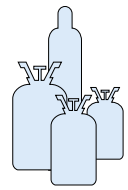


REFRIGERANT GASES VALVES

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RUS series

Single Outlet Compact Refrigerant Recovery Valves

O-Ring Cylinder Valves for Refrigerant Gases Liquid/Vapor

List Features

- Tamper proof gland nut cannot be removed
- Non-refillable outlet feature, protects cylinder from contamination (Removable and fixed versions available)
- Hose barb supplied for easy assembling of the Dip Tube
- CGA-7 pressure relief devices - various settings available
- Various soft seat Material components assures positive leak tight shut-off
- Inlet threads available with ever seal insuring leak tight cylinder connection and reduced friction during installation
- UL Listed

List Technical data

Maximum Service Pressure	45 bar	650 PSI
Temperature Range	-40°C ÷ +65°C	-40°F ÷ +149°F
Life Cycle	6,000 minimum	
Flow rate (CV):	n/a	
Discharge flow capacity for PRD start to discharge =525 PSI	208 CFM Air @ 700 PSI	



Material components

Valve Body	Brass EN 12165 alloy
Spring	Stainless Steel
Handwheel	Plastic
Seat	Various PA
O-Rings	Various CR

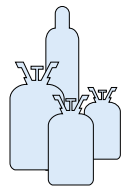
Options

Various Dt lengths and Material components
 Inverted Handwheels for liquid and vapour
 PRD seal cap
 Pressure relief device cartridge style
 Everseal preapplied on the inlet

Conforms to all requirements of:

CGA V 9	Standard for Gas Cylinder Valves
CGA S-1.1	Standard for Pressure Relief Devices
CGA V-1	Compressed Gas Cylinder Valve Outlet and Inlet Connections

Various inlet and outlet configurations available



RDU series Diaphragm Packless Multivalves for Refrigerant Gases

List Features

- Diaphragm packless style valves
- Non-refillable outlet feature, protects cylinder from contamination (Removable and fixed versions available)
- Single or dual outlet available
- All valves are 100% leak test to full cylinder service pressure
- Hose barb supplied for easy assembling of the Dip Tube
- CGA-7 pressure relief devices - various settings available
- Various soft seat Material components assures positive leak tight shut-off
- Inlet threads available with ever seal insuring leak tight cylinder connection and reduced friction during installation
- UL listed

List Technical data

Maximum Service Pressure	55 bar	800 PSI
Temperature Range	-40°C ÷ +65°C	-40°F ÷ +149°F
Life Cycle	6,000 minimum	
Flow rate (CV):	n/a	
Discharge flow capacity for PRD start to discharge =600 PSI	240 CFM Air @ 800 PSI	

Material components

Valve Body	Brass EN 12165 alloy
Handwheel	Plastic
Diaphragm	Stainless steel
Spring	Stainless steel

Options

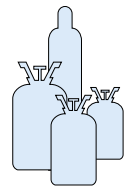
Various Dt lengths and Material components
 Inverted Handwheels for liquid and vapour
 PRD seal cap
 Pressure relief device cartridge style
 Stainless steel body for special applications
 Everseal preapplied on the inlet
 Antifilling devices available on some models

Conforms to all requirements of:

CGA V 9	Standard for Gas Cylinder Valves
CGA S-1.1	Standard for Pressure Relief Devices
CGA V-1	Compressed Gas Cylinder Valve Outlet and Inlet Connections
ISO 10297	International Standard

Various inlet and outlet configurations available





RBV series

Single Outlet Diaphragm Packless Valves

for Refrigerant Gases

List Features

- Diaphragm packless style valves
- Non-refillable outlet feature, protects cylinder from contamination (Removable and fixed versions available)
- CGA-7 pressure relief devices - various settings available
- Various soft seat Material components assures positive leak tight shut-off
- Inlet threads available with ever seal insuring leak tight cylinder connection and reduced friction during installation

List Technical data

Maximum Service Pressure	55 bar	800 PSI
Temperature Range	-40°C ÷ +65°C	-40°F ÷ +149°F
Life Cycle	6,000 minimum	
Flow rate (CV):	n/a	
Discharge flow capacity for PRD start to discharge =600 PSI	240 CFM Air @ 800 PSI	



Material components

Valve Body	Brass EN 12165 alloy
Handwheel	Plastic
Diaphragm	Stainless steel
Spring	Stainless steel

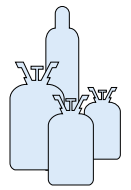
Options

- Colored Handwheel
- PRD seal cap
- Everseal preapplied on the inlet

Conforms to all requirements of:

ISO 10297 International Standard

Various inlet and outlet configurations available



ROB series

Refrigerant Cylinder Valves

O-Ring seal type

List Features

- These valves are double o-ring seal type valves
- Double o-ring Material components technology reduces the possibility of leaks
- Robust brass handwheel united with the original Qualihandwheel® Cavagna system. Brass handwheels are a more resistant than common aluminium or zamak handwheel
- O-ring Material components compatible with all different type of Refrigerant gases
- All inlets and outlets standard available
- Different handwheel sizes available

List Technical data

Maximum Service Pressure	55 bar	800 PSI
Temperature Range	-40°C ÷ +65°C	-40°F ÷ +149°F
Life Cycle	10,000 minimum	
Flow rate (CV):	n/a	
Discharge flow capacity for PRD start to discharge =600 PSI	240 CFM Air @ 800 PSI	

Material components

Valve Body	Brass EN 12165 alloy
Spindle	Brass EN 12164 alloy
Handwheel	Brass EN 12165 alloy
O-rings	Various CR
PRD Spring	Stainless steel
Seat Pad	Various PA

Options

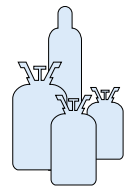
- Customized handwheel logo
- Dip tube thread
- Dip tube material based on customer requirements
- Pressure relief devices various sett pressure
- Antifilling devices available on some models
- Everseal preapplied on the inlets

Conforms to all requirements of:

EN 15995	International Standard
ISO 10297	International Standard

Various inlet and outlet configurations available





ROY series

Double Outlet Compact Refrigerant Recovery Valves

O-Ring Cylinder Valves for Refrigerant Gases Liquid/Vapor

List Features

- Tamper proof gland nut cannot be removed
- Hose barb supplied for easy assembling of the Dip Tube
- CGA-7 pressure relief devices - various settings available
- Various soft seat Material components assures positive leak tight shut-off
- Inlet threads available with ever seal insuring leak tight cylinder connection and reduced friction during installation
- UL Listed

List Technical data

Maximum Service Pressure	45 bar	650 PSI
Temperature Range	-40°C ÷ +65°C	-40°F ÷ +149°F
Life Cycle	6,000 minimum	
Flow rate (CV):	n/a	
Discharge flow capacity for PRD start to discharge =525 PSI	208 CFM Air @ 700 PSI	



Material components

Valve Body	Brass EN 12165 alloy
Spring	Stainless Steel
Handwheel	Plastic
Seat	Various PA
O-Rings	Various CR

Options

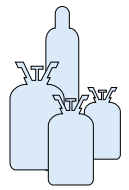
- Various Dt lengths and Material components
- Inverted Handwheels for liquid and vapour
- PRD seal cap
- Pressure relief device cartridge style

Conforms to all requirements of:

CGA V 9	Standard for Gas Cylinder Valves
CGA S-1.1	Standard for Pressure Relief Devices
CGA V-1	Compressed Gas Cylinder Valve Outlet and Inlet Connections

Various inlet and outlet configurations available

* Valve Handwheels are reversed - Red is vapor withdrawal and Blue is liquid withdrawal. Various dip tube material and lengths are available on request - Please consult the manufacturer for details.



RIV series

High Flow Rate Refrigerant gases valves

O-Ring seal type

List Features

- High Flow Rate refrigerant gases valve
- Easy handwheel operation under pressure
- Pressure relief devices - various settings available
- Double o-ring seal type valve
- Non-refillable outlet feature, protects cylinder from contamination (Removable and fixed versions available)

List Technical data

Maximum Service Pressure	45 bar	650 PSI
Temperature Range	-40°C ÷ +65°C	-40°F ÷ +149°F
Life Cycle	2,000 minimum	
Flow rate (CV):	n/a	
Discharge flow capacity for PRD start to discharge =500 PSI	262 CFM Air @ 660 PSI	



Material components

Valve Body	Brass EN 12165 alloy
Handwheel	Aluminum
O-ring	Various CR
Spindle	Brass
Antifilling device	Plastic / Brass / Stainless Steel
PRD Spring	Stainless steel

Options

- Available with antifilling device
- Everseal preapplied on the inlet
- Dip tube various Material components
- Colored Handwheel
- Customized Handwheel logo cap

Conforms to all requirements of:

ISO 10297 International Standard

Various inlet and outlet configurations available