



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 check 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.

Compact and Efficient Design

NDL CO₂ check valves feature a compact, streamlined design that minimizes flow resistance, ensuring optimal performance, energy efficiency, and easy installation.

Stainless Steel Body

The NDL CO₂ check 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.

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.



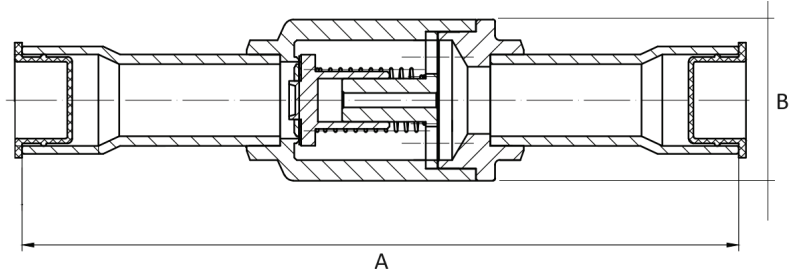
C194 Copper Check Valves

Operating Specifications

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

Certifications and Approvals

- CE
- RoHS



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

PART #	CONNECTIONS	KV	CV	MAX. OPERATING PRESSURE	
	IN	M3/H	GPM	BAR	PSI
CO2-CVK014	1/4"	2	2.3	140	2030
CO2-CVK038	3/8"	2	2.3	140	2030
CO2-CVK012	1/2"	2	2.3	140	2030
CO2-CVK058	5/8"	3.6	4.2	140	2030
CO2-CVK034	3/4"	3.6	4.2	140	2030
CO2-CVK078	7/8"	8.5	9.8	140	2030
CO2-CVK118	1-1/8"	19	22.0	140	2030
CO2-CVK138	1-3/8"	29	33.5	140	2030
CO2-CVK158	1-5/8"	-	-	140	2030

Spring minimum opening pressure differential – 4.3 psi / 0.3 bar



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