

PCO2

Carbon Dioxide Polishing Systems

for the sparkling beverage industry -
production plant



PCO2 carbon dioxide polishing systems from Parker domnick hunter offer a comprehensive solution to preserve and guarantee the quality of gaseous carbon dioxide used in sparkling beverage bottling.

Using multi-layer gas polishing technology, the PCO2 range includes Midi PCO2 for fountain / post mix and Mini PCO2 for beer dispense applications in addition to larger systems designed for production plant equipment.

Operating as a vapor 'polisher' to remove a wide range of potential carbon dioxide impurities, the system guarantees the gas quality so it remains within industry and company guidelines, preventing detrimental consequences to the finished end beverage, producers reputation and their bottom-line.

PCO2 is the beverage industry preferred choice and is installed in over 150 countries worldwide.



Contact Information:

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Features:

- **Comprehensive six stage polishing technology**
- **Simple installation**
- **Compact design**
- **Low maintenance**
- **Low pressure drop**
- **Meets ISO9001:2000 standards**
- **Materials of construction independent verifications to comply with FDA Code of Federal Regulations title 21 CFR**

Benefits:

- **Carbon dioxide quality guaranteed**
Effective in removing a combination of potential impurities and contaminants
- **Protection against impurities known to create beverage flavor defects**
Helps avoid product spoilage and protects bottlers reputation
- **Ensures carbon dioxide meets industry and company specifications and guidelines**
Polishes 'out of specification' gas back within beverage quality guidelines
- **International sales and service support**
Over 20 years experience. Purecare™ preventative maintenance option available



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Product Selection

Data is based on 300 psi g, (20.7 bar g). For flow rates at other pressures, please contact Parker domnick hunter.

Model	Flow Rate	
	Lb/h	Kg/h
PCO2-0-350	330	150
PCO2-1-350	661	300
PCO2-2-350	1322	600
PCO2-3-350	1980	900

Model	Flow Rate	
	Lb/h	Kg/h
PCO2-4000-350	4000	1814
PCO2-6000-350	6000	2722
PCO2-8000-350	8000	3629
PCO2-10000-350	10000	4537

Technical Data

	Unit	PCO2	MPlus PCO2
Max. Operating Pressure	psi g bar g	350 (300 optional)* 24.1 (20.7 optional)	350 (300 optional)* 24.1 (20.7 optional)
Min. Operating Temperature	°F °C	-4 -20	-4 -20
Max. Operating Temperature	°F °C	104 40	104 40
Inlet CO ₂ Quality*		ISBT beverage grade CO ₂	

*To order an optional 300 psi g unit, change suffix to -300. (ie PCO2-0-300)

PCO2 CO₂ polishers are for gaseous CO₂ only

Weights and Dimensions

Model	Polisher Connections	Height (H)		Width (W)		Depth (D)		Clearance*		Weight	
		ins	mm	ins	mm	ins	mm	ins	mm	lbs	kg
PCO2-0-350	1" NPT	24.2	615	9.8	250	12.7	322	20.0	510	70	32
PCO2-1-350	1" NPT	24.5	621	9.8	250	18.3	464	20.0	510	106	48
PCO2-2-350	1" NPT	24.5	621	9.8	250	31.0	788	20.0	510	203	92
PCO2-3-350	1" NPT	24.5	621	9.8	250	43.8	1113	20.0	510	287	130
PCO2-4000-350	2" NPT†	54.7	1390	17.7	450	29.2	741	45.5	1155	596	270
PCO2-6000-350	2" NPT†	54.7	1390	17.7	450	35.8	910	45.5	1155	768	348
PCO2-8000-350	2 1/2" NPT†	54.7	1390	17.7	450	42.5	1079	45.5	1155	955	434
PCO2-10000-350	3" NPT†	54.7	1390	17.7	450	50.0	1270	45.5	1155	1140	518

350 psi g (†24.1 bar g versions all 2" connections)

*Clearance required for the removal and servicing of cartridges.

Also available, Midi PCO2 and Mini PCO2 for fountain / post mix and beer dispense respectively.

For information on extended warranty and preventative maintenance contract availability, please contact your local sales office or visit www.parker.com/faf.

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