

SaveAir®

Mini Size – Maxi Benefits

CUBEAIR

– In-Line pre-set energy saving
miniature regulator –



In-Line regulator: The right pressure at the right place!

You too know the problem of increasing energy costs.....

SaveAir® prevents “dynamic pressure waste”. This arises when the pressure and throughput at the withdrawal point are unnecessarily higher than those specified by the manufacturer to achieve the desired function.

“Dynamic pressure waste” is extremely costly, a waste of energy that may be found throughout industry. Did you know, for example, that the expense for energy amounts to 80-90 % of the cost required to produce compressed air, and that every bar of excess pressure essentially wastes 10 % of this energy? And that energy consumption by producing 1 cbm (1,000 litres; 35.3 cubic feet) of air is 0.2 kWh?

Highlights:

- ✓ Supplies tools exclusively with the specified pressure
- ✓ No pressure gauge needed
- ✓ Combats compressed air waste
- ✓ Saves energy – reduces costs
- ✓ Highly reliable
- ✓ Locked to prevent pressure change
- ✓ Small and compact
- ✓ Increases tool service life

Applications:

Piping and compressed air systems, compressed air used in automation for actuation, control, feeding or transportation



SaveAir®: reduces your energy expenses !

SaveAir® – In-Line pre-set pressure regulator 1/4"



The SaveAir® regulator is an independent diaphragm regulator that can be installed in every compressed air system. It supplies a constant, exact outlet pressure regardless of the input pressure. The pressure is factory-set and cannot be changed. This ensures that nobody can alter the specified pressure.

SaveAir® should be installed directly before the tool in order to supply it with the correct pressure. This ensures that the tool will not be exposed to the higher supply system pressure, and furthermore protects it against pressure variations in hoses and tubes.

SAVEAIR®

| Point 1: | Thread type |
|----------|-------------|
| | 0 BSP |
| | 1 NPT |

| Point 2: | Pre-set pressure |
|----------|----------------------------------|
| | 10 1 Bar |
| | 15 1,5 Bar |
| | 20 2 Bar |
| | 25 2,5 Bar |
| | 30 3 Bar |
| | 35 3,5 Bar |
| | 40 4 Bar |
| | 50 5 Bar |
| | 60 6 Bar |
| | 65 6,5 Bar |
| | 70 7 Bar |
| | 75 7,5 Bar |
| | 80 8 Bar |
| | other pressure ranges on request |

Ordering information: 2 3 1 A _ 2 _
no thread

| Thread: | Dimensions (mm) | | |
|---------|-----------------|--------|--------------|
| BSP/NPT | A | L | NVB |
| | Diameter | Length | Across flats |
| 1/4" | 34 | 52 | 17 |

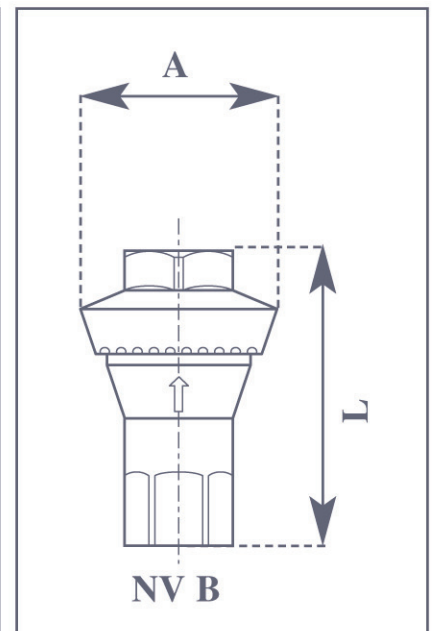
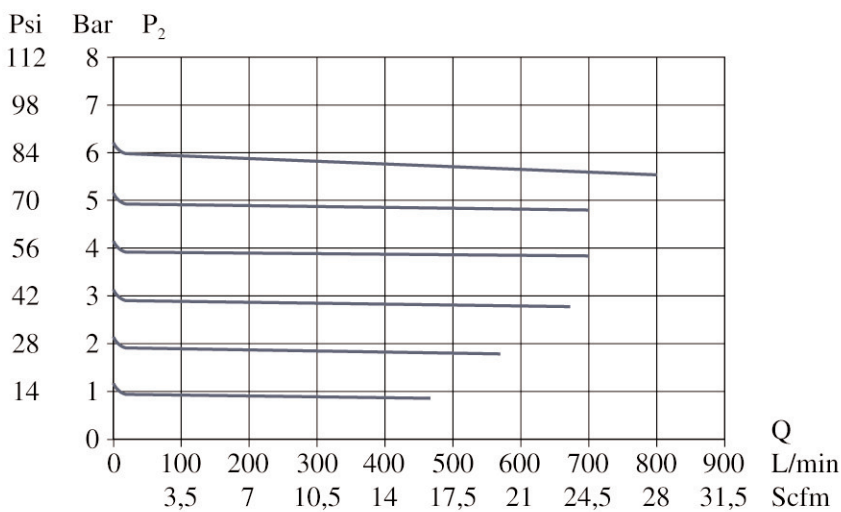
Technical data:

| | |
|--------------------------------|-----------------------|
| Max. pressure: | 18 Bar |
| Temperature range: | 0 - 60° C |
| Variation in pre-set pressure: | |
| | 1 - 3 Bar +/- 0,3 Bar |
| | 4 - 8 Bar +/- 10% |
| Weight: | 82 gr. |

Material:

| | |
|----------------------|--|
| Housing: | Zinc |
| Miscellaneous parts: | Brass, Nitrile Rubber, Stainless Steel |

Pressure loss curve for SaveAir® In-Line pre-set regulator



Professional partner