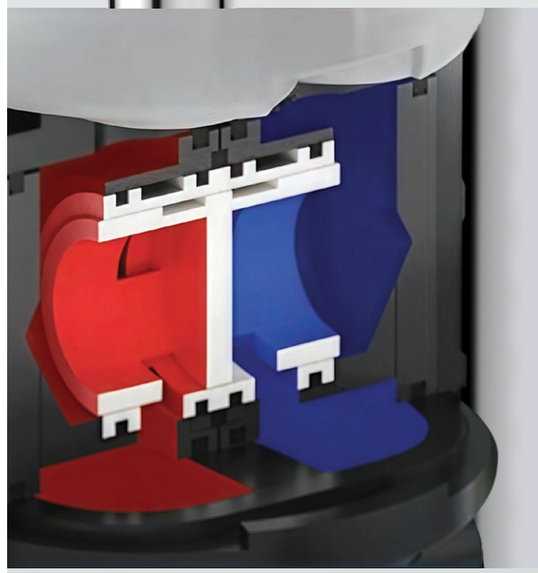
The pressure balancing valve adjusts to variations in water system pressure to maintain a consistent water temperature at the outlet, even though there may be pressure variations.



At the heart of the valve in the Contour 21+ PBV mixer is a unique ceramic ‘sleeve and shuttle’. As they are ceramic, the sleeve and shuttle are smoother, more hygienic and durable than others on the market.

When a pressure change is detected, the cleverly engineered shuttle moves within the sleeve, increasing or restricting the hot and cold supplies to achieve a new pressure balance, thereby maintaining a consistent outlet temperature.





DESIGNED ON THE OUTSIDE.

The extended medical handle offers easy, hygienic operation for healthcare professionals.

Smooth monobloc surfaces simplify cleaning and support improved hygiene.

The self-draining inclined spout minimises water pooling and reduces the potential for bacterial stagnation.

The BioGuard open outlet is specifically designed to prevent biofilm formation and help minimise bacterial growth.



The M24 threaded nozzle supports PAL and T-Safe POU filters for advanced water safety, while still maintaining an AUK Type 3 air gap.

In-line service valves simplify strainer cleaning, valve checks, cartridge servicing and cold-water failure testing. They contain strainers, check valves, an isolating valve and 4 lpm regulators.



Fitted with copper tails to help combat possible bacterial build-up in water supply pipework.

ENGINEERED ON THE INSIDE.

The temperature limiting device includes a recommended 38°C pre-set for added safety.

The FirmaFlow+ 38 mm ceramic disc cartridge has been tested to over 750,000 cycles for high durability and long-lasting performance.

Thermal purge capability

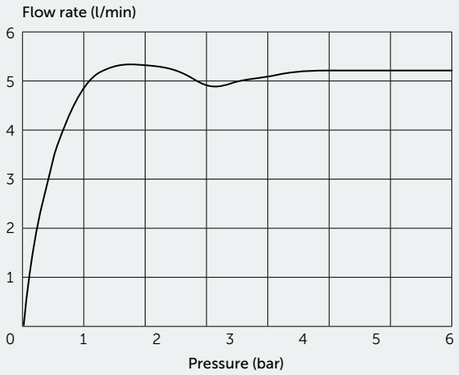
Enables thermal disinfection cycles to help maintain system hygiene.

Suitable for low and high-pressure installations

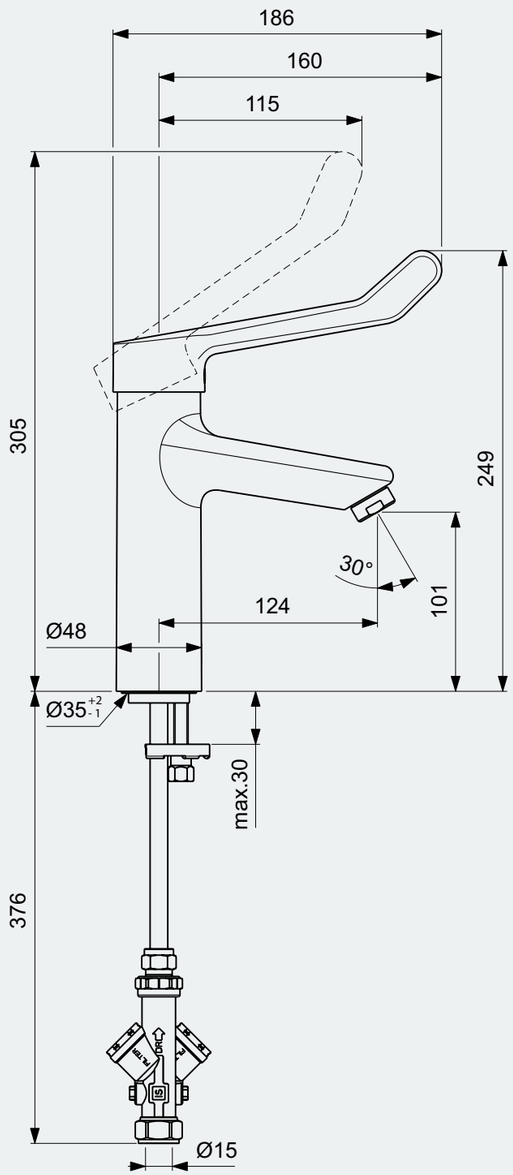
Compatible for use with pressures from 0.5 Bar up to 10 Bar.

Consistent flow performance

Outlet flow maintained at approximately 5 l/pm between 1 and 6 bar, supporting consistent performance and water efficiency.







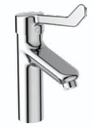
TECHNICAL SPECIFICATIONS

BE290AA

Contour 21+ Comfort
single lever basin mixer

Scan the QR code to view and download full technical information, or visit: **idealspec.co.uk**

ARMITAGE SHANKS COMMERCIAL & HEALTHCARE MONOBLOC TAPS.

	Contour 21+ Manual basin mixer	Contour 21+ TMV basin mixer	**Contour 21+ Comfort SL PBV basin mixer**	Markwik 21+ TMV basin mixer
				
	BC122AA	A6697AA	**BE290AA**	A6696AA
Cost saving as no outlay for regular TMV audit	•		•	
Cut-off failsafe in event of cold-water failure		•	• Partial	•
Drain down spout	•	•	•	•
Equipped with BioGuard outlet			•	•
Fitted with copper tails	•	•	•	•
P.O.U filter compatible (hospital air gap compliant)			•	•
Protection from pressure fluctuations		•	•	•
Protection from variations in inlet water temperatures		•		•
Sequential temperature control		•		•
Temperature limiting stop	•	•	•	•
Thermal disinfection		•	•	•

Suitability of a mixer tap is dependent on risk assessment of the installation environment.



For further product information and specifications, see the Contour 21+ Comfort SL basin mixer on IdealSpec.co.uk. Email **specsupport@idealstandard.com**, or for project pricing requests **estimating@idealstandard.com**, or call **01543 413414.**

GUARANTEE

Contour 21+ Comfort SL basin mixers are covered by a 5-year guarantee against manufacturing defects.

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