Part No.

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

# 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)

## 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 |
| 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 |

## Volume Controller QTVC

| | |
|---|---|
| Min Operating Temperature | 0 °F / -18 °C |
| Max Operating Temperature | 130 °F / 54 °C |
| 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<br>27 mm |
| Connector End 1 | G 1/2 Female BSPP (ISO 228) |
| Connector End 2 | Female Quick-test |
| Weight | 3.6 oz / 100 grams |
| Dimensions | H: 1.76 in (4.47 cm) x W: 1.06 in (2.69 cm) x D: 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 |
| Seal Materials | Buna-N |
| Wrench Size | 3/4 In<br>19 mm |
| Connector End 1 | G 1/4 Female BSPP (ISO 228) |

## Process Connection 1 QTHA-2FB0-RG

| | |
|---|---|
| Connector End 2 | Male Quick-test |
| Weight | 1.47 oz / 42 grams |
| Dimensions | H: 1.12 in (2.84 cm) x W: 0.75 in (1.91 cm) x D: 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<br>19 mm |
| Connector End 1 | G 1/4 Female BSPP (ISO 228) |
| Connector End 2 | Male Quick-test |
| Weight | 1.47 oz / 42 grams |
| Dimensions | H: 1.12 in (2.84 cm) x W: 0.75 in (1.91 cm) x D: 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 |
| Weight | 3.28 oz / 93 grams |

## Hose 2 QTQT-HOS-1m

## 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 |
| Weight | 2.67 oz / 76 grams |