



NDL Industries

APPLICATIONS

Commercial, Industrial, and Residential CO₂ Refrigeration

C194 Copper Check Valves (CO₂-CVK)

NDL CO₂ check valves perform unlike any other in its class for leak prevention, reliability, and superior field performance.



CO₂-CVK Specifications

Exceptional Safety Margins

Our valves can hold five times their maximum working pressure, netting a tremendous safety margin for any ball valve used in CO₂ systems.

Quality Tested

Each valve is helium tested at the factory to guarantee leak-free performance.

Bottom-Up Stem Installation

Our stem placement is engineered from the bottom up. If there is an accidental over-pressurization in the valve, it will not blow the stem out and lose the charge.

Stainless Steel Body

The NDL CO₂ valves feature a stainless steel body for copper-alloy connections.

Size and Connections

A wide range of sizes and connection types makes our valves compatible with main pipe types manufactured from copper iron alloys and stainless steel.

Unparalleled Two-year Warranty

Our warranty proves confidence, along with stamping every valve with a serial number and cleanly packaging in a poly-bag to prevent contamination and malfunctions.



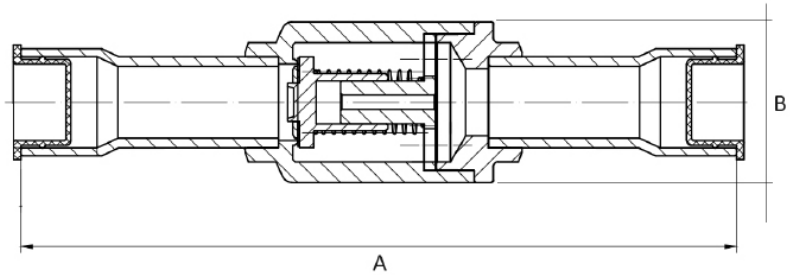
C194 Copper Check Valves

Operating Specifications

- Temperature: -40° to 302°F (-40°C to 150°C)
- Burst Pressure: 5 times the working pressure

Certifications and Approvals

- RoHS
- UL-listed
- CE-approved



CO₂-CVK Sizes, Ball Port Sizes, Kv/Cv, and Pressure Ratings

PART NUMBER	CONNECTIONS W	KV	CV	MAXIMUM OPERATING PRESSURE	
	IN	M3/H	GPM	BAR	PSI
CO2-CVK014	0.25"	2	2.3	140	2030
CO2-CVK038	0.375"	2	2.3	140	2030
CO2-CVK012	0.5"	2	2.3	140	2030
CO2-CVK058	0.625"	3.6	4.2	140	2030
CO2-CVK034	0.75"	3.6	4.2	140	2030
CO2-CVK078	0.875"	8.5	9.8	140	2030
CO2-CVK118	1.125"	19	22.0	140	2030
CO2-CVK138	1.375"	29	33.5	140	2030
CO2-CVK158	1.625"	38	43.9	140	2030



Explore our full line of high-quality HVAC-R, CO₂ Refrigeration, and Hydronic products.

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