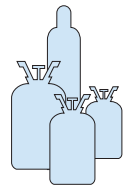


# Refrigerant Gases Valves

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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

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

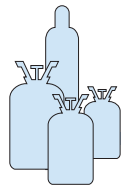
### Options

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

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

### Material components

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

### Options

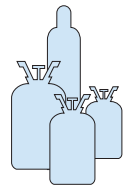
- Various Dt lengths and Material components
- Inverted Handwheels for liquid and vapour
- PRD seal cap
- Pressure relief device cartridge style
- Stainless steel body for special applications
- Everseal preapplied on the inlet
- Antifilling devices available on some models

### 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**

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



**Material components**

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

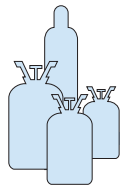
**Options**

- 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**

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

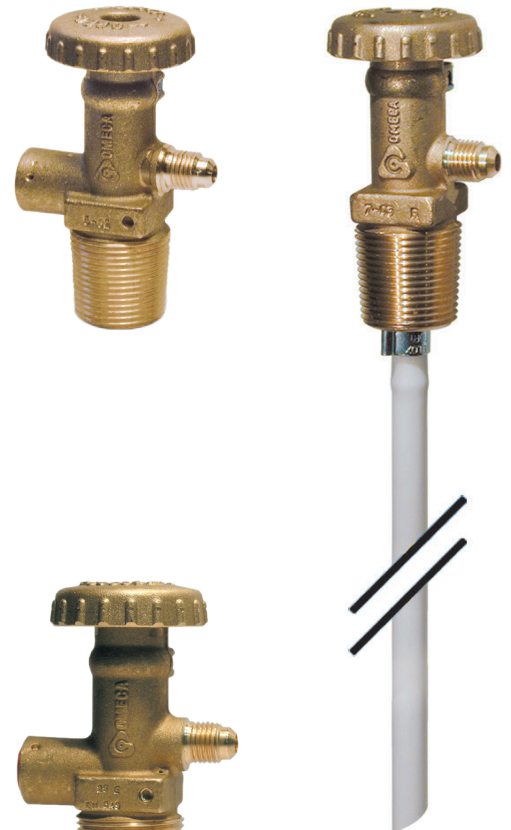
**Options**

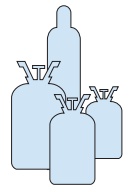
- Customized handwheel logo
- Dip thread
- Dip tube material based on customer requirements
- Pressure relief devices various sett pressure
- Antifilling devices available on some models
- Everseal preapplied on the inlets

**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

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

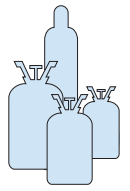
Various Dt lengths and Material components  
 Inverted Handwheels for liquid and vapour  
 PRD seal cap  
 Pressure relief device cartridge style

### 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

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