



<b>Product Code</b>	AQT-CHR-3171B
<b>Description</b>	Monoblock Basin Mixer with Swivel Pipe Spout & 375mm Long Braided Hoses
<b>Connection Size</b>	Braided hoses, 1/2" FIP (WRAS Approved) Withstand pressure of 10 Bar
<b>Flow Rate</b>	19.79 LPM @ 3 bar
<b>Flow regulator</b>	By using flow regulators (Product should be ordered with suffix as G-2.5 LPM, GA-6.0 LPM, GB-8.0 LPM, GD-3.8 LPM & GE-1.3 LPM @ 4.0 Bar pressure) one can regulate the flow rate.
<b>Recommended Water Pressure</b>	0.5 Bar - 5 Bar
<b>Material Composition Specification in Percentage</b>	<p><b>Brass Ingots as per IS:1264-1997</b> Cu (58.0-63.0), Sn (0.0-1.0), Pb (0.5-2.5), Ni (0.0-1.0), Al (0.2-0.8), Mn (0.0-0.5), Total Impurity (0.0-2.0), Zn (Remainder)</p> <p><b>Brass Rod as per IS:319-1989</b> Cu (56.0-59.0), Pb (2.0-3.5), Fe (0.0-0.35), Total Impurity (0.0-0.7), Zn (Remainder)</p> <p><b>Brass Sheets as per IS:410-1977</b> Cu (61.5-64.5), Pb (0.0-0.3), Fe (0.0-0.075), Total Impurity (0.0-0.6), Zn (Remainder)</p> <p><b>Brass Pipe as per IS:407-1996</b> Cu (62.0-65.0), Pb (0.0-0.3), Fe (0.0-0.01), Total Impurity (0.0-0.6), Zn (Remainder)</p> <p><b>ABS</b> - Specific Gravity (g/cm<sup>2</sup>) - (1.06-1.10), Melt Mass Flow Rate (g/10 min.) - (20-26), Rockwell Hardness - (95-115), DTUL @ 66 psi (0.45 MPa) (OC) - (78-102)</p>
<b>Cartridge Specification</b>	Fittings : Components have WRAS Approved for food grade conformity with Brass Housing and Spindle Life Cycle EN 200: 200,000 cycles (Standard) - 5.0 LAC Cycles as per EN 200*
<b>Water Tightness</b>	16 bar (Pass)
<b>Pressure Resistance</b>	25 bar (Pass)
<b>Finish</b>	Plating: Nickel-10.0 micron Chromium-0.3 micron Salt Spray (500 hrs + Validated) Adhesion (Pass)
<b>Aerator Size</b>	WRAS, ACS Approved (M 24X1)
<b>Available Colour Finishing</b>	CHROME (CHR)

\* As per in-house testing done on automatic life cycle testing machine made by Giussain, Italy

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