

OPTIMA™

SERVICE FIXTURES

Female Quick Connect Fittings



Standard Optima™ Laboratory Bench systems are UL962 Listed, however this listing does not cover plumbing fixtures and associated piping. The customer is responsible for ensuring that internal piping and components meet local codes and standards. In some jurisdictions on-site inspection and testing may be required, this service is not provided by Mott Manufacturing.

For Straight Hose			For Stainless Steel Hose	
Service	Band Color	Item Number	Band Color	Item Number
AIR	Orange	MCPVAIR	Orange	MSSAAIR
ARG	Violet	MCPVARG	Violet	MSSAARG
CW	Green	MCPVCWT	Green	MSSACWT
GAS	Blue	MCPVGAS	Blue	MSSAGAS
HE	Black	MCPVHEL	Black	MSSAHEL
NIT	Brown	MCPVNIT	Brown	MSSANIT
VAC	Yellow	MCPWAC	Yellow	MSSAVAC

- These parts are shipped loose.
- A panel mounted brass keyed quick connect is suitable for panel mounting on overhead service carriers/panels.
- Complete with a 3/8" male NPT inlet.
- Only plug and body quick connects of the same color will couple and allow flow.

Straight Hose Assemblies



Straight Hose		
Service	Band Color	Item Number
AIR	Orange	PVHAIR
ARG	Violet	PVHAARG
CW	Green	PVHACWT
GAS	Blue	PVHAGAS
HE	Black	PVHAHEL
NIT	Brown	PVHANIT
VAC	Yellow	PHAVAC

- These parts are shipped loose. Suitable for all Optima™ series.
- Straight Assembly complete with 3/8" I.D. X 72" long reinforced straight white polyurethane hose color-coded per service and keyed plug quick connects.
- Only plug and body quick connects of the same color will couple and allow flow.

Stainless Steel Hose Assemblies



Stainless Steel Hose		
Service	Band Color	Item Number
AIR	Orange	SSHAIR
ARG	Violet	SSHAARG
CW	Green	SSHACWT
GAS	Blue	SSHAGAS
HE	Black	SSHAHEL
NIT	Brown	SSHANIT
VAC	Yellow	SSHAVAC

- These parts are shipped loose.
- Assembly complete with 3/8" I.D. X 72" long stainless steel braided hose (hose has Teflon core) and stainless steel keyed plug quick connects.
- Corrugated gas appliance connector is supplied for burning gas.
- Suitable for Optima™ series.
- Only plug and body quick connects of the same color will couple and allow flow.

Note: The above hoses may not be acceptable for use with burning gas in some jurisdictions. Please consult with the local authorities before ordering. Consult Mott for further information.

OPTIMA™

SERVICE FIXTURES

Quick Connect Valve Assemblies



Standard Optima™ Laboratory Bench systems are UL962 Listed, however this listing does not cover plumbing fixtures and associated piping. The customer is responsible for ensuring that internal piping and components meet local codes and standards. In some jurisdictions on-site inspection and testing may be required, this service is not provided by Mott Manufacturing.

For 2500 Series			
Service	Band Color	Straight Hose	Stainless Hose
AIR	Orange	QCV1AIR	QCV3AIR
ARG	Violet	QCV1ARG	QCV3ARG
CW	Green	QCV1CWT	QCV3CWT
GAS	Blue	-	QCV3GAS
HE	Black	QCV1HEL	QCV3HEL
NIT	Brown	QCV1NIT	QCV3NIT
VAC	Yellow	QCV1VAC	QCV3VAC

- These parts are shipped loose.
- Assembly complete with panel mounted wye service fixture (Instrumentation Needle Valve supplied, Note: \*Cold Water is supplied with ball valve), keyed quick connect body and tubing. Hoses are not included and must be ordered separate. (When ordering assembly for Straight hose, brass keyed quick connect body and copper tubing is supplied. When ordering assembly for Stainless Steel hose, stainless steel keyed quick connect body and stainless steel tubing is supplied.)
- Corrugated gas appliance connector is supplied for natural gas.
- This assembly is only suitable for Optima™ 2500 Series.
- Only plug and body quick connects of the same color will couple and allow flow.



For 2100 Series			
Service	Band Color	Straight Hose	Stainless Hose
AIR	Orange	QCV2AIR	QCV4AIR
ARG	Violet	QCV2ARG	QCV4ARG
CW	Green	QCV2CWT	QCV4CWT
GAS	Blue	-	QCV4GAS
HE	Black	QCV2HEL	QCV4HEL
NIT	Brown	QCV2NIT	QCV4NIT
VAC	Yellow	QCV2VAC	QCV4VAC

- These parts are shipped loose.
- Assembly complete with panel mounted single service fixture (Instrumentation Needle Valve supplied, Note: \*Cold Water is supplied with ball valve), keyed quick connect body and tubing. Hoses are not included and must be ordered separate. (When ordering assembly for Straight hose, brass keyed quick connect body and copper tubing is supplied. When ordering assembly for Stainless Steel hose, stainless steel keyed quick connect body and stainless steel tubing is supplied.)
- Corrugated gas appliance connector is supplied for natural gas.
- This assembly is only suitable for Optima™ 2100 Series.
- Only plug and body quick connects of the same color will couple and allow flow.