

Washroom Solution



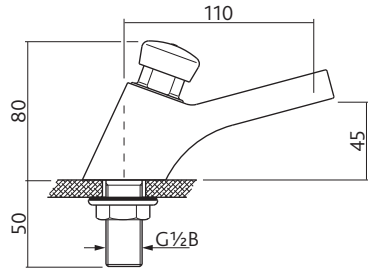
SILFRA

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# Non-Concussive Taps and Shower Valves

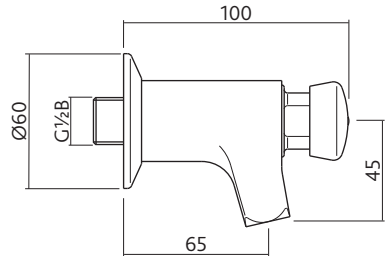
QK23051

Non-Concussive Basin Tap - Single



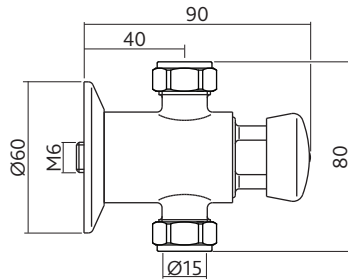
QK23551

Non-Concussive Panel Mounted Tap - Single



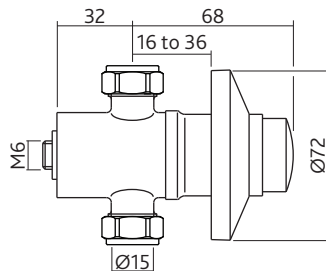
QK16551

Non-Concussive Exposed Shower Valve



QK15051

Non-Concussive Concealed Shower Valve



All dimensions shown in mm unless otherwise stated.

# Non-Concussive Taps and Shower Valves

## Installation

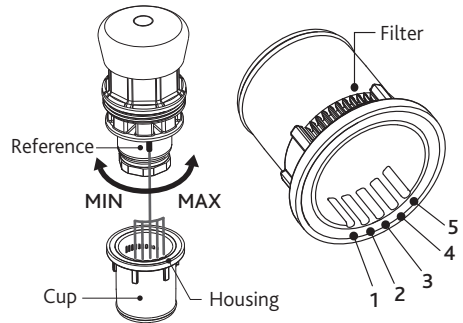
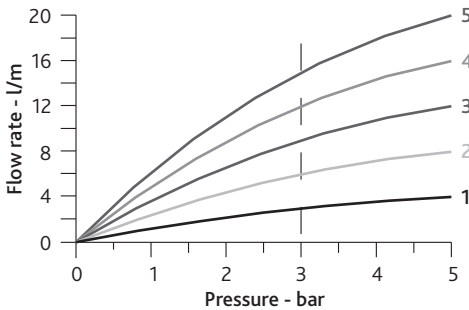
It is recommended that a strainer or filter is installed upstream of the tap or shower to prevent debris entering valve, causing damage or leakage.

## Technical Specification

Recommended operational pressure:	1 to 5 bar
Maximum test pressure:	5 bar
Maximum hot water temperature:	80°C
Working temperature range:	50 to 60°C
Maximum pressure difference between hot and cold water:	1.6 bar

Time and flow rate are given in the table.

Type	Time - seconds	Flowrate @ 3 bar
Tap	15±5	6 l/m
Shower	30+5/-10	9 l/s



## Flow Setting

The flow rate depends on the position of the reference (located on the cartridge body) in the seat of the plastic cup.

The flow is a function of pressure as shown in table.

To adjust the flow rate proceed as follows:

- 1 Unscrew the cartridge from the tap body and remove the plastic cup.
- 2 Select the position desired on the cup positions 1 to 5.
- 3 Screw back the cartridge into the tap body.

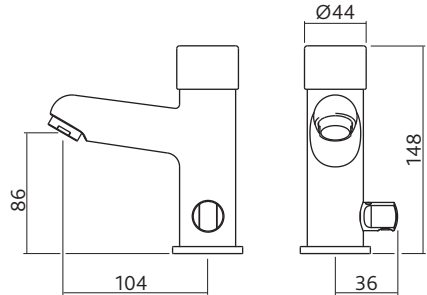
To clean the filter follow the procedure below;

- 1 Isolate the hot/cold water supply
- 2 Unscrew the cartridge from the tap body and remove the container
- 4 Clean the filter under running water
- 5 Refit the cartridge into the body, making sure the cup is set to the desired position.

# Mixer Non-Concussive Tap

Q425251

Non-Concussive Basin Mixer Tap - Single



All dimensions shown in mm unless otherwise stated.

## Introduction

The wash basin push tap with temperature regulation is equipped with a cartridge that allows simple control of timing and flow rate. Timing and flow rate can be progressively adjusted using an Allen key without removing the cartridge from the tap body. This means that the tap is always perfectly regulated.

## Installation

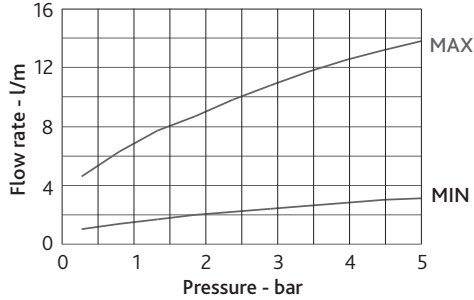
It is recommended that a strainer or filter is installed upstream of the tap to prevent debris entering valve, causing damage or leakage.

## Technical Specification

Recommended operational pressure:	1 to 5 bar
Maximum static pressure:	10 bar
Minimum static pressure:	0.5 bar
Maximum test pressure:	16 bar
Maximum hot water temperature:	80°C
Working temperature range:	50 to 60°C
Maximum pressure difference between hot and cold water:	1.5 bar
It is recommended to use a pressure reducing valve if the static pressure exceeds:	3 bar
Time and flow rate are shown on the chart.	

# Mixer Non-Concussive Tap

## Flow Chart



## Temperature Adjustment



The temperature can be adjusted by rotating the knob anticlockwise to reduce the temperature and clockwise to increase it.

## Flow Rate and Timing Adjustment

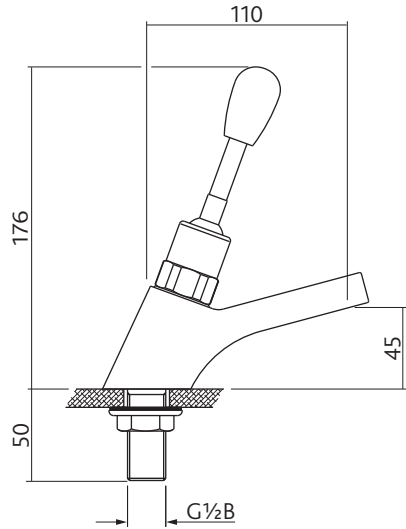


It is possible to progressively vary the timing and flow rate without removing the cartridge from the tap body using a 2mm hexagonal wrench.

# Lever Non-Concussive Tap

QL23051

Non-Concussive Lever Tap - Single



All dimensions shown in mm unless otherwise stated.

## Installation

The tap is designed for basin mounting and can be used with hot, cold or mixed water. It is recommended that a strainer or filter is installed upstream of the tap to prevent debris entering valve, causing damage or leakage.

## Technical Specification

Recommended operational pressure:	1 to 5 bar
Maximum test pressure:	5 bar
Maximum hot water temperature:	80°C
Working temperature range:	50 to 60°C

## Operation

By moving the lever using a hand, forearm or elbow in any direction operates the tap and by releasing the lever the tap is turned off.

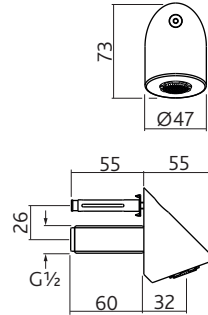
# Vandal Resistant Shower Heads

PD15251

Vandal Resistant Shower Head



All dimensions shown in mm unless otherwise stated.

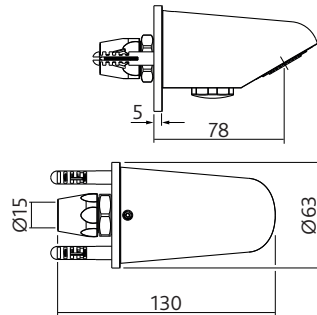


The vandal resistant shower head is design for a concealed supply behind a panel or wall and is ideal for communal facilities in schools, sports and leisure facilities and other areas where there is a risk of misuse.

The PD15251 shower head can be used with the QK15051 concealed shower valve or similar or via a thermostatic mixing valve

AT89051

Vandal Resistant Shower Head



The vandal resistant shower head can be configured for a concealed or exposed supply and is ideal for communal facilities in schools, sports and leisure facilities and other areas where there is a risk of misuse.

The AT89051 shower head can be used with the QK15051 concealed or the QK16551 exposed shower valves or via a thermostatic mixing valve.

## Technical Specification

Recommended operational pressure:	1 to 5 bar
Maximum test pressure:	16 bar
Maximum hot water temperature:	70°C
Recommended shower temperature:	41°C
Maximum shower temperature:	43°C
Thermal disinfection temperature:	Maximum 70°C for 4 min

# Related Products

116420

Thermostatic Regulator for Hot Water Recirculation - WRAS approved product



## Technical Specification

Max. working pressure:	16 bar
Max. differential pressure:	1 bar
Factory setting:	52°C
Disinfection temperature:	70°C
Closing temperature:	75°C
Temperature adjustment range:	35 to 60°C

5213 Merchant

Thermostatic Mixing Valve - TMV2 and TMV3



## Technical Specification

Max. working pressure:	Static	10 bar
	Dynamic	5 bar
Max. hot inlet temperature:		85°C
Accuracy:		±2°C
Max. inlet pressure ratio (H/C or C/H):		6:1
Temperature adjustment range:		30 to 50°C

521928

Mixcal III Group Thermostatic Mixing Valve - TMV2



## Technical Specification

Max. working pressure:	Static	14 bar
	Dynamic	5 bar
Max. hot inlet temperature:		90°C
Accuracy:		±2°C
Max. inlet pressure ratio (H/C or C/H):		2:1
Temperature adjustment range:		35 to 65°C

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