

Part No.

# DCAP-PV-1MSA

*Ralston DCAP-PV Pressure / Vacuum Hand Pump*

650 psi (4.5 Mpa) pressure / 28.5 inHg (97 kPa) vacuum hand pump, 2 Quick-test outlet ports, 3 ft hose, 1/8" MNPT gauge conn., 1/4" MNPT Process conn.



DCAP-PV-1MSA

## Included Items

- Hand Pump - DCAP-PV Pneumatic / Vacuum Hand Pump (DCAP-PV)
- Reference Connection - 1/8" male NPT x female Quick-test, no check-valve, S.S. (QTHA-1MSA)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, S.S. (QTHA-2MS0)
- Hose - Quick-test 6900 psi hose, S.S. hose ends, 3 ft (92 cm) long (QSQS-HOS-3ft)

## Specs/Attributes

Country of origin	USA
Fine Adjustment Resolution	0.00 PSI / 0.01 mbar / 0.01 kPa
Hose 1	Quick-test Hose, Stainless Steel ends, 3ft / 0.9m long
Pressure Reference	None
Process Connection	1/4" Male NPT
Reference Connection	None
Materials	Anodized Aluminum, Stainless Steel
Max Pressure	650 PSI / 45 bar / 4.50 MPa
Max Temperature	130 °F / 54 °C

## Specs/Attributes

Min Temperature	0 °F / -18 °C
Pressure Media	Air
Seal Materials	Buna-N, Delrin, Teflon
Weight	2.09 lbs / 950 grams
Dimensions	H: 3.8 in (9.65 cm) x W: 5 in (12.7 cm) x D: 11.5 in (29.21 cm)

## Hand Pump DCAP-PV

Max Vacuum	29 InHg / 96.5 kPa
Pressure Media	Air
Fine Adjustment Resolution	0.00 PSI / 0.01 mbar / 0.01 kPa
Media Compatibility	Air, Inert Gas, Natural Gas
Fluid Media	Air
Materials	Anodized Aluminum, Brass, Stainless Steel
Max Pressure	650 PSI / 45 bar / 4.50 MPa
Max Temperature	140 °F / 60 °C
Min Temperature	0 °F / -18 °C
Seal Materials	Buna-N, Delrin
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Country of origin	USA
Weight	1.75 lbs / 795 grams
Dimensions	H: 5 in (12.7 cm) x W: 3 in (7.62 cm) x D: 10.5 in (26.67 cm)

## Reference Connection QTHA-1MSA

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 InHg / 0.0 kPa
Wrench Size	9/16 In 15 mm
Dimensions	H: 1.55 in (3.94 cm) x W: 0.7 in (1.78 cm)

## Process Connection QTHA-2MS0

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 InHg / 0.0 kPa
Min Temperature	0 °F / -18 °C

**Process Connection** QTHA-2MS0

Seal Materials	Buna-N
Wrench Size	9/16 In 15 mm
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

**Hose** QSQS-HOS-3ft

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
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 cm
Materials	Stainless Steel
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Temperature	140 °F / 60 °C
Max Vacuum	0.00 InHg / 0.0 kPa
Min Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT