



# Refrigerant Compatibility Sheet

## CO<sub>2</sub> Valves

Refrigerants are categorized as HFC (Hydrofluorocarbon) for traditional synthetics, HFO (Hydrofluoroolefin) as low-GWP alternatives, HC (Hydrocarbon) for highly flammable options, and Natural Refrigerants like CO<sub>2</sub> and ammonia, which require specialized components. This guide outlines the compatibility of NDL CO<sub>2</sub> ball valves and check valves with these refrigerants, helping professionals choose the right valve for durable, efficient operation.

*Confirms that NDL CO<sub>2</sub> Valves are compatible with the following refrigerants:*

| TYPE      | REFRIGERANT |
|-----------|-------------|
| HFC       | R134A       |
|           | R32         |
|           | R404A       |
|           | R407C       |
|           | R410A       |
|           | R507        |
| HFO       | R1234yf     |
|           | R1234ze     |
| HFO + HFC | R448A       |
|           | R449A       |
|           | R450A       |
|           | R452A       |
|           | R452B       |
|           | R454B       |
|           | R454C       |
|           | R455A       |
|           | R513A       |
|           | R515A       |
|           | R515B       |
| Natural   | R744        |
|           | R717        |

