

Part No.

# QTVC-4FBA-RG-2m-1m

QTVC volume controller, 1/2in FBSPP gauge adapter, 2m, 1m hoses, (2) 1/4" FBSPP process conn.

Calibrate both very low pressure or high pressure instrumentation using nitrogen with an attached pressure gauge or calibrator (gauge or calibrator not included)



QTVC-4FBA-RG-2m-1m

## Included Items

- Volume Controller - QTVC Volume Controller (QTVC)
- Reference Connection - G 1/2" female BSPP (ISO 228/1) x female Quick-test, no check-valve, brass (QTHA-4FBA-RG)
- Process Connection 1 - G 1/4" female BSPP (ISO 228/1) x male Quick-test, no check-valve, brass (QTHA-2FB0-RG)
- Process Connection 2 - G 1/4" female BSPP (ISO 228/1) x male Quick-test, no check-valve, brass (QTHA-2FB0-RG)
- Hose 1 - Quick-test 6900 psi hose, brass hose ends, 2 m (6.6 ft) long (QTQT-HOS-2m)
- Hose 2 - Quick-test 6900 psi hose, brass hose ends, 1 m (3.3 ft) long (QTQT-HOS-1m)

## Specs/Attributes

Max Pressure	3000 PSI / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Materials	Aluminum, Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Seal Materials	Buna-N, Delrin, Teflon
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Hose 1	Quick-test Hose, Brass ends, 2m long
Hose 2	Quick-test Hose, Brass ends, 1m long
Pressure Reference	None
Process Connection	1/4" Female BSPP (G1/4)
Reference Connection	1/2" Female BSPP (G1/2)
Country of origin	USA
Weight	6.15 lbs / 2.79 kg
Dimensions	H: 6.16 in (15.65 cm) x W: 8.5 in (21.59 cm) x D: 7.38 in (18.75 cm)

## Volume Controller QTVC

Harmonized Code	9032.81.0060
-----------------	--------------

## Volume Controller QTVC

Inlet Port	Male Quick-test
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Max Pressure	3000 PSI / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Pressure Media	Nitrogen, inert gas
Fine Adjustment Resolution	0.00 PSI / 0.00 mbar / 0.00 kPa
Mechanical Rotation	42 turns (pressure balanced)
Materials	Anodized Aluminum, Brass, Powder Coated Steel, Stainless Steel
Media Compatibility	Air, Inert Gas, Natural Gas
Seal Materials	Buna-N, Delrin, Teflon
Country of origin	USA
Weight	3.70 lbs / 1.68 kg
Dimensions	H: 6.8 in (17.27 cm) x W: 8.5 in (21.59 cm) x D: 6.6 in (16.76 cm)

## Reference Connection QTHA-4FBA-RG

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Min Operating Temperature	0 °F / -18 °C
Wrench Size	1-1/16 In 27 mm
Connector End 1	G 1/2 Female BSPP (ISO 228)
Connector End 2	Female Quick-test
Dimensions	H: 1.76 in (4.47 cm) x W: 1.06 in (2.69 cm)

## Process Connection 1 QTHA-2FB0-RG

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa

**Process Connection 1** QTHA-2FB0-RG

Seal Materials	Buna-N
Wrench Size	3/4 In 19 mm
Connector End 1	G 1/4 Female BSPP (ISO 228)
Connector End 2	Male Quick-test
Dimensions	H: 1.12 in (2.84 cm) x W: 0.75 in (1.91 cm)

**Process Connection 2** QTHA-2FB0-RG

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Seal Materials	Buna-N
Wrench Size	3/4 In 19 mm
Connector End 1	G 1/4 Female BSPP (ISO 228)
Connector End 2	Male Quick-test
Dimensions	H: 1.12 in (2.84 cm) x W: 0.75 in (1.91 cm)

**Hose 1** QTQT-HOS-2m

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA
Fluid Media	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Hose Length	2 m / 6.56 ft
Inner Diameter	0.08 In / 3.00 mm
Length	2.00 m / 6 ft 7 in
Materials	Brass
Max Operating Temperature	140 °F / 60 °C
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	-30.00 InHg / -101.6 kPa
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT

**Hose 2** QTQT-HOS-1m

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA
Fluid Media	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Hose Length	1 m / 3.28 ft
Inner Diameter	0.08 In / 3.00 mm
Length	1.00 m / 3 ft 3 in
Materials	Brass
Max Operating Temperature	140 °F / 60 °C
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	-30.00 InHg / -101.6 kPa
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT