

# CartReg®

In-line pre-set regulator for air blow guns and pneumatic tools.



The CartReg® pre-set miniature is installed in the compressed air supply line. It is designed to meet OSHA (Occupational Safety & Health administration, USA) and other safety agency requirements for 2 bar/30 psig maximum pressure for pneumatic air guns.

The CartReg® can easily be threaded into any ¼» air blow gun and pneumatic tool and is an economical means to maintain the ideal pressure requirements.



# CartReg<sup>®</sup>

## In-line pre-set regulator for air blow guns and pneumatic tools.

### Product Benefits:

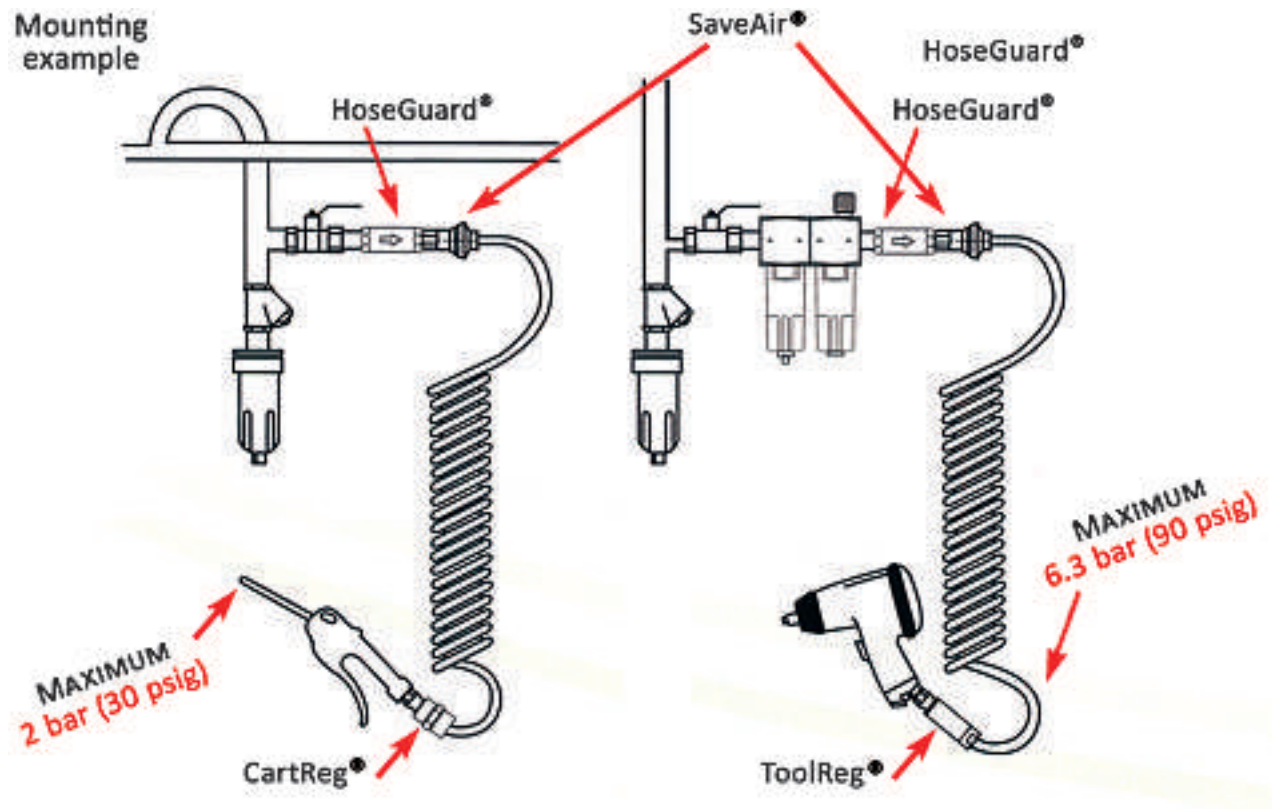
- Safety: protects personnel, machinery and plant by avoiding pressure surges
- Ensures optimal air tool efficiency by supplying a constant pre-set pressure
- Prevents compressed air waste limits excessive compressed air consumption = reducing energy costs
- Easy assembly: can be integrated into any ¼» pneumatic tool
- High-pressure performance (P1= inlet pressure up to 12 bar/174 psig Saves energy – reduces costs
- High flow performance (up to 350 Ltrs./ Min -12,5 scfm)

- Lightweight (14 g) and compact (Hexagon 14 mm, length 24 mm)
- Locked to prevent pressure change – tamper proof
- Competitively priced
- Increases tool service life

### Applications:

- Pneumatic air guns
- Pneumatic tools
- Pick and place units in automatic assembly systems

### Installation example:



# Technical Data and Ordering Information



## CartReg® – Miniature – In-Line pre set regulator

**Installation:** The regulator ensures that a constant pressure is always maintained, despite the normal pressure fluctuations in a system. The regulator is intended for use with compressed air or neutral gases. The CartReg® must be mounted directly on the pneumatic blow gun or tool in order to ensure correct pressure, so that possible pressure drops in hoses, tubes etc. do not influence the pressure on the tool it self.

Thread Connection	Outlet Pressure	Tolerances* (at 10 ltrs. Min)	Flow Ltrs./min - scfm (Pe = 12bar/174 psig Δp:0,5 bar / 7 psig)	Dimensions (mm)		Weight Gram	Maximum Inlet Pressure	Temperature Range	Material	Order Code
				A	Across Flat					
<b>BSP</b>										
<b>1/4 BSP CartReg male-male</b>										
1/4	2 bar	+/- 0,6 bar (Pe 6 bar)	350 / 12.5	24 mm	14 mm	16	12 bar 174 psig	- 20 °C to + 60°C (-4°F to 140°F)	Housing: Brass other parts: Steel, Stainless Steel, NBR,	233G0220
1/4	4 bar	+/- 0,8 bar (Pe 6 bar)								233G0240
1/4	6 bar	+/- 1 bar (Pe 10 bar)								233G0260
<b>NPT</b>										
<b>1/4" NPT CartReg male-male</b>										
1/4"	2 bar / 30 psig	+/- 8,7 psig (Pe 87 psig)	350 / 12.5	28 mm	14 mm	18	12 bar 174 psig	- 20 °C to + 60°C (-4°F to 140°F)	Housing: Brass other parts: Steel, Stainless Steel, NBR,	233S1230
1/4"	4 bar / 60 psig	+/- 11,6 psig (Pe 87 psig)								233S1260
1/4"	6 bar / 90 psig	+/- 14,5 psig (Pe 145 psig)								233S1290
<b>On request: Other pre-set pressures</b>										

\* Tolerances Test medium: Air, 10 NI/Min / 0.35 scfm

