



# PCO2

# UPGRADE

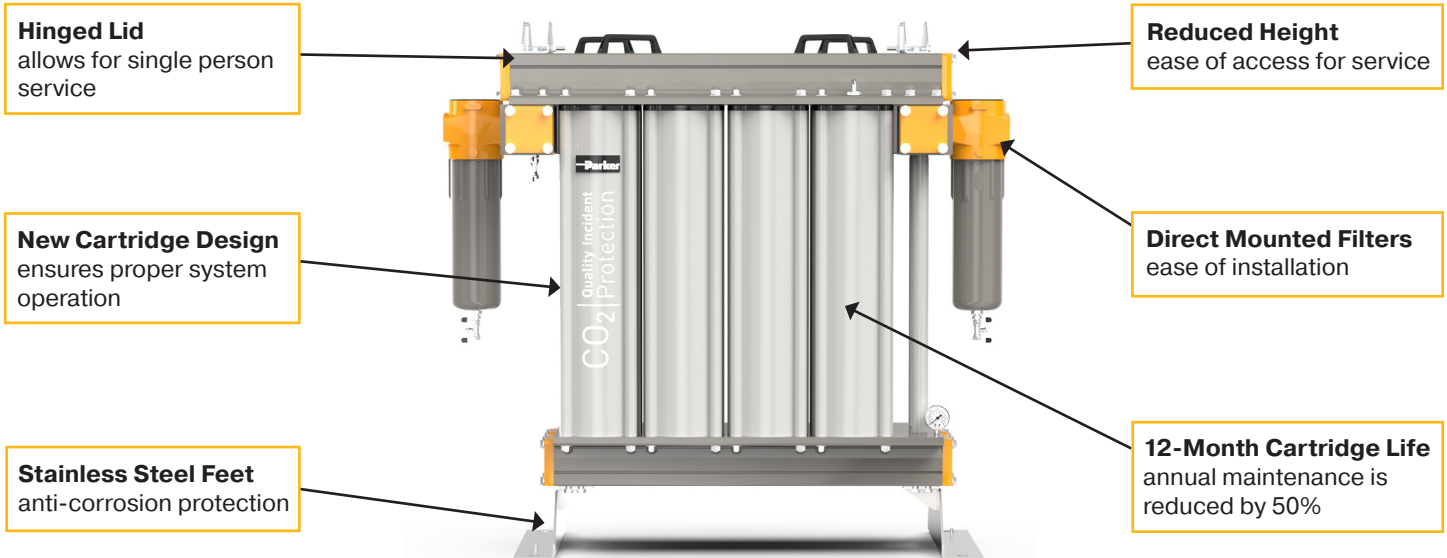
## General PCO2 Information

Parker Hannifin manufactures carbon dioxide incident protection systems for the beverage industry, it is designed to act as a Quality Incident Protection Device. The next generation product has been redesigned to include new features and benefits for the customer, while delivering the same high-quality CO2 to the process. We are pleased to introduce the next generation Mark II PCO2 system.

## What is the PCO2 Upgrade Program?

For a limited time, Parker is offering users of 1st generation PCO2 systems the chance to upgrade to the Mark II PCO2 at a discounted price. The premise of the upgrade program is to allow an existing user to purchase a brand-new Mark II system at the same price of an annual maintenance kit for an existing Mark 1 system.

## New Features / Customer Benefits



## Why should I upgrade to the Mark II PCO2?

Reduction in maintenance frequency

**2 TO 1**  
TIMES

Reduction in downtime

**2 TO 1**  
HOURS

Savings in labor

**2 TO 1**  
PEOPLE

TOTALING **50%** IN SAVINGS

LESS PROCUREMENT

The Mark II PCO2 system will provide a reduced cost of ownership of 30% over a ten-year operational period through reduced aftermarket procurement. Subsequently, both third party maintenance labor costs and production downtime are reduced offering potential cost savings up to 50% compared to Mark 1 PCO2 Systems.



ENGINEERING YOUR SUCCESS.

## PCO2 Technical Data

PCO2 Models	Max. Operating Pressure (psig / barg)	Min. Operating Temperature (°F / °C)	Min. Operating Temperature (°F / °C)	Inlet CO2 Quality
PCO2-400	300 / 20.7	-4 / -20	104 / 40	ISBT beverage grade CO2
PCO2-800 to 4800	350 / 24.1			

PCO2 Systems are designed for use with gaseous CO2 only

## PCO2 Upgrade Part Numbers

Upgrade Part Number	Flow Rate @ Max. Operating Pressure (24.1 Bar / 350 psi)	Quantity Required	Number of Cartridges
PCO2-400-UPGRADE	400 Lb/Hr / 181 Kg/Hr	1	1
PCO2-800-UPGRADE	800 Lb/Hr / 363 Kg/Hr	1	2
PCO2-1600-UPGRADE	1600 Lb/Hr / 726 Kg/Hr	1	4
PCO2-2400-UPGRADE	2400 Lb/Hr / 1089 Kg/Hr	1	6
PCO2-3200-UPGRADE	3200 Lb/Hr / 1451 Kg/Hr	1	8
PCO2-4000-UPGRADE	4000 Lb/Hr / 1814 Kg/Hr	1	10
PCO2-4800-UPGRADE	4800 Lb/Hr / 2177 Kg/Hr	1	12
PCO2-3200-DUPLEX-UPGRADE	6400 Lb/Hr / 2902 Kg/Hr	2	16 (8 per unit)
PCO2-4000-DUPLEX-UPGRADE	8000 Lb/Hr / 3628 Kg/Hr	2	20 (10 per unit)
PCO2-4800-DUPLEX-UPGRADE	9600 Lb/Hr / 4354 Kg/Hr	2	24 (12 per unit)

- All systems are rated at maximum operating pressure of 24.1 Bar g / 350 psi g, with exception to PCO2-400 rated at 20.7 Bar g / 300 psi g.
- For flows at lower operating pressures contact Parker for assistance with sizing.

## Typical Field Installation: Mark II PCO2

