



HIGH PERFORMANCE • DURABILITY • SAFE • FLEXIBILITY

KL Lab Supplies develops, manufactures and delivers complete laboratory service fittings for professional laboratories. Our quality products ensure the accurate flow of water, gases and air, from source to user. With our wide knowledge of laboratory, it allows us to continually develop and optimize our products to meet customer needs and specifications. The main products for our laboratory service fitting are laboratory water tap, gas valve, remote control for fume cupboard, service outlet, and laboratory water mixer. All the products focus on safety, flexibility, functionality and quality.

Our laboratory water tap are divided into few categories, which are single way water fitting, two way water fitting, three way water fitting, female inlet water fitting, and male water fitting. You can choose from swivel outlet, fixed outlet, or wall mounted, and also with or without elbow action handle. There are also 3 main types of gas valve, which is single way, two way, or four way that come with different mounting and valve shape.

The remote controls for fumecupboard produced by KL Lab are suitable for gas or water control. The tubes are made with copper, also with different size and inlet & outlet. To fulfil the different needs in laboratory, the water mixer are design with different specification, which is bench mounted one hole mixer, bench mounted one hole mixer with elbow action handle, bench mounted two holes mixer, bench mounted two hole mixer with elbow action handle, wall mounted two hole mixer, and wall mounted two hole mixer with elbow action handle.

MATERIALS

The Mastap laboratory service fittings are made of high quality all brass bodies, ABS handle and polypropylene outlet nozzle. The surface of all fittings is coated epoxy powder to prevent from impact damage and resistant to chemical and corrosive vapours.

SPECIAL ADVANTAGES

Mastap laboratory fittings are designed and manufactured with a special view to the requirement of a modern laboratory. Good performance, durability, easy operation, flexibility and streamlined design with an easy to clean and attractive.

PRESSURE TEST

Water Fittings - used domestic water

Maximum working pressures

| KPa | kN/m ² | bar | p.s.i |
|------|-------------------|-----|-------|
| 1000 | 1000 | 10 | 147 |

































Pressure test after installation: 1.0 x max. working pressure.

Gas Fitting - with safety handles used for natural and low pressure gases

Maximum working pressures

| KPa | kN/m ² | bar | p.s.i |
|-----|-------------------|-----|-------|
| 700 | 700 | 7 | 100 |

Pressure test after installation: 1.5 x max. working pressure without function of the valve.

| DIN STANDARD 12920 : 1995 - 10 Colour Coding of Operating Handles | | |
|--|---|---|
| Colour Code Chart | DIN 12920 : 1995 -10 Recommendations | Text Symbols |
| Cold Water |  |  |
| Hot Water |  |  |
| Distilled Water |  |  |
| Low Pressure Steam |  |  |
| Vacuum |  |  |
| Compressed Air |  |  |
| Oxygen |  |  |
| Propane / Butane LPG (Burning) |  |  |
| Butane (Burning) |  |  |
| Propane (Burning) |  |  |
| Acetylene (Burning) |  |  |
| Hydrogen (Burning) |  |  |
| Nitrogen |  |  |
| Carbon Dioxide |  |  |
| Argon |  |  |
| Helium |  |  |

Other colours and text symbols available on request

PRESSURE CONVERSION

| | bar | Pa | p.s.i |
|--------------|------------------------------|-----------------------------|-------------------------------|
| 1 bar | 1 | 1 x 10⁵ | 14.5 |
| 1Pa | 1 x 10⁻⁵ | 1 | 1.45 x 10⁻⁴ |
| 1psi | 6.9 x 10⁻² | 6.9 x 10³ | 1 |

Example: 67 psi = 6.9 x 10⁻² = 4.6 bar

LABORATORY WATER TAP



BF100-000

Single Way Swivel Outlet Water Fitting

BF100-008

Single Way Swivel Outlet Water Fitting With Elbow Action Handle



BF108-000

Single Way Fixed Outlet Water Fitting

BF108-008

Single Way Fixed Outlet Water Fitting With Elbow Action Handle



BF142-000

Wall Mounted Single Way Swivel Outlet Water Fitting

BF142-008

Wall Mounted Single Way Swivel Outlet Water Fitting With Elbow Action Handle



BF148-000

Female Inlet Wall Mounted Water Fitting

BF148-008

Female Inlet Wall Mounted Water Fitting With Elbow Action Handle



BF148-010

Male Inlet Wall Mounted Water Fitting

BF148-018

Male Inlet Wall Mounted Water Fitting With Elbow Action Handle

LABORATORY WATER TAP



BF189-500

Female Inlet Suspended/ Wall Mounted Water Fitting

BF189-508

Female Inlet Suspended/ Wall Mounted Water Fitting With Elbow Action Handle

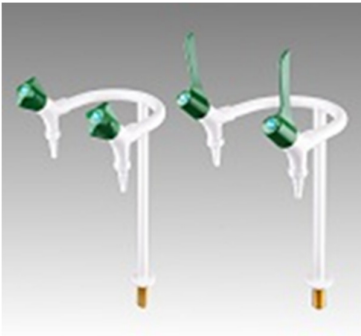


BF189-510

Male Inlet Suspended/ Wall Mounted Water Fitting

BF189-518

Male Inlet Suspended/ Wall Mounted Water Fitting With Elbow Action Handle



BF206-000

Two Way Fixed Outlet Water Fitting

BF206-008

Two Way Fixed Outlet Water Fitting With Elbow Action Handle



BF301-000

Three Way Swivel Outlet Water Fitting

BF301-008

Three Way Swivel Outlet Water Fitting With Elbow Action Handle

GAS VALVE



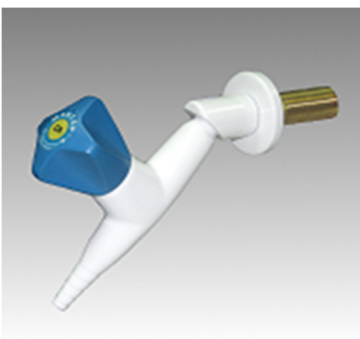
BF507-000
Single Way Bench Mounted Gas Valve



BF507-200
Single Way Bench Mounted Needle Valve
BF507-400
Single Way Bench Mounted Gas Valve With Safety Handle



BF548-000
Single Way 135° Wall Mounted Gas Valve



BF548-200
Single Way 135° Wall Mounted Needle Valve
BF548-400
Single Way 135° Wall Mounted Gas Valve With Safety Handle



BF589-000
Single Way Suspended/ Wall Mounted Gas Valve

GAS VALVE



BF589-200

Single Way Suspended/ Wall Mounted Needle Valve

BF589-400

Single Way Suspended/ Wall Mounted Gas Valve With Safety Handle



BF607-000

Two Way 90° Bench Mounted Gas Valve



BF607-200

Two Way 90° Bench Mounted Needle Valve

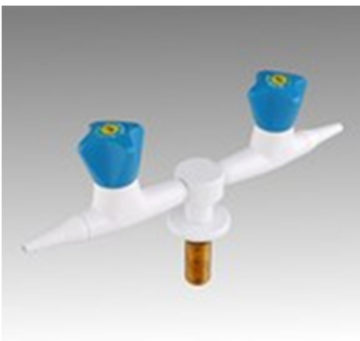
BF607-400

Two Way 90° Bench Mounted Gas Valve With Safety Handle



BF609-000

Two Way 180° Bench Mounted Gas Valve



BF609-200

Two Way 180° Bench Mounted Needle Valve

BF609-400

Two Way 180° Bench Mounted Gas Valve With Safety Handle

GAS VALVE



BF647-000

Two Way 90° Wall Mounted Gas Valve



BF647-200

Two Way 90° Wall Mounted Needle Valve

BF647-400

Two Way 90° Wall Mounted Gas Valve With Safety Handle



BF687-200

Two Way 90° Suspended Needle Valve

BF687-400

Two Way 90° Suspended Gas Valve With Safety Handle



BF707-000

Three Way Bench Mounted Gas Valve



BF807-000

Four Way Bench Mounted Gas Valve

GAS VALVE



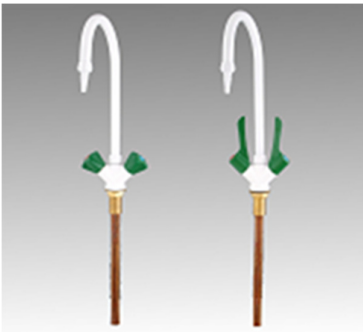
BF807-200

Four Way Bench Mounted Needle Valve

BF807-400

Four Way Bench Mounted Gas Valve With Safety Handle

LABORATORY WATER MIXER

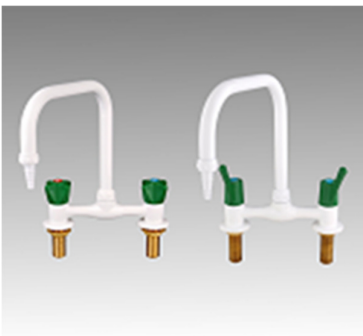


BF113-000

Bench Mounted One Hole Mixer

BF113-008

Bench Mounted One Hole Mixer With Elbow Action Handle



BF123-000

Bench Mounted Two Hole Mixer

BF123-008

Bench Mounted Two Hole Mixer With Elbow Action Handle



BF153-000

Wall Mounted Two Hole Mixer

BF153-008

Wall Mounted Two Hole Mixer With Elbow Action Handle

REMOTE CONTROL FOR FUMECUPBOARD



BF900-000
Remote Control Water With 3/8" Inlet & Outlet



BF900-010
Remote Control Water



BF901-010
Remote Control Water With 1/2" Flexible Hose



BF902-000
Remote Control Gas With Safety Handle And 3/8" Inlet & Outlet



BF902-010
Remote Control Gas With Safety Handle

REMOTE CONTROL FOR FUMECUPBOARD



BF903-000
Remote Control Gas With Safety Handle And 1/2" SS Flexible Hose



BF903-010
Remote Control Gas With Safety Handle And 1/2" SS Flexible Hose



BF904-000
Remote Control Gas With 3/8" Inlet & Outlet



BF904-010
Remote Control Gas

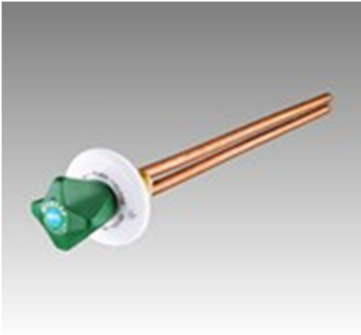


BF920-000
Remote Control Water With 1/2" BSP Inlet & Outlet

REMOTE CONTROL FOR FUMECUPBOARD



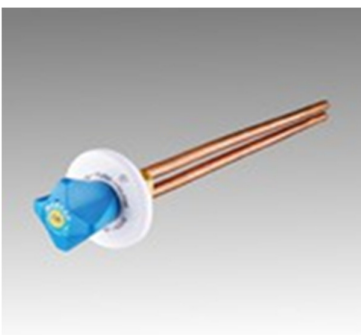
BF921-000
Remote Control Water With 1/2" Flexible Hose



BF940-000
Remote Control Water With Copper Tube



BF942-000
Remote Control Gas With Safety Handle And
Copper Tube



BF944-000
Remote Control Gas With Copper Tube

SERVICE OUTLET



BF130-000
Bench Mounted Swivel Water Outlet



BF135-000
Bench Mounted Water Outlet



BF166-000
90mm Wall Mounted Water Outlet With 3/8" Inlet
BF167-000
90mm Wall Mounted Water Outlet With 1/2" Inlet



BF168-000
150mm Wall Mounted Water Outlet With 3/8" Inlet
BF169-000
150mm Wall Mounted Water Outlet With 1/2" Inlet



BF170-000
Wall Mounted 90° Water Outlet With 3/8" Inlet (Tube)
BF171-000
Wall Mounted 90° Water Outlet With 1/2" Inlet (Tube)

SERVICE OUTLET

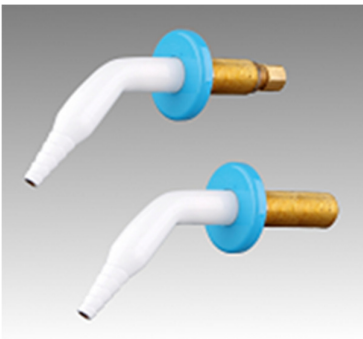


BF537-000
Bench Mounted Gas Outlet



BF562-000
Wall Mounted 135° Gas Outlet With 3/8" Inlet

BF563-000
Wall Mounted 135° Gas Outlet With 1/2" Inlet



BF572-000
Wall Mounted 135° Gas Outlet With 3/8" Inlet (Tube)

BF573-000
Wall Mounted 135° Gas Outlet With 1/2" Inlet (Tube)



BF594-000
Wall Mounted Straight Gas Outlet With 3/8" Inlet

BF595-000
Wall Mounted Straight Gas Outlet With 1/2" Inlet