

# BBB NERIKI Valve

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## REFRIGERANTS VALVE

**Iwatani** Group 

IWATANI CORP. of AMERICA

**BBB** NERIKI VALVE CO.,LTD.  
NERIKI

# THE BBB NERIKI Refrigerants Valve



NERIKI's Unique Check Valve series are environmental friendly because our U-4 and U-6 type check valves eliminate the venting of harmful ODCs into the atmosphere; (This is achieved through **POSITIVE PRESSURE AND BACKFLOW PREVENTION**).

Because of their uniqueness and reliability, the NERIKI check valves for Refrigerants, are widely used around the globe by most major Refrigerants gas manufactures and major distributors. We currently have over million in service worldwide since introduction to the market.

In the Canadian market, we have 100% of the market share with our DCU-2(U-6) model, which are being used for the **SRC** (Small Returnable Cylinders) market. This is in replace of DAKs (Disposable Cylinders), which have been outlawed, to protect the earth's increasingly fragile Ozone layer, we are very proud of this achievement.

# U-6 type check valves (Single or L/V version)



The unique tamper proof U-6 check valve is inserted at the back of the outlet.

## □ DCU-2 type valves

- This model incorporates the U-6 check valves are available for Vapor, Liquid or Liquid/Vapor.
- This model is well suited for 30lbs (15kgs) SRC which are replacing DAKs (Disposable cylinders).



## □ DCU-3 type valves

- This model is also incorporates the U-6 check valves, which are also available for Vapor, Liquid or Liquid/Vapor, are suitable for the medium size cylinders, say 125lbs (50kgs).

# U-6 type check valves - features -

## □ High sealing integrity

- The high quality of materials and high precision of our machining ensure, excellent **Tightness**.

## □ Tamper proof

- Our unique design, of the check valve eliminates tampering, such as using your cylinders as **Recovery Cylinders**.

## □ Positive pressure of 0.1 bar (1.4psig)

- Eliminates need to vacuum cylinders
- Harmful ODCs are not vented into the atmosphere Keeps the integrity of the Refrigerant gas in the cylinders, preventing gas contamination.
- Decrease the Dew-point in the cylinder further, with each refill.
- Eliminates the need to clean the cylinder internally, which is excellent for filling plant rationalization.

## □ Backflow prevention

- This keeps the inside of the cylinder clean and therefore can extend the cylinder's life.
- Prevents Oil-laden, contaminated gas entering the cylinder.

# U-4 type check valves (Single or L/V version)



D-7CU Liquid /Vapor diaphragm type valve, which is suitable for 123–150 lbs. capacity cylinders, is also available in Single outlet, for either Vapor or Liquid application (available for half ton or ton containers).

**High sealing integrity**

**Tamper evidence**

- In this design, we have incorporated a system where by you can see if the cylinder has been tampered with.

**Positive pressure of 0.1 bar (1.4 psig)**

- Eliminates need to vacuum cylinders Harmful ODCs are not vented into the atmosphere.
- Keeps the integrity of Refrigerant gas in the cylinders preventing gas contamination.
- Decreases the Dew-point in the cylinder further, with each refill.
- Eliminates the need to clean the cylinder internally, which is excellent for filling plant rationalization.

**Backflow prevention**

- This keeps the inside of the cylinder clean and therefore can extend the cylinder's life.
- Prevents Oil-laden, contaminated gas, entering the cylinder.

# Filling Tool “QUICK connection” & QUICK O”

“Quick connection”



“Quick O”



- “QUICK connection” Pneumatic gas filling tool for our U-6 type check valves (DCU-2 & DCU3 models).
- “QUICK O” Pneumatic gas filling tool for our U-4 type check valves (D-7CU models)
  - Easy operation
  - Simply push a button to make the Quick Connection and another to start filling the gas.

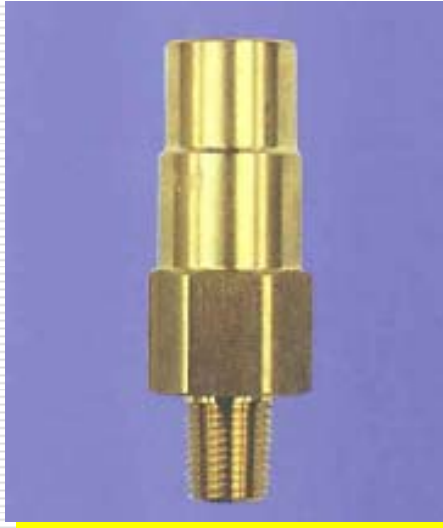
# Other Tools

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SP-11 series Safety device  
for half or one ton container



S-1 series Spring Safety relief  
device for half or one ton container



CP series brass plug for  
half or one ton container

