



# laboratory tapware

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MODERN LAB FITTINGS  
QUALITY AND PRECISION  
ROBUST SCHOOL RANGE

- Commercial Laboratory Series
- School Laboratory Series

# commercial laboratory series

**Designed to meet the aesthetic and functional performance requirements of today's most demanding laboratories. Enware's commercial laboratory fittings are created from materials of the highest quality with proven endurance.**

## EXTENSIVE RANGE

Enware's range covers all services including deionised, demineralised pure water, hands-free tapware, back-flow prevention plus the deluge shower and eyewash safety products that are mandatory in any laboratory.

## SMART SOLUTIONS

Easy-clean, ComLab designs feature the practical benefits of simple operation, maximum control and proven long, serviceable life.

## SOLID & VERSATILE

Fittings are ideal for bench, bollard and fume cupboard use in wall, bench and pendant mounted configurations. Additional advantages are solid construction and vandal resistant features which make them also suitable for university laboratories.

## FAST & FLEXIBLE

Being an Australian manufacturer, Enware's lead times in providing your choice of materials and finishes are faster and more flexible. Products can be customised to meet specific project requirements.

## SAFE & EFFICIENT

Enware's laboratory tapware is WaterMark Licensed to AS/NZS3718 and supplied with a 5 star WELS rating standard with more flow rate options available; gas fittings are AGA Approved and our Emergency Showers and Eyewash equipment have been independently tested to ANSI Z358.1 and are compliant with AS4775.



Enware's manufacturing operates under quality assurance accreditation ISO9001



Enware Tapware is manufactured to the exacting WaterMark standard AS/NZS3718 and AS4020.



Gas Turrets have been subjected to an independent rigorous technical assessment and approval by the Australian Gas Association.

## comlab water fittings

**ENWARE'S COMLAB LABORATORY OUTLETS ARE SUPPLIED WITH A TAPERED TUBE NOZZLE AND ARE ASSEMBLED FOR EACH SPECIFIC MEDIA TYPE.**

ComLab handles are ergonomically designed for precise feel and finger tip control. Handles are colour coded for easy service identification and use complementary buttons.

- 1 O-ring surface protection seal
- 2 Ceramic disc (3/4 turn) or needle valve headworks
- 3 Tube nozzle with dual check valves for low hazard backflow prevention; aerator available
- 4 The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage
- 5 Ergonomic design for finger tip control, metal handle colour coded with button for media identification to DIN EN 13792
- 6 Isolation valve optional for easier service and maintenance
- 7 1/2" BSP male inlet tail; fixing kit includes backnut and anti-rotation pin
- 8 Swivel or fixed spouts; various sizes and shapes including customisation
- 9 1/2" BSP female inlet, optional male tail supplied loose for wall models; o-ring surface protection seal
- 10 Isolation valve, standard on wall mount fittings

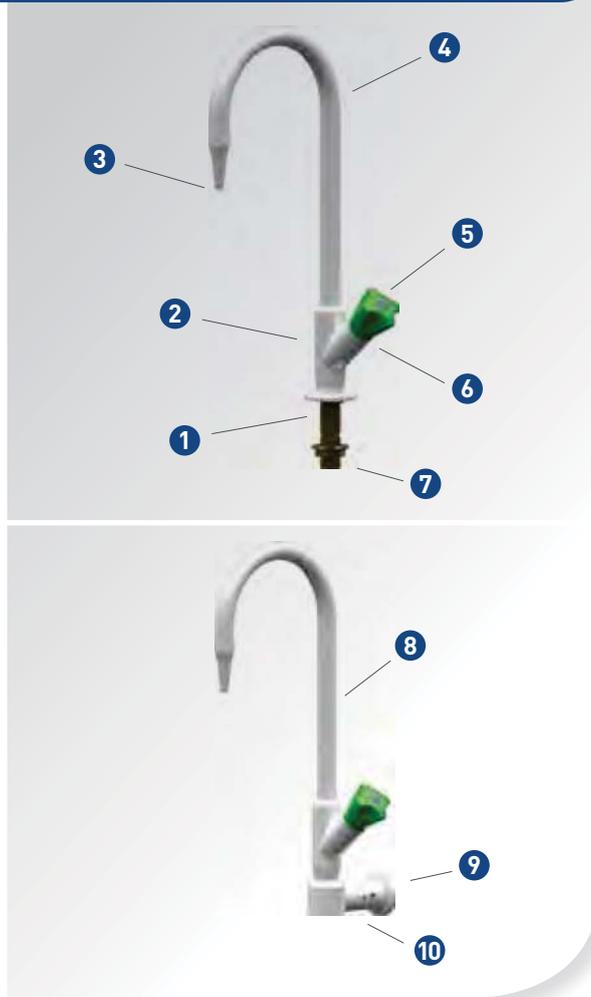
### key points

- WaterMark approved to AS/NZS 3718
- Specify media when ordering for colour coding and media identification — refer to DIN EN 13792 chart on Page 173
- Suits potable water (cold, warm, hot), chilled water. For RO and pure water please refer to 'Specialist Water Fittings' on Page 166 & 167
- WELS 5 Star (6.0lpm) water efficiency rating supplied standard. For alternative flow rates contact your Enware representative.

### technical information

Connection	1/2" BSP Male
Working Pressure Range — Ceramic Disc	20-700kPa (water); 500kPa Max*
Working Pressure Range — Needle Valve	10-700kPa (water); 500kPa Max*
Maximum Static Pressure	1000kPa
Maximum Working Temperature	90°C
Outlet Connection	Tube Nozzle supplied unless otherwise stated 3/8" BSP Female (without tube nozzle) other options available refer to Page 175
Water Options	Cold, Hot and Chilled Water <i>NOTE: Client to specify media type</i>

\*Enware products are to be installed in accordance with AS/NZS3500.



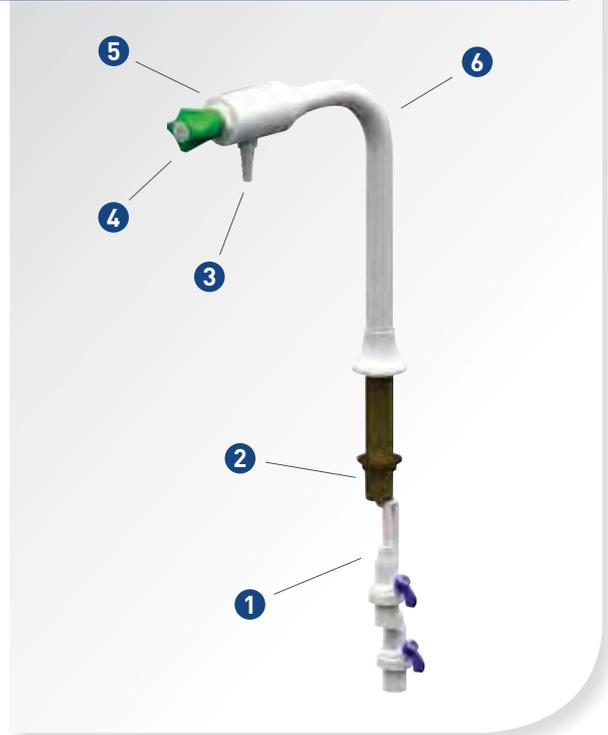
## comlab specialist water fittings — reverse osmosis fittings

**ENWARE'S COMLAB SPECIALIST WATER FITTINGS HAVE BEEN DEVELOPED PRIMARILY FOR PROTECTING WATER INTEGRITY FOR MAINTAINING MAXIMUM WATER PURITY. PURIFIED WATER IS AGGRESSIVE TOWARDS DZR BRASS USED IN ENWARE'S STANDARD RANGE OF WATER FITTINGS. COMLAB SPECIALIST WATER FITTINGS ARE MADE FROM MATERIALS SUITABLE FOR USE WITH SPECIAL WATER APPLICATIONS.**

Enware's Reverse Osmosis (RO) Water fittings are ideal for all pure water applications including distilled, demineralised or deionised water. The water is recirculating constantly up to the point of draw to ensure no dead leg within fittings.

All RO water fittings internal waterways incorporate inert materials, ensure water supply purity, which are protected by a durable powder coated brass external construction.

- 1 Polypropylene ball valves for easier service and maintenance
- 2 Acetal internal construction to ensure water purity
- 3 Tube nozzle
- 4 Ergonomic design for finger tip control; metal handle; colour coded with button for media identification to DIN EN 13792
- 5 Polypropylene ball valves for easier service and maintenance
- 6 Brass external construction with protective powder coated finish



### technical information

Connection	1/4" BSP Female at ball valve 3/4" BSP (Tail)
Minimum–Maximum Working Pressure (AS/NZS 3500)*	10-500kPa*
Maximum Static Pressure	1000kPa
Maximum Working Temperature	0-90°C
Outlet Connection	Tube Nozzle

\*Enware products are to be installed in accordance with AS/NZS3500.

## comlab specialist water fittings — stainless steel fittings

Enware's 316 stainless steel range is designed to suit deionised, demineralised, distilled and pure water applications.

The durable powder coat offers significant protection against corrosion, discolouration and surface damage.

- 1 Stainless steel frame construction with protective powder coated finish
- 2 1/2" BSP male inlet tail  
Fixing kit includes backnut and anti-rotation pin
- 3 Tube nozzle
- 4 Ergonomic design for finger tip control  
Metal handle  
Colour coded with button for media identification to DIN EN 13792



### technical information

Connection	1/2" BSP Male
Minimum–Maximum Working Pressure (AS/NZS 3500)*	10-500kPa*
Maximum Static Pressure	1000kPa
Maximum Working Temperature	90°C
Outlet Connection	Tube Nozzle

\*Enware products are to be installed in accordance with AS/NZS3500.

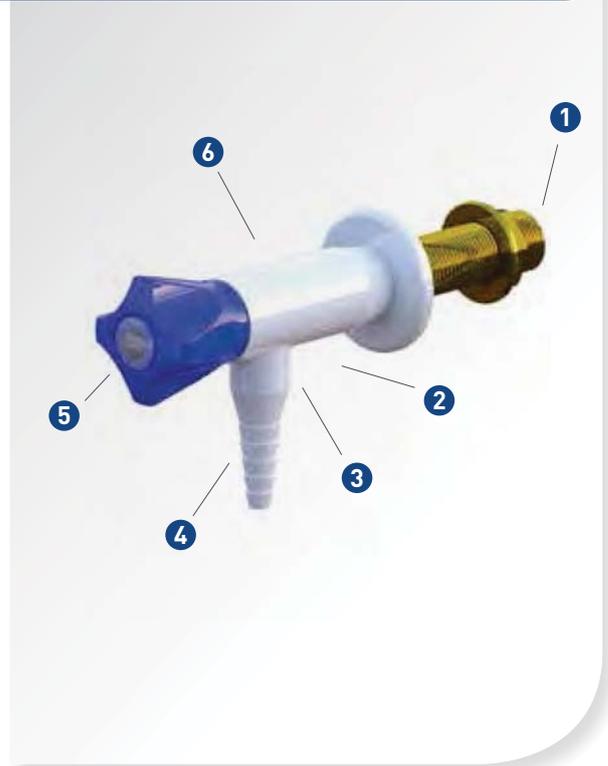
## comlab dry media fittings

**ENWARE'S COMLAB DRY MEDIA OUTLETS ARE SUPPLIED WITH A TAPERED TUBE NOZZLE AND ARE ASSEMBLED FOR EACH SPECIFIC MEDIA TYPE.**

The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage.

ComLab handles are ergonomically designed for precise feel and finger tip control. Handles are colour coded for easy service identification and use complimentary buttons.

- 1 1/2" BSP male inlet tail with 3/8" BSP female internal thread; fixing kit includes backnut and anti-rotation pin; o-ring surface protection seal
- 2 Isolation valve optional for easier service and maintenance
- 3 Teflon needle valve with stainless steel seat
- 4 Tube nozzle; 45° Tube nozzle is available
- 5 Ergonomic design for finger tip control; metal handle; colour coded with button for media identification to DIN EN 13792
- 6 The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage



### key points

- Suited for dry media up to technical gas level 2.0 (with isolation valve), 4.0 (without isolation valve) and higher upon request
- Specify media when ordering for colour coding and media identification — refer to DIN EN 13792 chart on Page 173
- For more options such as Quick Connections, Threaded Outlets or Swage Locks please contact your Enware representative.

### technical information

Connection	1/2" BSP Male; 3/8" BSP Female**
Minimum–Maximum Working Pressure (AS/NZS 3500)*	700kPa (Dry Media)
Maximum Static Pressure	1000kPa
Outlet Connection	Tube Nozzle; 3/8" BSP Female (without nozzle); other options available
Dry Media Options	Argon, Carbogen, Carbon Dioxide, Compressed Air, Helium, Hydrogen, Nitrogen, Nitrous Oxide, Oxygen, Vacuum. <i>NOTE: Client to specify media type</i>

\*Enware products are to be installed in accordance with AS/NZS3500.

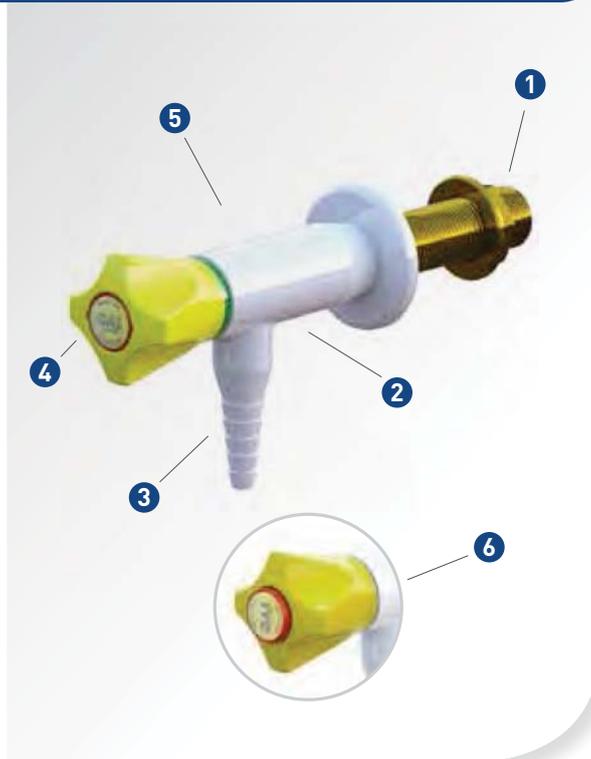
\*\*1/4" Female available — request when ordering.

## comlab burning gas fittings

**ENWARE'S COMLAB DRY MEDIA OUTLETS ARE SUPPLIED WITH A TAPERED TUBE NOZZLE AND ARE ASSEMBLED FOR EACH SPECIFIC MEDIA TYPE.**

Activation methods include a needle valve, for accurate adjustment or a push-to-turn valve with visual on/off indication. ComLab handles are ergonomically designed for precise feel and fingertip control. Handles are colour coded for easy service identification and use complimentary buttons.

- 1 1/2" BSP male inlet tail with 3/8" BSP female internal thread fixing kit includes backnut and anti-rotation pin; o-ring surface protection seal
- 2 Isolation valve optional for easier service and maintenance
- 3 Tube nozzle; 45° Tube nozzle is available
- 4 Push-to-Turn valve with visual on/off indication; metal handle; colour coded with button for media identification to DIN EN 13792
- 5 The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage
- 6 Push-to-Turn indicator in the "on" position



### key points

- AGA approved
- Suited for burning gases up to technical gas level 2.0
- Specify media when ordering for colour coding and media identification — refer to DIN EN 13792 chart on Page 173
- For more options such as Quick Connections, Threaded Outlets or Swage Locks please contact your Enware representative.

### technical information

Connection	1/2" BSP Male   3/8" BSP Female**
Maximum Working Pressure — Needle Valve*	7kPa (Burning Gases)
Maximum Working Pressure — Push-to-Turn*	7kPa (Burning Gases)
Outlet Connection	Tube Nozzle   3/8" BSP Female (without nozzle   Other options available)
Burning Gas Options	Acetylene, Ethylene, Methane, Natural Gas, LPG, Propylene <i>NOTE: Client to specify media type</i>

\*Enware products are to be installed in accordance with AS/NZS3500.

\*\*1/4" Female available — request when ordering.

## comlab fume cupboard fittings

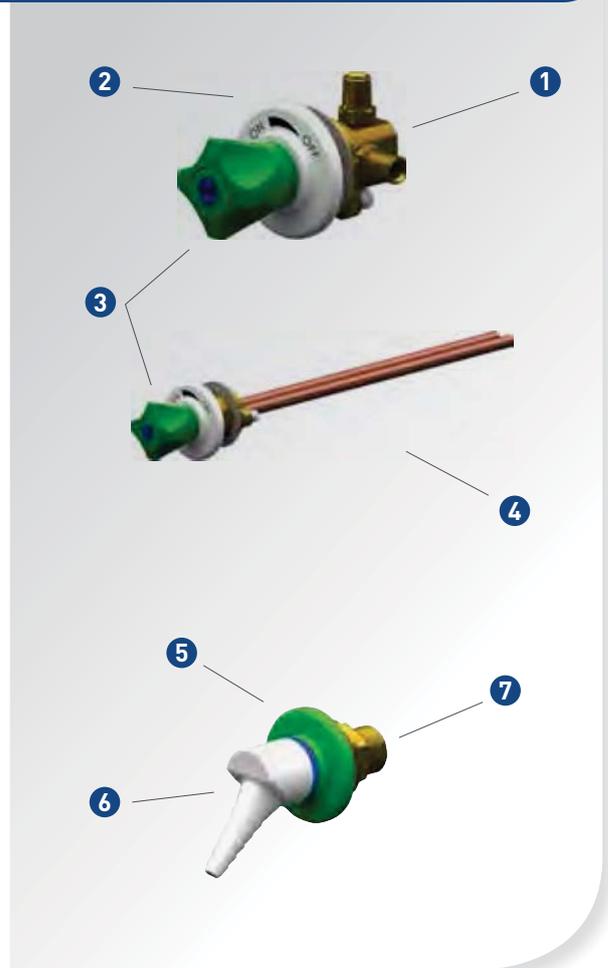
**ENWARE'S COMLAB FUME CUPBOARD FITTINGS ARE AVAILABLE IN A WIDE RANGE OF CONNECTION TYPES. COMPLIMENTARY OUTLETS AND HOSES ARE AVAILABLE FOR A COMPLETE INSTALLATION SOLUTION.**

The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage.

ComLab handles are ergonomically designed for precise feel and finger tip control. Handles are colour coded for easy service identification and use complimentary buttons.

Outlets are also colour coded for easier identification with media type.

- 1 LCN152 Models have connection options:
  - 1/8" BSP Female
  - 1/4" BSP Male
  - Quick Connect
- 2 The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage
- 3 Ergonomic design for finger tip control; metal handle; colour coded with button for media identification to DIN EN 1379  
Headwork options:
  - Ceramic disc (water only)
  - Needle Valve (water, dry media and burning gas)
  - Push-to-Turn (burning gas only)
- 4 LCN150 Models have connection options:
  - Copper tail
  - Copper tail with 1/4" BSP Male
  - Quick Connect
- 5 The durable powder coat finish gives significant protection against corrosion, discolouration and surface damage
- 6 Tube nozzle
- 7 Colour coded identification on outlets for visual matching to media control; back plate is zone 1, middle ring is zone 2 and front ring is zone 3



### key points

- WaterMark approved to AS/NZS 3718
- Ceramic disc suits potable water (refer to Page 4)
- Needle valve suited for dry media (refer to Page 9)
- Push-to-turn suited for burning gases (refer to Page 11)
- Specify media when ordering for colour coding and media identification — refer to DIN EN 13792 chart on Page 18
- For specialist water fittings for fume cupboards please contact your Enware representative.
- AGA Approved

## technical information

Maximum Working Pressure — Needle Valve	700kPa*
Maximum Working Pressure — Ceramic Disc	500kPa
Maximum Working Pressure — Push-to-Turn Valve	7kPa (burning gases)
Outlet Connection	Tube Nozzle   3/8" BSP Female (without nozzle) Other options available

\*Enware products are to be installed in accordance with AS/NZS3500.

### CONTROLS

Enware's ComLab range of front panel valves are available in a wide range of connection types. Each handle and button is colour coded to match media type and outlets are also paired in colour identification. Media types are to be specified when ordering.

For customised solutions please contact your Enware representative.

#### CERAMIC DISC

For water only applications.



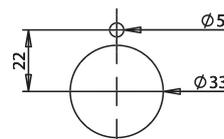
#### NEEDLE VALVE

Suits water, dry media and burning gas media.



#### PUSH-TO-TURN

Suits burning gases only.



INSTALLATION DETAIL  
PLEASE CHECK LOCKING PIN



## outlet options

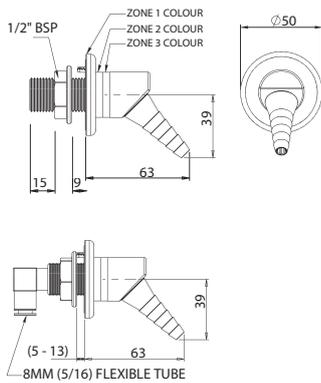
### 45° FUME CUPBOARD OUTLET

Order Code:

**LCN160** - 1/2"MI - 3/8"FI — Specify media

**LCN160Q** - Quick Connect - Specify media

*Specify media when ordering.*



### 90° FUME CUPBOARD OUTLET

Order Code:

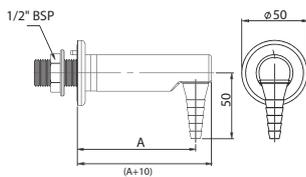
**LCN161S** - A. 55mm - Specify media

**LCN161** - A. 90mm - Specify media

**LCN166** - A. 155mm - Specify media

*Also available with quick connect inlet.*

*Specify media when ordering.*



### GOOSENECK SWIVEL SPOUT — BENCH MOUNTED

Order Code:

**LCN162** - A. 150mm B. 105mm C. 260mm

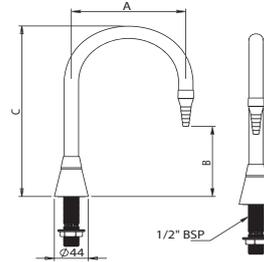
**LCN163** - A. 150mm B. 190mm C. 345mm

**LCN164** - A. 200mm B. 265mm C. 90mm

*Fixed spout available - specify when ordering. Note overall height of spout will be approximately 30mm less.*

*1/2" MI Standard. For Quick Connect request when ordering.*

*For water only.*



### GOOSENECK SWIVEL SPOUT — WALL MOUNTED

Order Code:

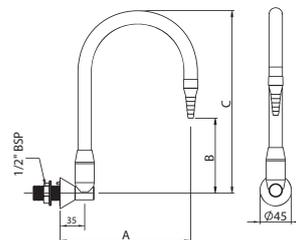
**LCN162W** - A. 185mm B. 105mm C. 260mm

**LCN163W** - A. 185mm B. 190mm C. 345mm

*Fixed spout available — specify when ordering. Note overall height of spout will be approximately 30mm less.*

*1/2" MI Standard. For Quick Connect request when ordering.*

*For water only.*



## colour coded identification chart

Colour coding for media identification on handles, buttons and outlets follow the recommendations of DIN EN 13792. Tough, corrosion-resistant, coloured powder-coating makes the range suitable for the harshest laboratory environment. Specify the media type when ordering for correct colour identification and lubricant.

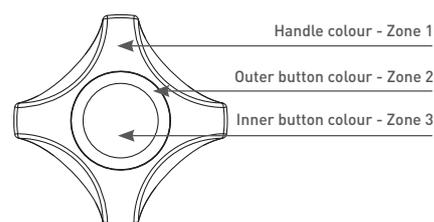
### DIN EN 13792 RECOMMENDATIONS

MEDIA	COLOUR	ZONE 1	ZONE 2	ZONE 3	TEXT SYMBOL
COLD WATER		GREEN	GREEN	BLUE	
HOT WATER		GREEN	GREEN	RED	
DEMINERALISED WATER		GREEN	GREY	BLUE	
STEAM*		GREEN	RED	RED	
PROPANE		YELLOW	BLUE	RED	
BUTANE		YELLOW	BLUE	BLUE	
LPG		YELLOW	RED	YELLOW	
METHANE		YELLOW	BLUE	YELLOW	
ETHENE		YELLOW	BLACK	GREEN	
PROPENE		YELLOW	BLACK	RED	
ACETYLENE		YELLOW	WHITE	GREEN	
NATURAL GAS		YELLOW	YELLOW	YELLOW	
HYDROGEN		RED	RED	RED	
NITROGEN		BLUE	GREEN	GREEN	
NITROUS OXIDE		BLUE	GREEN	BLUE	
COMPRESSED AIR		BLUE	BLUE	YELLOW	
OXYGEN		BLUE	BLUE	BLUE	
CARBON DIOXIDE		BLUE	BLUE	BLACK	
CARBOGEN (CO <sup>2</sup> + O <sup>2</sup> )		BLUE	BLACK	BLUE	
ARGON		BLUE	GREY	GREY	
HELIUM		BLUE	GREY	WHITE	
VACUUM		GREY	GREY	GREY	

\*Special Handle And Valving For Steam Fittings.

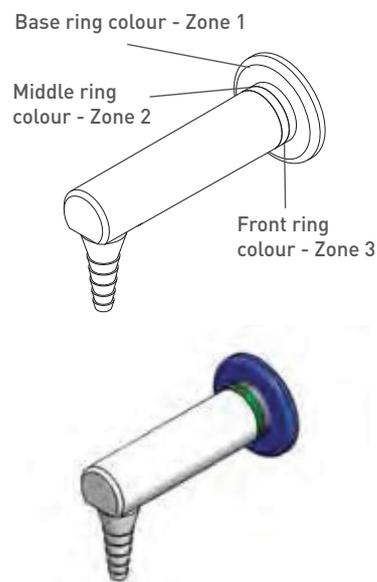
### HANDLE COLOUR - ZONES

Enware's ComLab handle has been designed for precise feel and finger tip control. The handle is colour powder coated to match Zone 1 of the media type.



### FUME CUPBOARD OUTLET COLOUR - ZONES

Outlet identification for fume cupboard outlets are created using rings as illustrated. The larger base ring represents Zone 1.



All fittings have standard 1/2" BSP tail or female inlet. The male tails are bevelled to facilitate media supply connection including flexible hoses. Bases are complete with O-ring seal to protect the bench surface. Bases also have an anti-rotation device. Coloured indicator rings are available. Colour options are: Green, Yellow, Blue, Red or Grey.

## technical information

### FINISHES

Enware's commercial fittings are professionally finished in an advanced powder-coat. The durable finish provides maximum resistance against corrosion, discolouration and other surface damage.

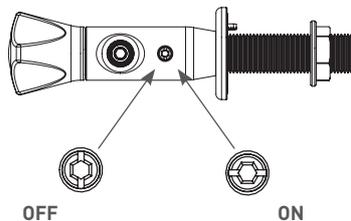
Colour Coded Handles and Buttons are to DIN EN 13792 recommendations, and text-symbols are incorporated.

For complete colour coding information please refer to the chart on Page 173.

Chrome plating and alternate powder coat finishes are available.

### INTEGRAL SERVICE VALVE OPTIONS

Enware's ComLab range includes an option for an integrated isolation valve for easier insitu servicing or flow control of equipment when required. The isolation valves can be used with an allen key or flat head screw driver.



### VALVING/HEADWORKS OPTIONS

#### CERAMIC DISC

The latest 3/4 turn (270°) ceramic disc technology is used, providing the benefits of finer adjustment operator control.

For water applications only.

#### NEEDLE VALVE

The non-rising needle valve incorporates a replaceable Teflon needle and 316 stainless steel seat to provide accurate control with optimum serviceable life.

#### PUSH-TO-TURN VALVE

Pushing the handle with an easy quarter turn (90°) rotation operates this valve.

The push-to-turn sba works in unison with the handle to create a visual indication of when burning gas valve is on or off.

*Note: AS/NZS 3500 states a maximum working pressure of 500kPa at outlet points.*



### LUBRICATING GREASE

All headworks for water and dry media are supplied with recommended authorised lubricating greases — in accordance with both Australian and DIN standards.

For specific details please refer to the Table of Lubricants Used.

The correct lubricants will ensure reliable operation and long service. For tapware and gas controls, the lubricant must meet the following primary requirements:

- Resistant to ambient media, eg: flammable gases/fluids
- Sealing and securing
- Neutrality towards materials, i.e: metals and elastomers
- Should not contaminate the relevant media.

#### Warning: for Oxygen related media

Valves for Oxygen, Carbogen and Nitrous Oxide must be ordered specifically for these services to ensure that lubricants and 'o' rings are compatible with the service being controlled. It is potentially dangerous to interchange handles and headworks.

### LIST OF LUBRICANTS USED

MEDIA	NEEDLE VALVE HEADWORK	GREASE
1. Water	Viton "O" Ring	Hydroseal Food Pro
2. Vacuum	Viton "O" Ring	Barrierta L55/3HV
3. Compressed Air	Viton "O" Ring	Nontrop 2B91DIN
4. Oxygen	Viton "O" Ring	Oxigenoex FF250
5. LPG/Propane/Butane	Viton "O" Ring	Nontrop 2B91DIN
6. Acetylene	Viton "O" Ring	Nontrop 2B91DIN
7. Hydrogen	Viton "O" Ring	Nontrop 2B91DIN
8. Nitrogen	Viton "O" Ring	Nontrop 2B91DIN
9. Carbon dioxide	Viton "O" Ring	Nontrop 2B91DIN
10. Argon	Viton "O" Ring	Nontrop 2B91DIN
11. Helium	Viton "O" Ring	Nontrop 2B91DIN
12. Methane	Viton "O" Ring	Nontrop 2B91DIN
13. Ethylene	Viton "O" Ring	Nontrop 2B91DIN
14. Propene	Viton "O" Ring	Nontrop 2B91DIN
15. Natural Gas	Viton "O" Ring	Nontrop 2B91DIN
16. Steam*	Viton "O" Ring	Staburags NBU30
17. Nitrous Oxide	Viton "O" Ring	Oxigenoex FF250
18. Carbogen	Viton "O" Ring	Oxigenoex FF250

\*Special handle and valving for steam fittings

## options

### TUBE NOZZLE

Order Code:

**LCN170** - Water Only (Includes Dual Check Valve)

**LCN171** - Dry Media and Burning Gas

**LCN187** - Dual check to suit LCN170 (Water Only)

**LCN190** - 8lpm pressure compensating flow control to suit LCN170 (water only)



### AERATOR

Order Code:

**LCN172**



### 45° TUBE NOZZLE OPTION

**Special Order** — Request when ordering product.



## CUSTOM SPOUTS

Enware can customise spouts to suit your specifications.

Provide the following information when ordering:

1. Shape of spout
2. Wall or Hob Mounted
3. Swivel or Fixed
4. Desired dimensions for

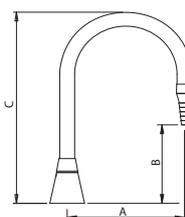
A: = .....mm\*

B: = .....mm

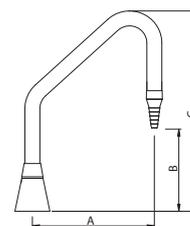
C: = .....mm

*Note: Spouts shown in brochure are curved.  
Square or angular shapes are also available.  
\*For Goose Neck (Curved) spout A must be 100, 150 or 200mm.  
For variations use Angular or Square shape.*

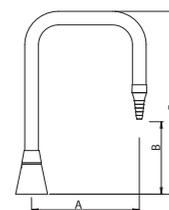
**GOOSE NECK (CURVED)**



**ANGULAR**



**SQUARE**



### RELATED PRODUCTS

Lever Action Tapware — Page 93  
 Electronic Touch Button and Sensor Tapware — Page 239  
 Knee Operated and Foot Operated Tapware — Page 159  
 Emergency Showers and Eyewash Equipment — Page 291

### Type 38 1 Way Gas Turret

LC123

Standard



### Push Turn Type 38 1 Way Gas Turret

LC123PT

Push Turn



### Type 39 2 Way 180 Degree Gas Turret

LC124

Standard



### Push Turn Type 39 2 Way 180 Degree Gas Turret

LC124PT

Push Turn



### Type 40 2 Way 90 Degree Gas Turret

LC125

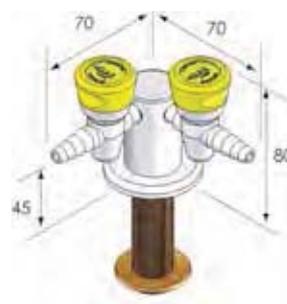
Standard



### Push Turn Type 40 2 Way 90 Degree Gas Turret

LC125PT

Push Turn



**Type 42 4 Way Gas Turret**

LC127

Standard



**Push Turn Type 42 4 Way Gas Turret**

LC127PT

Push Turn



**Dual Mixer Swivel Outlet**

LC130

Standard



**Colour Coded Indicator Ring**

LC180

Specify colour when ordering



**Button Replacement — LC (Old Style — Pre 2012)**

LC181

Hot/Cold

LC182

Dry Media



**3/4 Turn Ceramic Disc Stuffing Box Assembly — LC (Old Style — Pre 2012)**

LC183



**Needle Valve Stuffing Box Assembly  
— LC (Old Style — Pre 2012)**

LC184



**Needle Valve Stuffing Box Assembly Nitrile  
(Old Style — Pre 2012)**

LC185



**Standard Base Colour Coded**

LC186 Specify colour when ordering



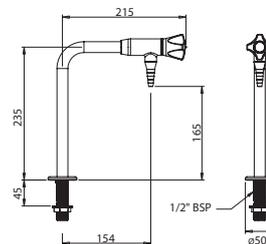
**1/4" X 1/2" F&F Connectors X 1 Metre Flexible Hose**

LC188 Gas  
LC189 Water



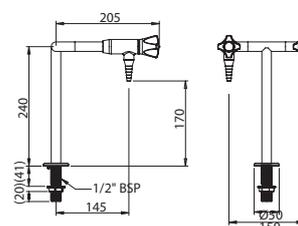
**ComLab Right Angle Bench Mounted Laboratory Tap**

LCN101 Ceramic Disc — Water Only  
LCN101I Ceramic Disc with Isolation Valve — Water Only  
LCN101N Needle Valve — Water Only  
LCN101NI Needle Valve with Isolation Valve — Water Only



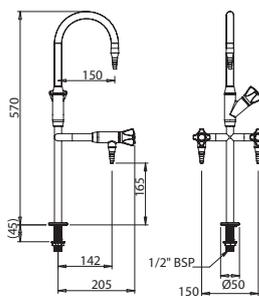
**ComLab 2 Way Right Angle Bench Mounted Laboratory Tap**

LCN102 Ceramic Disc — Water Only  
LCN102I Ceramic Disc with Isolation Valve — Water Only  
LCN102N Needle Valve — Water Only  
LCN102NI Needle Valve with Isolation Valve — Water Only



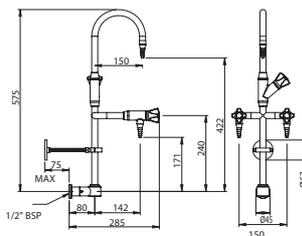
**ComLab 3 Way Bench Mounted Laboratory Tap with 2 Fixed and 1 Swivel Gooseneck Outlet**

- LCN103 Ceramic Disc — Water Only
- LCN103I Ceramic Disc with Isolation Valve — Water Only
- LCN103N Needle Valve — Water Only
- LCN103NI Needle Valve with Isolation Valve — Water Only



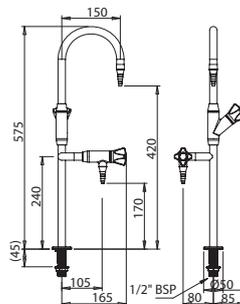
**ComLab 3 Way Wall Mounted Laboratory Tap with 2 Fixed and 1 Swivel Gooseneck Outlet**

- LCN103W Ceramic Disc — Water Only
- LCN103WI Ceramic Disc with Isolation Valve — Water Only
- LCN103WN Needle Valve — Water Only
- LCN103WNI Needle Valve with Isolation Valve — Water Only



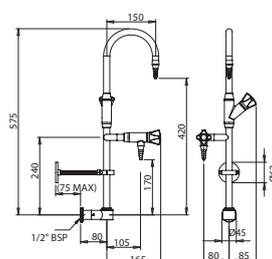
**ComLab 2 Way Bench Mounted Laboratory Tap with 1 Fixed and 1 Swivel Gooseneck Outlet**

- LCN104 Ceramic Disc — Water Only
- LCN104I Ceramic Disc with Isolation Valve — Water Only
- LCN104N Needle Valve — Water Only
- LCN104NI Needle Valve with Isolation Valve — Water Only



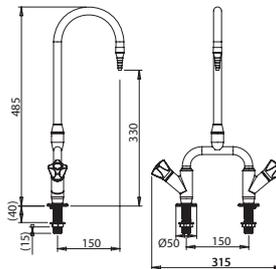
**ComLab 2 Way Wall Mounted Laboratory Tap with 1 Fixed and 1 Swivel Gooseneck Outlet**

- LCN104W Ceramic Disc — Water Only
- LCN104WI Ceramic Disc with Isolation Valve — Water Only
- LCN104WN Needle Valve — Water Only
- LCN104WNI Needle Valve with Isolation Valve — Water Only



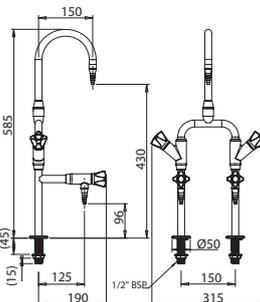
**ComLab Bench Mounted Laboratory Mixing Set with Swivel Gooseneck Outlet**

- LCN107 Ceramic Disc — Water Only
- LCN107I Ceramic Disc with Isolation Valve — Water Only
- LCN107N Needle Valve — Water Only
- LCN107NI Needle Valve with Isolation Valve — Water Only



**ComLab 3 Way Bench Mounted Laboratory Mixing Set with Swivel Spout and 2 Fixed Bib Taps (H+C)**

- LCN108 Ceramic Disc — Water Only
- LCN108I Ceramic Disc with Isolation Valve — Water Only
- LCN108N Needle Valve — Water Only
- LCN108NI Needle Valve with Isolation Valve — Water Only

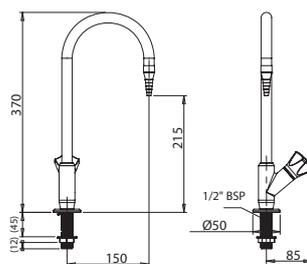


E

Commercial Laboratory tapware

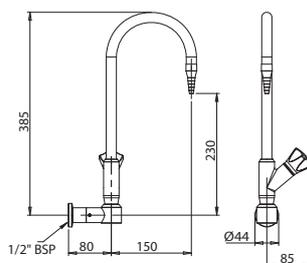
### ComLab Bench Mounted Laboratory Tap with Fixed Gooseneck Outlet

LCN109	Ceramic Disc — Water Only
LCN109I	Ceramic Disc with Isolation Valve — Water Only
LCN109N	Needle Valve — Water Only
LCN109NI	Needle Valve with Isolation Valve — Water Only



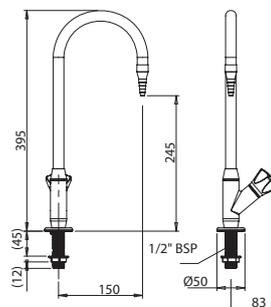
### ComLab Wall Mounted Laboratory Tap with Fixed Gooseneck Outlet

LCN109W	Ceramic Disc — Water Only
LCN109WN	Needle Valve — Water Only



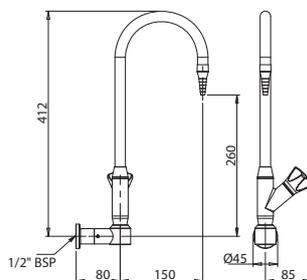
### ComLab Bench Mounted Laboratory Tap with Swivel Gooseneck Outlet

LCN110	Ceramic Disc — Water Only
LCN110I	Ceramic Disc with Isolation Valve — Water Only
LCN110N	Needle Valve — Water Only
LCN110NI	Needle Valve with Isolation Valve — Water Only



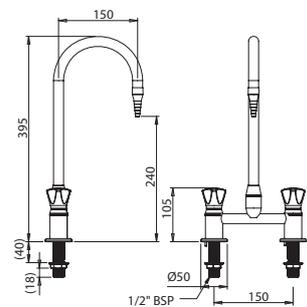
### ComLab Wall Mounted Laboratory Tap with Swivel Gooseneck Outlet

LCN110W	Ceramic Disc — Water Only
LCN110WN	Needle Valve — Water Only



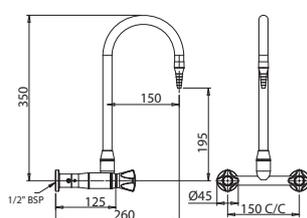
### ComLab Bench Mounted Laboratory Mixing Set with Swivel Gooseneck Outlet

LCN113	Ceramic Disc — Water Only
LCN113L	Lever Handle 150mm Ceramic Disc — Water Only
LCN113N	Needle Valve — Water Only



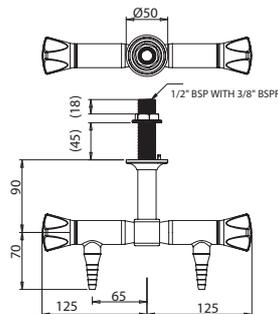
### ComLab Wall Mounted Laboratory Mixing Set with Swivel Gooseneck Outlet

LCN113W	Ceramic Disc — Water Only
LCN113WN	Needle Valve — Water Only



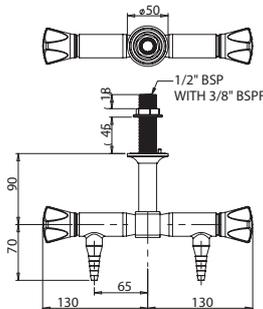
**ComLab 2 Way Pendant Laboratory Tap  
— Ceramic Disc (Water Only)**

LCN119 Specify media type when ordering



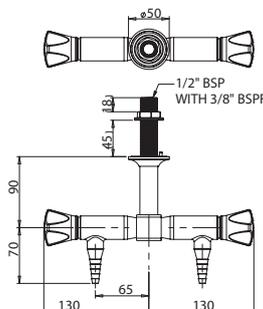
**ComLab 2 Way Pendant Laboratory Tap  
— Push to Turn Indicator Handle**

LCN119B Suits Burning Gas only – specify media type when ordering



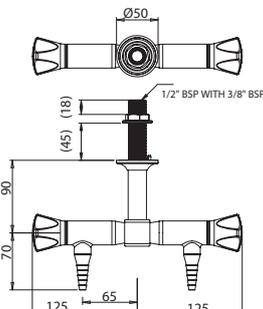
**ComLab 2 Way Pendant Laboratory Tap with Isolation Valve  
— Push to Turn Indicator Handle**

LCN119BI Suits Burning Gas only – specify media type when ordering



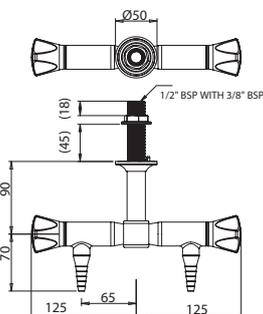
**ComLab 2 Way Pendant Laboratory Tap with Isolation Valve  
— Ceramic Disc (Water Only)**

LCN119I Specify media type when ordering



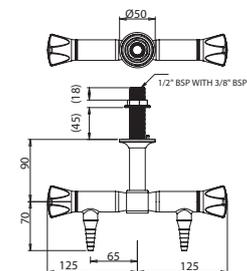
**ComLab 2 Way Pendant Laboratory Tap — Needle Valve**

LCN119N Specify media type when ordering



**ComLab 2 Way Pendant Laboratory Tap with Isolation Valve  
— Needle Valve**

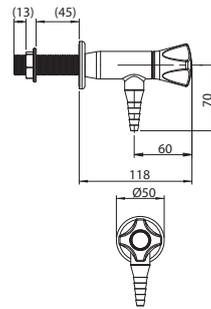
LCN119NI Specify media type when ordering



**ComLab Right Angle Wall Mounted Laboratory Tap – Ceramic Disc (Water Only)**

LCN140W

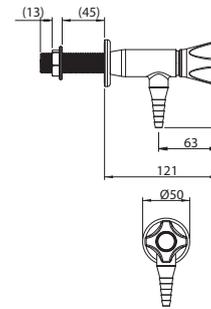
Specify media type when ordering



**ComLab Right Angle Wall Mounted Laboratory Tap – Push to Turn Indicator Handle**

LCN140WB

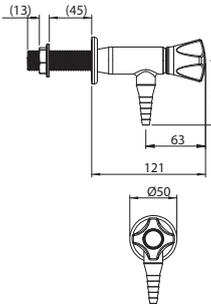
Suits Burning Gas only – specify media type when ordering



**ComLab Right Angle Wall Mounted Laboratory Tap with Isolation Valve – Push to Turn Indicator Handle**

LCN140WBI

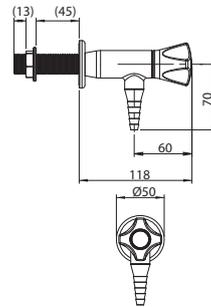
Suits Burning Gas only – specify media type when ordering



**ComLab Right Angle Wall Mounted Laboratory Tap with Isolation Valve – Ceramic Disc (Water Only)**

LCN140WI

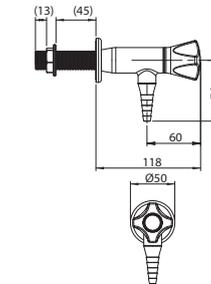
Specify media type when ordering



**ComLab Right Angle Wall Mounted Laboratory Tap – Needle Valve**

LCN140WN

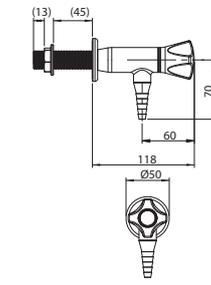
Specify media type when ordering



**ComLab Right Angle Wall Mounted Laboratory Tap with Isolation Valve – Needle Valve**

LCN140WNI

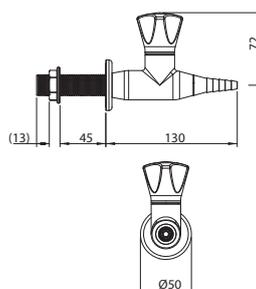
Specify media type when ordering



**ComLab Straight Wall Mounted Laboratory Tap – Ceramic Disc (Water Only)**

LCN142W

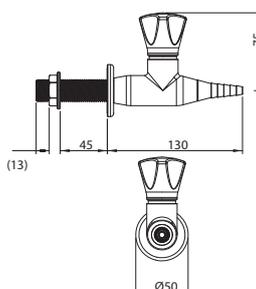
Specify media type when ordering



**ComLab Straight Wall Mounted Laboratory Tap – Push to Turn Indicator Handle**

LCN142WB

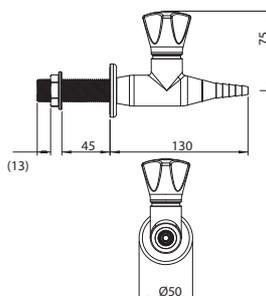
Suits Burning Gas only – specify media type when ordering



**ComLab Straight Wall Mounted Laboratory Tap with Isolation Valve – Push to Turn Indicator Handle**

LCN142WBI

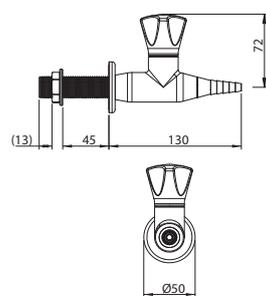
Suits Burning Gas only – specify media type when ordering



**ComLab Straight Wall Mounted Laboratory Tap with Isolation Valve – Ceramic Disc (Water Only)**

LCN142WI

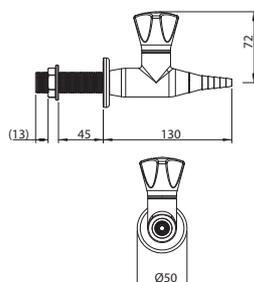
Specify media type when ordering



**ComLab Straight Wall Mounted Laboratory Tap – Needle Valve**

LCN142WN

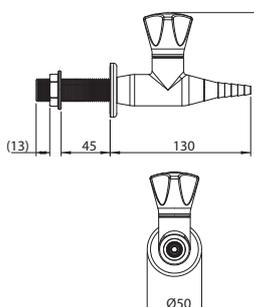
Specify media type when ordering



**ComLab Straight Wall Mounted Laboratory Tap with Isolation Valve – Needle Valve**

LCN142WNI

Specify media type when ordering



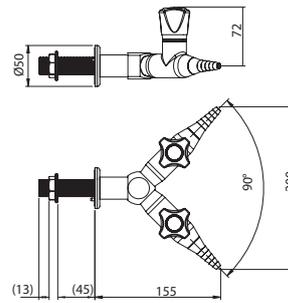
E

Commercial Laboratory tapware

**ComLab Two Way Straight 90 Degree Wall Mounted Laboratory Tap – Ceramic Disc (Water Only)**

LCN143W

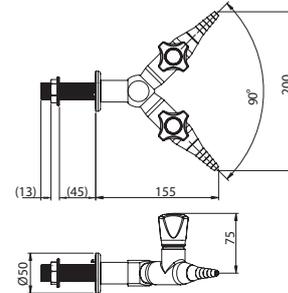
Specify media type when ordering



**ComLab Two Way Straight 90 Degree Wall Mounted Laboratory Tap – Push to Turn Indicator Handle**

LCN143WB

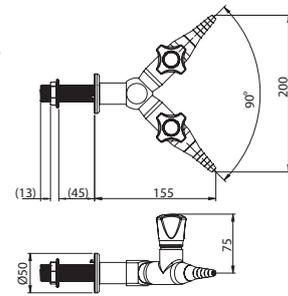
Suits Burning Gas only – specify media type when ordering



**ComLab 2-Way 90 Degree Wall Mounted Laboratory Tap w/Isolation Valve – Push to Turn Indicator Handle**

LCN143WBI

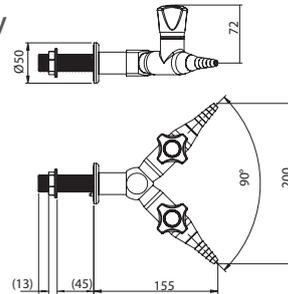
Suits Burning Gas only – specify media type when ordering



**ComLab Two Way 90 Degree Wall Mounted Laboratory Tap w/Isolation Valve – Ceramic Disc (Water Only)**

LCN143WI

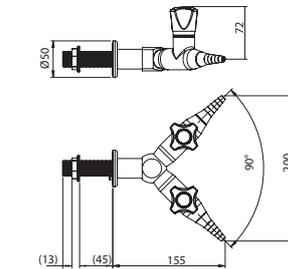
Specify media type when ordering



**ComLab Two Way Straight 90 Degree Wall Mounted Laboratory Tap – Needle Valve**

LCN143WN

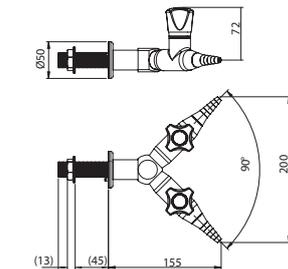
Specify media type when ordering



**ComLab Two Way Straight 90 Degree Wall Mounted Laboratory Tap with Isolation Valve – Needle Valve**

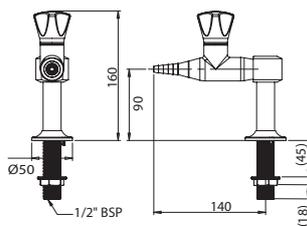
LCN143WNI

Specify media type when ordering



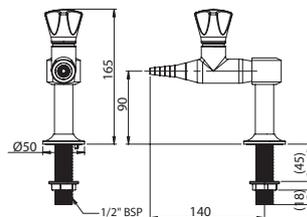
**ComLab One Way Bench Mounted Laboratory Tap — Ceramic Disc (Water Only)**

LCN145 Specify media type when ordering



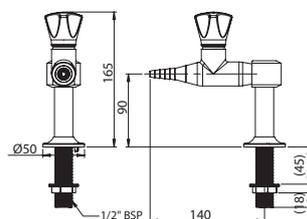
**ComLab One Way Bench Mounted Laboratory Tap — Push to Turn Indicator Handle**

LCN145B Suits Burning Gas only – specify media type when ordering



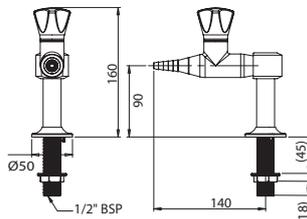
**ComLab One Way Bench Mounted Laboratory Tap with Isolation Valve — Push to Turn Indicator Handle**

LCN145BI Suits Burning Gas only – specify media type when ordering



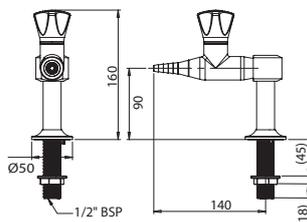
**ComLab One Way Bench Mounted Laboratory Tap with Isolation Valve — Ceramic Disc (Water Only)**

LCN145I Specify media type when ordering



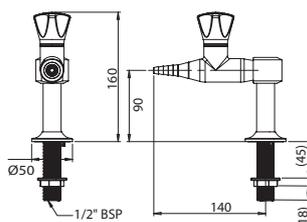
**ComLab One Way Bench Mounted Laboratory Tap — Needle Valve**

LCN145N Specify media type when ordering



**ComLab One Way Bench Mounted Laboratory Tap with Isolation Valve — Needle Valve**

LCN145NI Specify media type when ordering



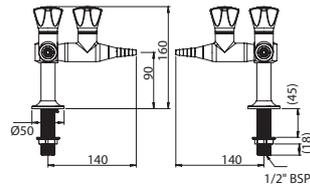
E

Commercial Laboratory tapware

**ComLab Two Way 90 Degree Bench Mounted Laboratory Tap – Ceramic Disc (Water Only)**

LCN146

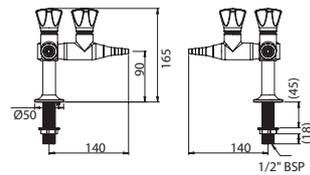
Specify media type when ordering



**ComLab Two Way 90 Degree Bench Mounted Laboratory Tap – Push to Turn Indicator Handle**

LCN146B

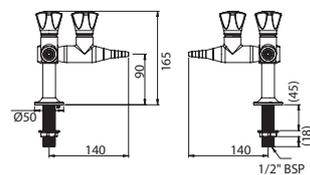
Suits Burning Gas only – specify media type when ordering



**ComLab Two Way 90 Degree Bench Mounted Lab Tap w/ Isolation Valve – Push to Turn Indicator Handle**

LCN146BI

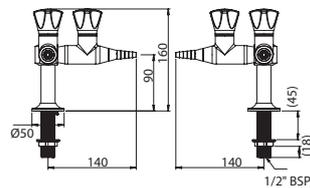
Suits Burning Gas only – specify media type when ordering



**ComLab Two Way 90 Degree Bench Mounted Lab Tap with Isolation Valve – Ceramic Disc (Water Only)**

LCN146I

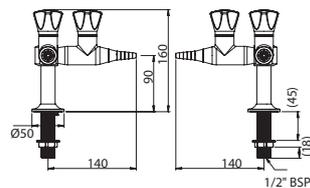
Specify media type when ordering



**ComLab Two Way 90 Degree Bench Mounted Laboratory Tap – Needle Valve**

LCN146N

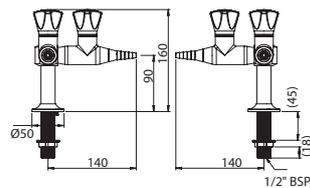
Specify media type when ordering



**ComLab Two Way 90 Degree Bench Mounted Laboratory Tap with Isolation Valve – Needle Valve**

LCN146NI

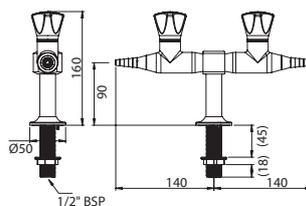
Specify media type when ordering



**ComLab Two Way 180 Degree Bench Mounted Laboratory Tap – Ceramic Disc (Water Only)**

LCN147

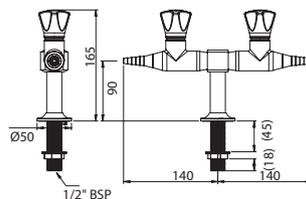
Specify media type when ordering



**ComLab Two Way 180 Degree Bench Mounted Laboratory Tap – Push to Turn Indicator Handle**

LCN147B

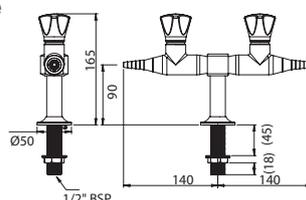
Suits Burning Gas only – specify media type when ordering



**ComLab Two Way 180 Degree Bench Mounted Lab Tap w/Isolation Valve – Push to Turn Indicator Handle**

LCN147BI

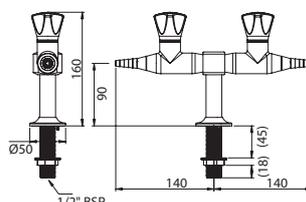
Suits Burning Gas only – specify media type when ordering



**ComLab Two Way 180 Degree Bench Mounted Laboratory Tap w/Isolation Valve-Ceramic Disc (Water Only)**

LCN147I

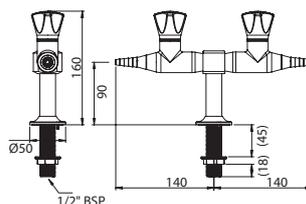
Specify media type when ordering



**ComLab Two Way 180 Degree Bench Mounted Laboratory Tap – Needle Valve**

LCN147N

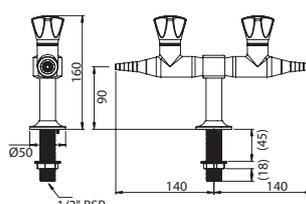
Specify media type when ordering



**ComLab Two Way 180 Degree Bench Mounted Laboratory Tap with Isolation Valve – Needle Valve**

LCN147NI

Specify media type when ordering



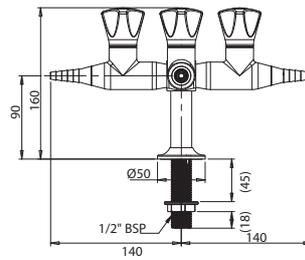
E

Commercial Laboratory tapware

**ComLab 4 Way Bench Mounted Laboratory Tap  
— Ceramic Disc (Water Only)**

LCN148

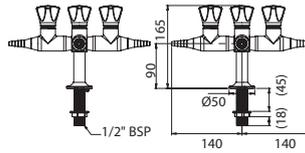
Specify media type when ordering



**ComLab 4 Way Bench Mounted Laboratory Tap  
— Push to Turn Indicator Handle**

LCN148B

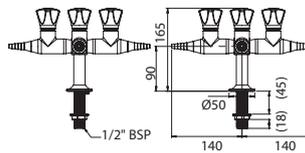
Suits Burning Gas only – specify media type when ordering



**ComLab 4 Way Bench Mounted Laboratory Tap  
with Isolation Valve — Push to Turn Indicator Handle**

LCN148BI

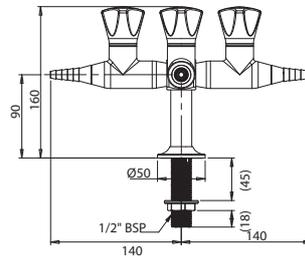
Suits Burning Gas only – specify media type when ordering



**ComLab 4 Way Bench Mounted Laboratory Tap  
with Isolation Valve — Ceramic Disc (Water Only)**

LCN148I

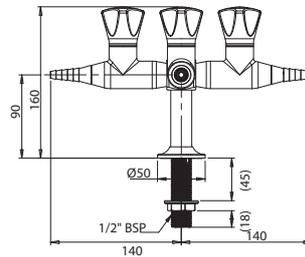
Specify media type when ordering



**ComLab 4 Way Bench Mounted Laboratory Tap  
— Needle Valve**

LCN148N

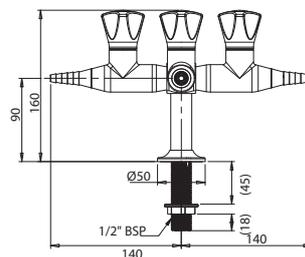
Specify media type when ordering



**ComLab 4 Way Bench Mounted Laboratory Tap  
with Isolation Valve — Needle Valve**

LCN148NI

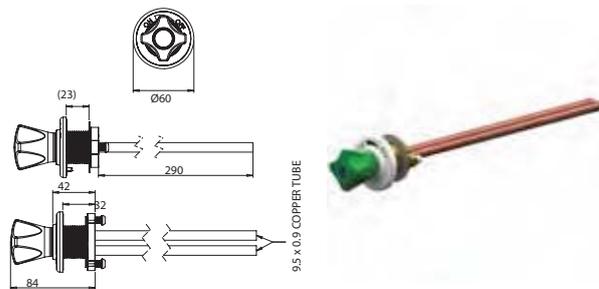
Specify media type when ordering



**ComLab FPV with Copper Tails – Ceramic Disc (Water Only)**

LCN150

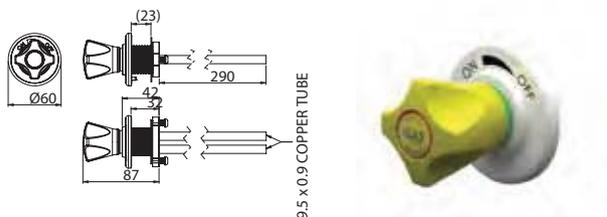
Specify media type when ordering



**ComLab FPV with Copper Tails – Push To Turn (Burning Gas Only)**

LCN150B

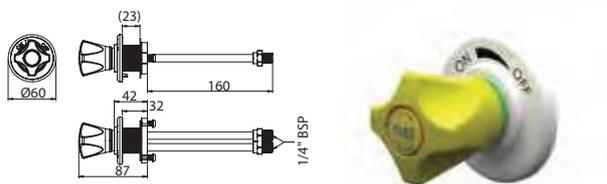
Suits Burning Gas only – specify media type when ordering



**ComLab FPV with Tails and 1/4" BSP MI – Push To Turn (Burning Gas Only)**

LCN150BM

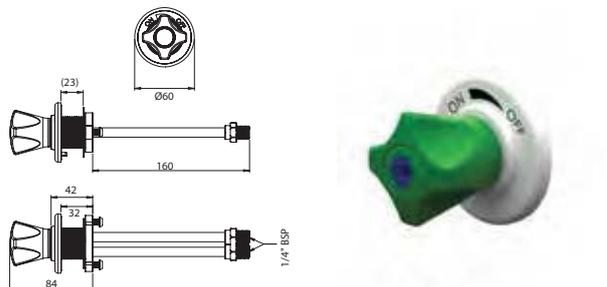
Suits Burning Gas only – specify media type when ordering



**ComLab FPV with Tails and 1/4" BSP MI – Ceramic Disc (Water Only)**

LCN150M

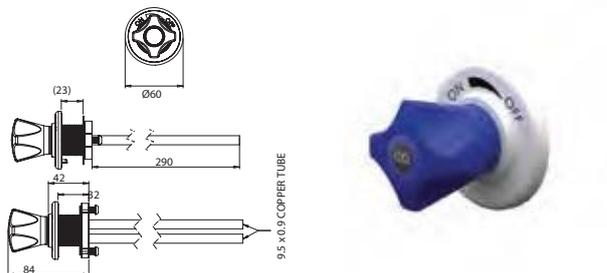
Specify media type when ordering



**ComLab FPV with Copper Tails – Needle Valve**

LCN150N

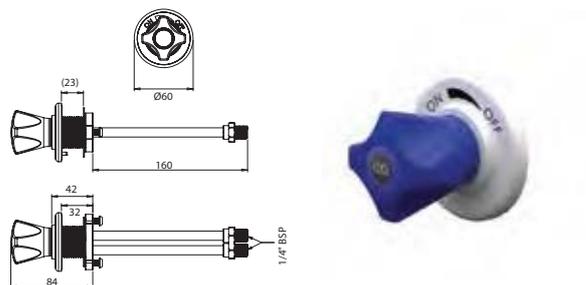
Specify media type when ordering



**ComLab FPV with Tails and 1/4" BSP MI – Needle Valve**

LCN150NM

Specify media type when ordering



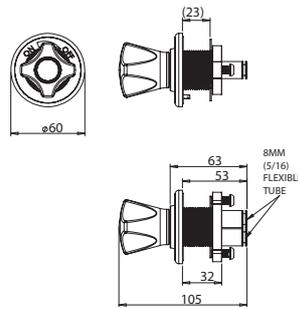
E

Commercial Laboratory tapware

**ComLab FPV with Quick Connections — Needle Valve  
(Not Suitable for Burning Gas)**

LCN150NQ

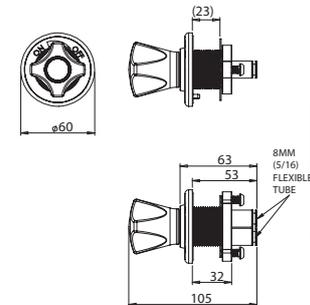
Specify media type when ordering



**ComLab FPV with Quick Connections — Ceramic Disc  
(Water Only)**

LCN150Q

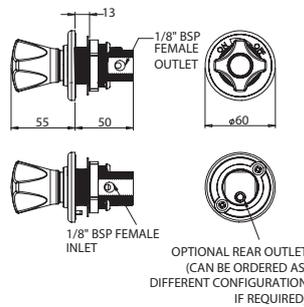
Specify media type when ordering



**ComLab FPV with 1/8" BSP FI — Push To Turn  
(Burning Gas Only)**

LCN152BF

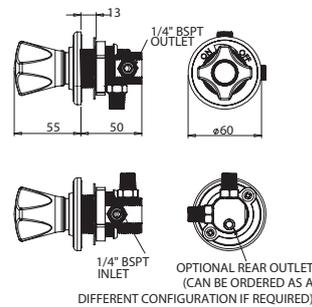
Suits Burning Gas only – specify media type when ordering



**ComLab FPV with 1/4" BSP MI — Push To Turn  
(Burning Gas Only)**

LCN152BM

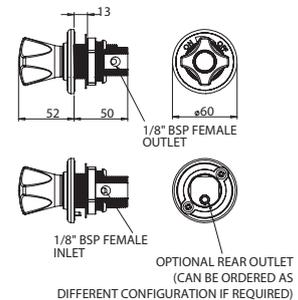
Suits Burning Gas only – specify media type when ordering



**ComLab FPV with 1/8" BSP FI — Ceramic Disc  
(Water Only)**

LCN152F

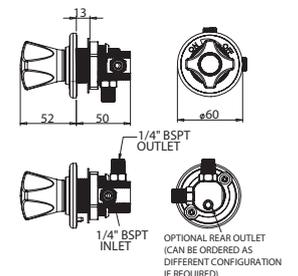
Specify media type when ordering



**ComLab FPV with 1/4" BSP MI — Ceramic Disc  
(Water Only)**

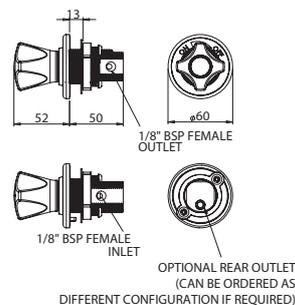
LCN152M

Specify media type when ordering



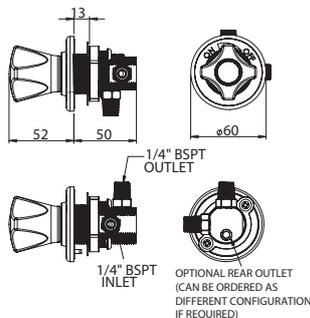
**ComLab FPV with 1/8" BSP FI — Needle Valve**

LCN152NF Specify media type when ordering



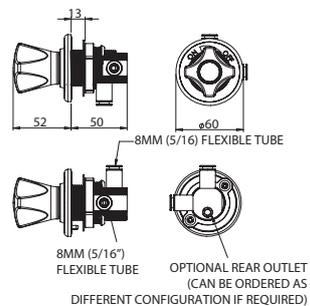
**ComLab FPV with 1/4" BSP MI — Needle Valve**

LCN152NM Specify media type when ordering



**ComLab FPV with Quick Connections — Needle Valve**

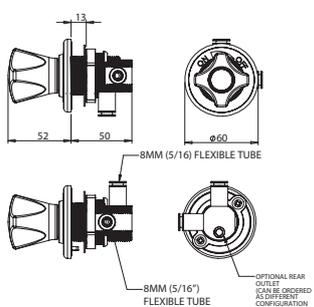
LCN152NQ Specify media type when ordering\*



Not suitable for burning gases

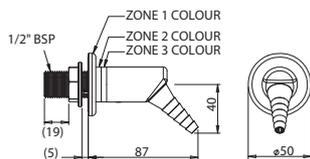
**ComLab FPV with Quick Connections — Ceramic Disc (Water Only)**

LCN152Q Specify media type when ordering



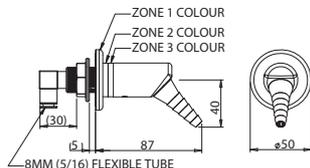
**ComLab 45 Degree Fume Cupboard Outlet with Removable Outlet — 1/2" MI - 3/8" FI**

LCN159 Specify media type when ordering



**ComLab 45 Degree Fume Cupboard Outlet with Removable Outlet — Quick Connections on Inlet**

LCN159Q Specify media type when ordering



Not suitable for burning gases

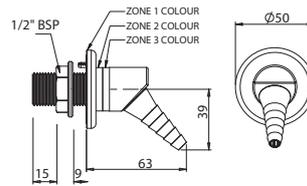
E

Commercial Laboratory tapware

**ComLab 45 Degree Fume Cupboard Outlet  
— 1/2"MI — 3/8"FI**

LCN160

Specify media type when ordering



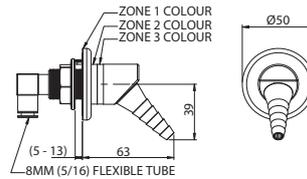
MEDIA TYPE TO BE SPECIFIED



**ComLab 45 Degree Fume Cupboard Outlet  
— Quick Connections**

LCN160Q

Specify media type when ordering

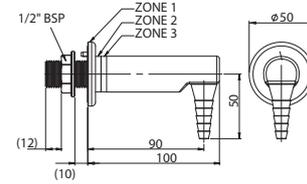


Not suitable for burning gases

**ComLab 90 Degree Fume Cupboard Outlet  
— 90mm Reach**

LCN161

Specify media type when ordering



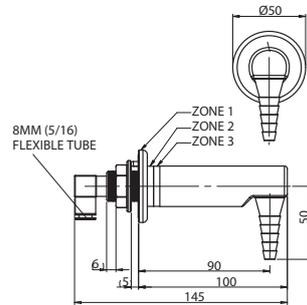
MEDIA TYPE TO BE SPECIFIED



**ComLab 90 Degree Fume Cupboard Outlet  
— 90mm Reach with Quick Connections**

LCN161Q

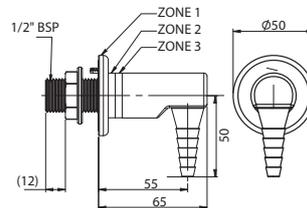
Specify media type when ordering



**ComLab 90 Degree Fume Cupboard Outlet  
— 55mm Reach**

LCN161S

Specify media type when ordering



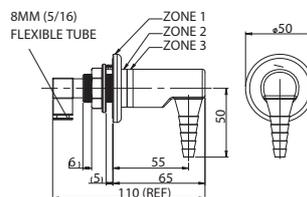
MEDIA TYPE TO BE SPECIFIED



**ComLab 90 Degree Fume Cupboard Outlet  
— 55mm Reach with Quick Connections**

LCN161SQ

Specify media type when ordering

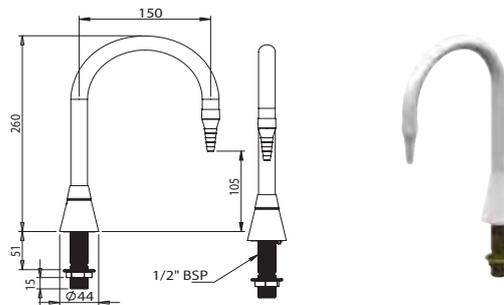


Not suitable for burning gases

**ComLab Goose Neck Swivel Outlet — Hob Mounted**

LCN162

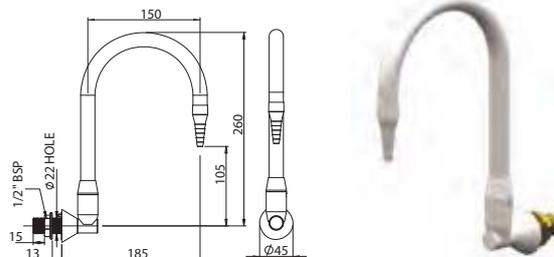
Specify media type when ordering



**ComLab Goose Neck Swivel Outlet — Wall Mounted**

LCN162W

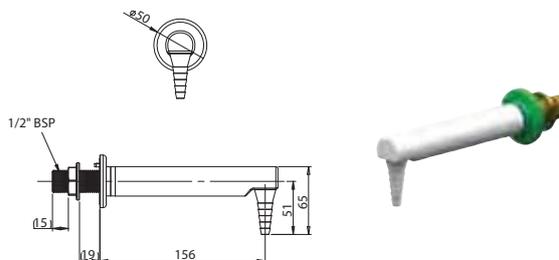
Specify media type when ordering



**ComLab 90 Degree Fume Cupboard Outlet — 155mm Reach**

LCN166

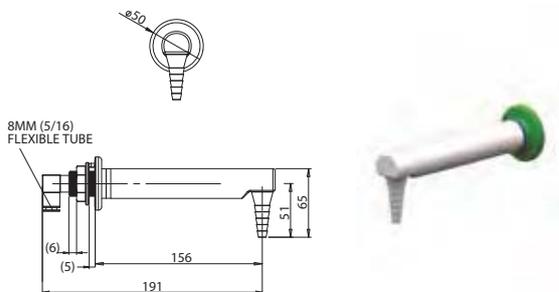
Specify media type when ordering



**ComLab 90 Degree Fume Cupboard Outlet — 155mm Reach with Quick Connections**

LCN166Q

Specify media type when ordering



Not suitable for burning gases

**ComLab Tube Nozzle**

LCN170

Suits LCN Gas Products

LCN171

With Dual Check Valve to Suit LCN Water Products



**Aerator**

LCN172

Aerator Kit to Suit LCN Products



E

Commercial Laboratory tapware

## Quick Connection

LCN173	Straight – 1/8" BSP x 8mm
LCN174	90 Degree Elbow – 1/4" BSP x 8mm

## ComLab Button Replacement

LCN181	Dry Media Button to Suit LCN Products — Specify Media
LCN182	Water Services Button to Suit LCN Products — Specify Water Type



CLIENT TO SPECIFY MEDIA BUTTON REQUIRED

## ComLab 3/4 Turn Ceramic Disc Stuffing Box Assembly

LCN183	SBA 1/2" BSP — To Suit LCN Products
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## ComLab Needle Valve Stuffing Box Assembly

LCN184	SBA 1/2" BSP To Suit LCN Products
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## Indicator Ring

LCN185	Plastic Indicator Ring for Gas Media Application
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CLIENT TO SPECIFY MEDIA TYPE OR COLOUR REQUIRED

## ComLab Base Flange for Wall/Bench

LCN186	Specify colour when ordering
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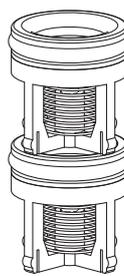


SUPPLIED AS WHITE STANDARD,  
CLIENT TO SPECIFY IF OTHER COLOUR REQUIRED

**Dual Check Valve**

LCN187

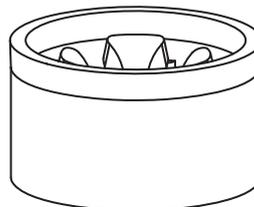
2x Check Valve to suit LCN Nozzle



**Flow Control to suit LCN Tube Nozzle**

LCN190

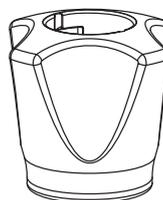
Flow Controller 8L/min



**ComLab Handle Replacement**

LCN191

LCN Replacement Handle Only



SUPPLIED AS GREEN STANDARD,  
CLIENT TO SPECIFY IF OTHER COLOUR REQUIRED

**ComLab — Push To Turn Top Assembly**

LCN192

Push Turn Top Assembly Complete For  
Burning Gas Application



**Type 17 1 Way Stainless Steel 90 Degree Pure Water Laboratory Tap**

LFP012

Bench Mounted

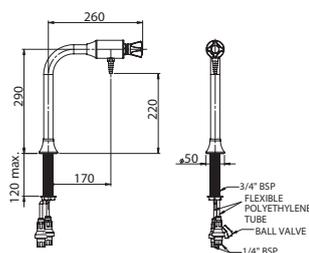
LFP013

Wall Mounted



**Type 17 Bench Reverse Osmosis Water Laboratory Tap**

LFP026

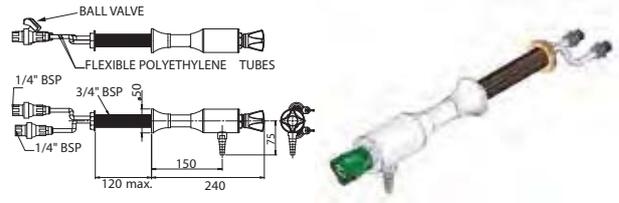


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Commercial Laboratory tapware

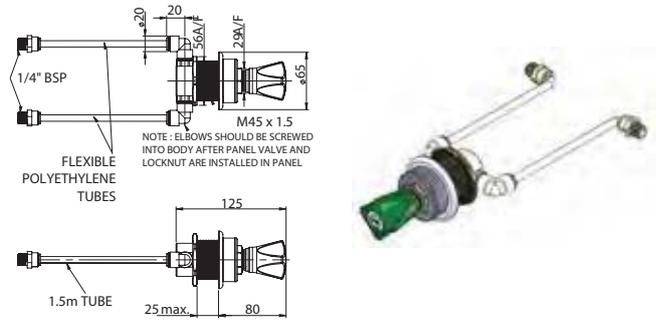
## Wall Mounted Reverse Osmosis Water Laboratory Tap 150mm

LFP027



## Pure Water Control Valve

LFP029



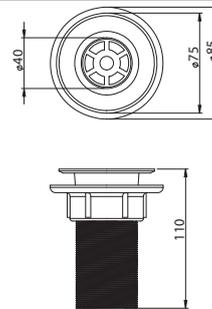
## Plug & Waste Polypropylene Black

LFP132

32mm

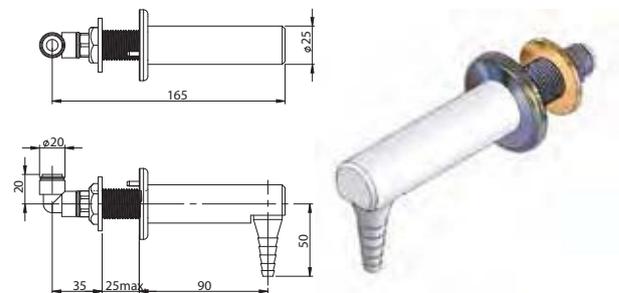
LFP140

40mm



## Wall Mounted Pure Water Outlet

LFP161



# school laboratory series

## Robust water and gas fittings ideal for school laboratories

When you specify Enware's Laboratory tapware, you benefit from our long experience as a world leading supplier of specialist Air, Water and Gas products.

Enware's School Laboratory tapware is robust with vandal resistant properties inbuilt specifically for school applications.

The extensive range is available in a wide range of configurations. Options include:

- Handle type School Pattern or CS Series
- Valving Jumper Valve or Ceramic Disc
- Outlet attachments

Enware's Australian manufacturing facility also means customisation is possible. Contact your Enware representative for more information.



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**WaterMark**  
AS/NZS 3718 WMKA 1583  
SAI Global

Enware Tapware is manufactured to the exacting WaterMark standard AS/NZS3718 and AS4020.

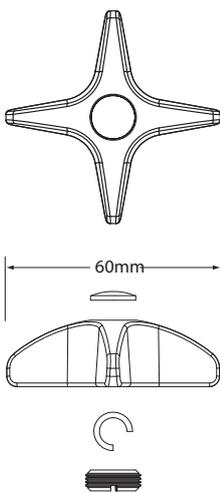


Gas Turrets have been subjected to an independent rigorous technical assessment and approval by the Australian Gas Association.

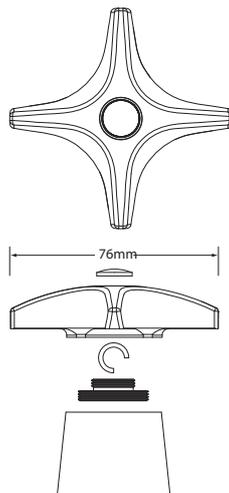
### handle selection

Two vandal resistant handle options are available:

#### SCHOOL PATTERN



#### CS SERIES



### water efficiency



WELS 3 Star (8lpm) water efficiency rating supplied as standard. For 5 Star (6lpm) request when ordering.

### technical information

	CERAMIC DISC	JUMPER VALVE
Minimum–Maximum Working Pressure (AS/NZS 3500)*	50–500kPa	30–500kPa
Maximum Static Pressure	800kPa	1200kPa
Maximum Working Temperature**	85°C	95°C

\*Enware products are to be installed in accordance with AS/NZS3500. \*\*Heated Water Supply AS/NZS 3500.4: For all sanitary fixtures used primarily for personal hygiene purposes are to deliver heated water not exceeding: a) 45°C for early childhood centres, primary and secondary schools and nursing homes or similar facilities for young, aged care, sick people with disabilities b) 50°C in all other buildings.

## technical information

### VALVING OPTIONS

The standard valve is jumper valve ie: LF or LCS. Quarter turn ceramic disc valve is also available ie: LFQ or LCQ.

*For Example*

LF110 = Bench mounted Type 16, stop valve W/School pattern handle, jumper valve  
LCQ110W = Wall mounted Type 16, stop valve with CS Series handle, quarter turn

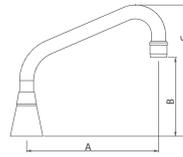
Spout configurations in a wide range of shapes and sizes are available, including Fixed and Swivel. For the full range – as well as details of custom-made options – please see the Enware Spouts Brochure or visit

### WWW.ENWARE.COM.AU

Custom sizes and type of spout can be manufactured to order. The base height on spouts shown here is 40mm. Height dimensions need to be reduced by 40mm when changing spouts on configurations where the base is not used.



Jumper valve (standard (LF))

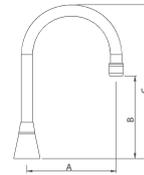


Order Codes:

	A	B	C
SP010	180	110	180
SP011	230	150	220
SP012	300	170	240



1/4 turn ceramic disc (LFQ)



Order Codes:

	A	B	C
SP020	150	140	260
SP021	150	225	345
SP026	200	125	265

## outlet options

### AERATOR

Softens water jet by aeration and reduces water volume.

Order Code:

**SP301**



### ANTI-VANDAL AERATOR

Performs the same function as normal aerator, except it requires a key to install and remove.

Order Code:

**SP303**



### ABLUTION OUTLET

Self-cleaning anti-vandal spray attachment.

Order Code:

**SP329**



### FIXED SPRAY

Provides a fixed pattern spray.

Order Code:

**SP325**



### HOSE ADAPTOR

Provides 1/2" or 3/4" BSP thread respectively.

Order Code:

**SP320, SP320 - F/M 15mm BSP**  
**- F/M 15mm BSP; SP321 - F/M 20mm BSP**



### TUBE NOZZLE

Allows for the push-on attachment of hose.

Order Code:

**SP310**



### DUAL CHECK VALVE

Dual check valve with tube nozzle thread. Attach tube nozzle for low hazard prevention to AS2845.1.

Order Code:

**ZBD005**



### VACUUM SYPHON

Produces a vacuum from the water flow through the unit.

Order Code:

**SP327**

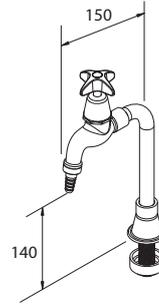


### RELATED PRODUCTS

Lever Action Tapware — Page 93  
Electronic Touch Button and Sensor Tapware — Page 239  
Emergency Showers and Eyewash Equipment — Page 291  
Anti-Vandal Tapware — Page 1

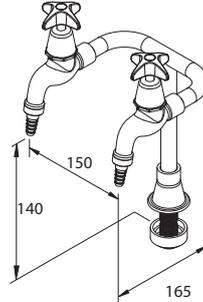
**Type 5 1 Way Laboratory Tap Standard**

- LCQ101 CS Series 1/4 Turn Ceramic Disc
- LCS101 CS Series Jumper Valve
- LF101 School Pattern Jumper Valve
- LFQ101 School Pattern 1/4 Turn Ceramic Disc



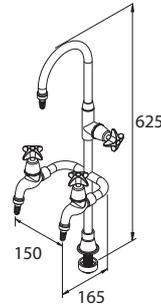
**Type 6 2 Way Laboratory Tap Standard**

- LCQ102 CS Series 1/4 Turn Ceramic Disc
- LCS102 CS Series Jumper Valve
- LF102 School Pattern Jumper Valve
- LFQ102 School Pattern 1/4 Turn Ceramic Disc



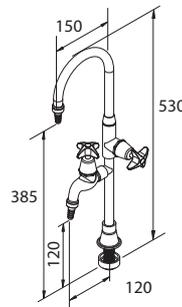
**Type 7 3 Way Laboratory Tap Swivel Outlet**

- LCQ103 CS Series 1/4 Turn Ceramic Disc
- LCS103 CS Series Jumper Valve
- LF103 School Pattern Jumper Valve
- LFQ103 School Pattern 1/4 Turn Ceramic Disc



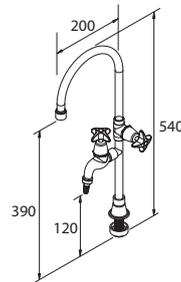
**Type 8 2 Way Laboratory Tap Swivel Outlet**

- LCQ104 CS Series 1/4 Turn Ceramic Disc
- LCS104 CS Series Jumper Valve
- LF104 School Pattern Jumper Valve
- LFQ104 School Pattern 1/4 Turn Ceramic Disc



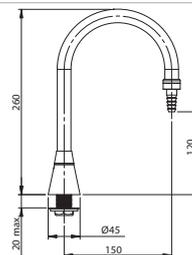
**Type 8C7 DPW 200mm Fixed Aerated Outlet 8lpm**

- LF104S School Pattern Jumper Valve (NSW School Specification)



**Type 10 Swivel Outlet**

- LF105 Bench Mounted
- LF105W Wall Mounted

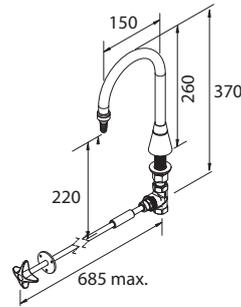


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School Laboratory tapware

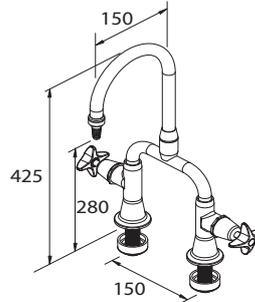
### Type R10 Outlet & Remote Control Water

LCQ106	CS Series 1/4 Turn Ceramic Disc
LCS106	CS Series Jumper Valve
LF106	School Pattern Jumper Valve
LFQ106	School Pattern 1/4 Turn Ceramic Disc



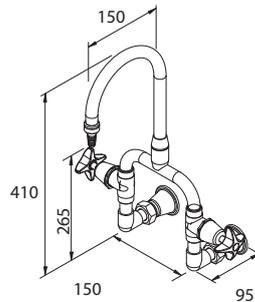
### Type 13 Laboratory Mixing Set Swivel Outlet

LCQ107	CS Series 1/4 Turn Ceramic Disc
LCS107	CS Series Jumper Valve
LF107	School Pattern Jumper Valve
LFQ107	School Pattern 1/4 Turn Ceramic Disc



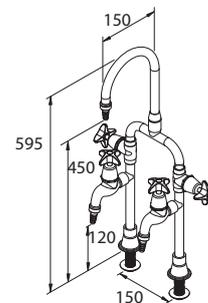
### Type 13 Wall Mounted Laboratory Mixing Set Swivel Outlet

LCQ107W	CS Series 1/4 Turn Ceramic Disc
LCS107W	CS Series Jumper Valve
LF107W	School Pattern Jumper Valve
LFQ107W	School Pattern 1/4 Turn Ceramic Disc



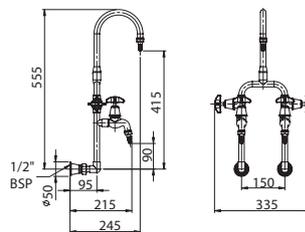
### Type 14 Mixing Set with additional Bib Taps

LCQ108	CS Series 1/4 Turn Ceramic Disc
LCS108	CS Series Jumper Valve
LF108	School Pattern Jumper Valve
LFQ108	School Pattern 1/4 Turn Ceramic Disc



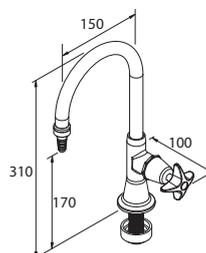
### Type 14 Wall Mixing Set & Bibs

LCQ108W	CS Series 1/4 Turn Ceramic Disc
LCS108W	CS Series Jumper Valve
LF108W	School Pattern Jumper Valve
LFQ108W	School Pattern 1/4 Turn Ceramic Disc



### Type 16 Laboratory Stop Tap Fixed Outlet

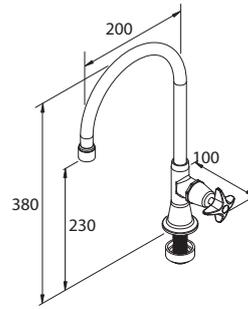
LCQ109	CS Series 1/4 Turn Ceramic Disc
LCS109	CS Series Jumper Valve
LF109	School Pattern Jumper Valve
LFQ109	School Pattern 1/4 Turn Ceramic Disc



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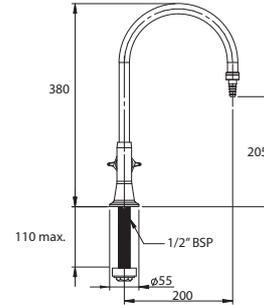
**Type 16C7 with 200mm Fixed Aerated Spout**

- LF109S School Pattern Jumper Valve (NSW School Specification)
- LF109SLH School Pattern Jumper Valve NSW School Specification — Left Hand
- LFQ109S School Pattern 1/4 Turn Ceramic Disc (NSW School Specification)



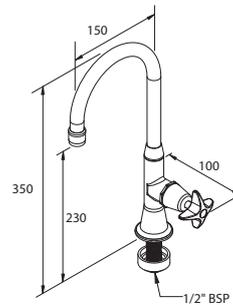
**Type 16C2 DPW 200mm Fixed Tube Nozzle 6lpm**

- LF109ST School Pattern Jumper Valve (NSW School Specification-Tube Nozzle) — Right Hand
- LF109STLH School Pattern Jumper Valve (NSW School Specification-Tube Nozzle) — Left Hand



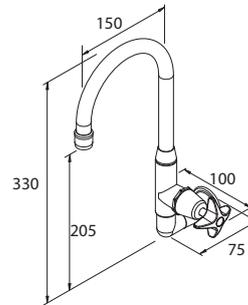
**Type 16A Laboratory Stop Tap Swivel Outlet Aerated**

- LCQ110 CS Series 1/4 Turn Ceramic Disc
- LCS110 CS Series Jumper Valve
- LF110 School Pattern Jumper Valve
- LF110E School Pattern Jumper Valve Epoxy
- LFQ110 School Pattern 1/4 Turn Ceramic Disc



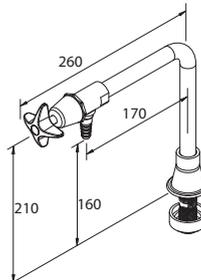
**Type 16A Wall Laboratory Stop Tap Swivel Outlet Aerated**

- LCQ110W CS Series 1/4 Turn Ceramic Disc
- LCS110W CS Series Jumper Valve
- LF110W School Pattern Jumper Valve
- LFQ110W School Pattern 1/4 Turn Ceramic Disc



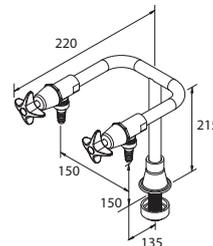
**Type 17 1 Way Right Angle Laboratory Tap**

- LCQ111 CS Series 1/4 Turn Ceramic Disc
- LCS111 CS Series Jumper Valve
- LF111 School Pattern Jumper Valve
- LFQ111 School Pattern 1/4 Turn Ceramic Disc



**Type 18 2 Way Right Angle Laboratory Tap**

- LCQ112 CS Series 1/4 Turn Ceramic Disc
- LCS112 CS Series Jumper Valve
- LF112 School Pattern Jumper Valve
- LFQ112 School Pattern 1/4 Turn Ceramic Disc

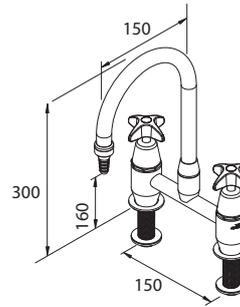


E

School Laboratory tapware

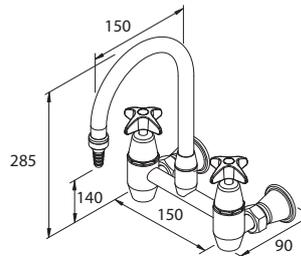
### Type 19 Mixing Set Swivel Outlet

LCQ113	CS Series 1/4 Turn Ceramic Disc
LCS113	CS Series Jumper Valve
LF113	School Pattern Jumper Valve
LFQ113	School Pattern 1/4 Turn Ceramic Disc



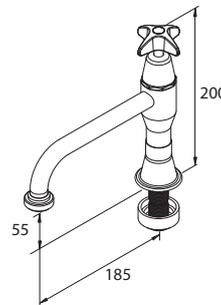
### Type 19 Wall Mixing Set Swivel Outlet

LCQ113W	CS Series 1/4 Turn Ceramic Disc
LCS113W	CS Series Jumper Valve
LF113W	School Pattern Jumper Valve
LFQ113W	School Pattern 1/4 Turn Ceramic Disc



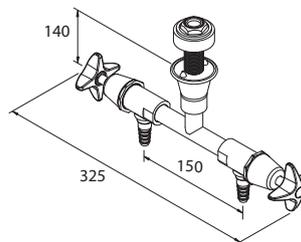
### Type 25 Extended Nose Pillar Tap With Ablution Outlet

LCQ114	CS Series 1/4 Turn Ceramic Disc
LCS114	CS Series Jumper Valve
LF114	School Pattern Jumper Valve
LFQ114	School Pattern 1/4 Turn Ceramic Disc



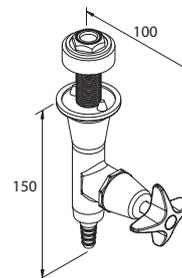
### Type 28 2 Way Pendant Laboratory Tap

LCQ116	CS Series 1/4 Turn Ceramic Disc
LCS116	CS Series Jumper Valve
LF116	School Pattern Jumper Valve
LFQ116	School Pattern 1/4 Turn Ceramic Disc



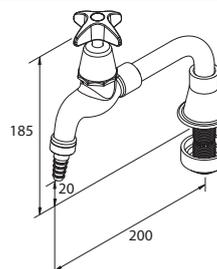
### Type 29 1 Way Pendant Laboratory Tap

LCQ117	CS Series 1/4 Turn Ceramic Disc
LCS117	CS Series Jumper Valve
LF117	School Pattern Jumper Valve
LFQ117	School Pattern 1/4 Turn Ceramic Disc



### Type 26 Bench Mounted Laboratory Bib Tap

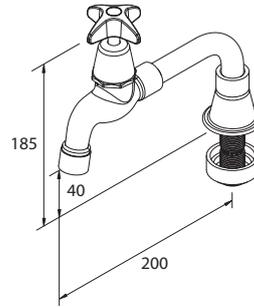
LCQ118	CS Series 1/4 Turn Ceramic Disc
LCS118	CS Series Jumper Valve
LF118	School Pattern Jumper Valve
LFQ118	School Pattern 1/4 Turn Ceramic Disc



**Type 26 Bench Lab Bib Tap with Anti-Vandal Aerator**

LF118S

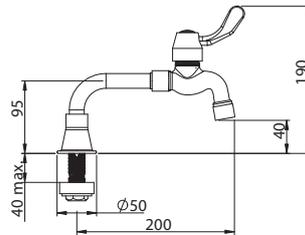
School Pattern Jumper Valve  
( NSW School Specification)



**Type 26-7 Lab Bib Tap with Lever — 8lpm**

LF118SL

School Pattern Jumper Valve  
( NSW School Specification-Lever)



**Type 26 Wall Mounted Laboratory Bib Tap**

LCQ118W

CS Series 1/4 Turn Ceramic Disc

LCS118W

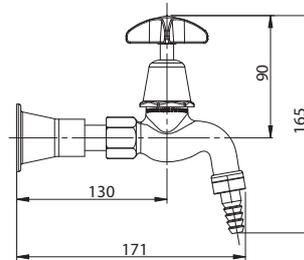
CS Series Jumper Valve

LF118W

School Pattern Jumper Valve

LFQ118W

School Pattern 1/4 Turn Ceramic Disc



**Type 28 2 Way Bench Laboratory Tap**

LCQ119

CS Series 1/4 Turn Ceramic Disc

LCS119

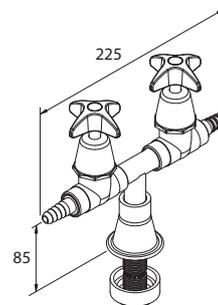
CS Series Jumper Valve

LF119

School Pattern Jumper Valve

LFQ119

School Pattern 1/4 Turn Ceramic Disc



**Type 29 1 Way Bench Laboratory Tap**

LCQ120

CS Series 1/4 Turn Ceramic Disc

LCS120

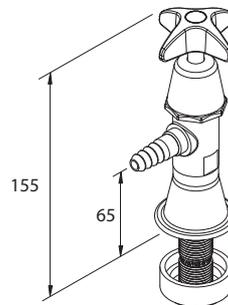
CS Series Jumper Valve

LF120

School Pattern Jumper Valve

LFQ120

School Pattern 1/4 Turn Ceramic Disc



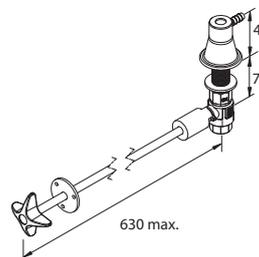
**Type 36 Remote & Outlet Gas 15mm 7kPa**

LCS121

CS Series

LF121

School Pattern



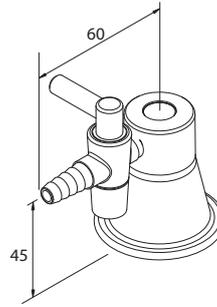
E

School Laboratory tapware

**Type 37 1 Way Gas Turret FI 15mm 7kPa**

LF122

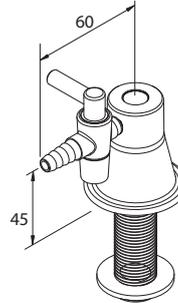
Tapered Plug Taps



**Type 38 1 Way Gas Bench Turret MI 15mm 7kPa**

LF123

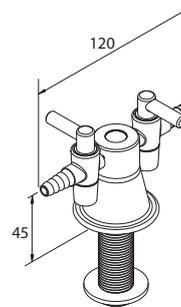
Tapered Plug Taps



**Type 39 2 Way Gas Turret 180 Degree MI 15mm 7kPa**

LF124

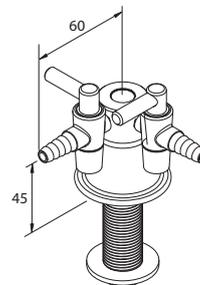
Tapered Plug Taps



**Type 40 2 Way Gas Turret 90 Degree MI 15mm 7kPa**

LF125

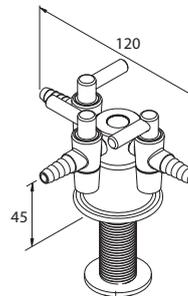
Tapered Plug Taps



**Type 41 3 Way Gas Turret MI 15mm 7kPa**

LF126

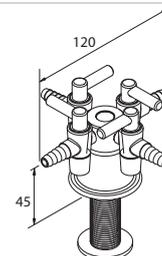
Tapered Plug Taps



**Type 42 4 Way Gas Turret MI 15mm 7kPa**

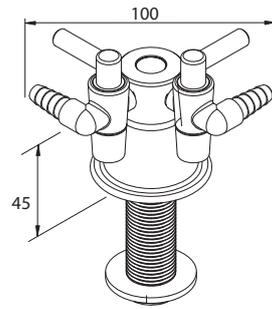
LF127

Tapered Plug Taps



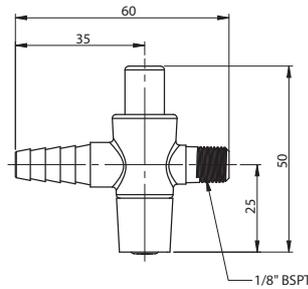
**Type 40 2 Way Right Angle Non-Return Valve  
90 Degree MI 15mm 7kPa**

LF128 Tapered Plug Taps (NSW School Specification)



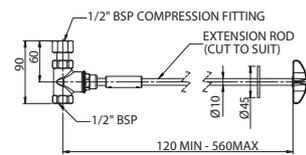
**Gas Plug Tap 1/8 Inch MI 7kPa**

LF129 Tapered Plug Taps



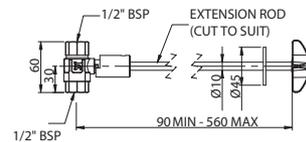
**Remote Control For Water**

LCQ132 CS Series 1/4 Turn Ceramic Disc  
LCS132 CS Series Jumper Valve  
LF132 School Pattern Jumper Valve



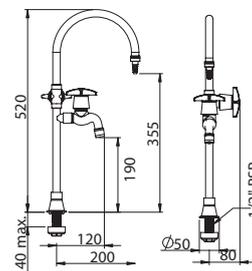
**Remote Control For Gas Unit**

LF133 School Pattern Ball Valve



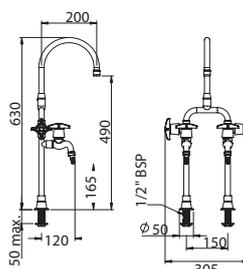
**Type 8 2 Way Laboratory Tap With 200mm  
Fixed Outlet**

LCQ140 CS Series 1/4 Turn Ceramic Disc (Qld R10)  
LCS140 CS Series Jumper Valve



**Type 14 2 Way Laboratory Tap With 200mm  
Swivel Outlet**

LCQ141 CS Series 1/4 Turn Ceramic Disc (Qld R20)  
LCS141 CS Series Jumper Valve



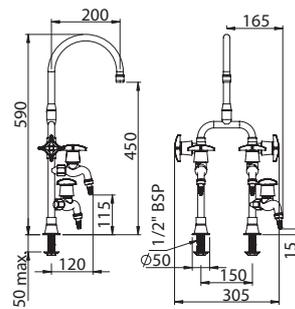
### Type 14 2 Way Laboratory Tap With Bib and 200mm Swivel Outlet

LCQ142

CS Series 1/4 Turn Ceramic Disc (Qld R21)

LCS142

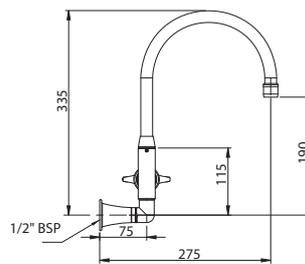
CS Series Jumper Valve



### Type 16A Wall Mounted Laboratory Stop Tap 200mm Swivel Outlet

LCQ143W

CS Series 1/4 Turn Ceramic Disc



### Rough Brass Gas Turret Spanner

RB357

