



## Features

- Efficiency increase of 15-30% possible (compared to a booster system with flash gas bypass)
- Lower compressor capacity required (smaller or less compressors)
- Individually adaptable to each application and each capacity
- Air conditioning and / or heat pump evaporator can be integrated
- Extended running time of the parallel compressor even at low outside temperatures
- High reliability (no moving or rotating components)
- Short payback time (depending on system size)

**c-Ejector** is used to increase the efficiency in CO<sub>2</sub> booster systems. In connection with a high-pressure valve, three different types of gas and two types of liquid ejectors can be combined.

## Technical data

- **Refrigerant:** R744
- **Max. operating pressure:** 120 bar
- **Tested according to AD 2000:** 1.1 x 120 bar
- **Temperature of medium:** -50°C ... +150°C
- **Ambient temperature:** -10°C ... +50°C
- **Material:** stainless steel 1.4301
- **Weight:** 1,3 kg

## Configuration

The **c-Ejector** can be combined from the various ejector types as required. The mass flow through the gas cooler determines the size. The pressure difference between the medium pressure and the suction pressure of MT stage determines the entrained mass flow.

	Type	Nominal mass flow motive nozzle [kg/h] @ 90 bar & 35°C
Gas ejector	GEW2	250
	GEW4	500
	GEW8	1000
Fluid ejector	FEW1	125
	FEW2	250