

# AIRFILTER/REDUCER



**Airfilter Reducer type FR64**

**REGULATORS FILTER-REGULATORS FOR INSTRUMENTS AIR SUPPLY**

The series here described, are designed for air supply of pneumatic instruments, offers excellent performance, easy mounting and guarantees years of trouble-free operation.

**General****Regulator Unit****Materials**

Body and upper cover : die cast aluminium AL UNI 4514 epossidic painted (RAL 7000).

Diaphragm : nitrilic rubber.

Drain valve : AISI 303.

Control valve spring : stainless steel.

Range spring : carbon steel.

Note: there are no copper (pure or in alloy in the other materials used).

**Regulation**

By knob or hexagonal head screw.

**Connections**

Air connections : 1/4" NPT f.

Output gauge connection : 1/8" NPT f.

**SPECIFICATIONS**

Max supply pressure : 18 bar (250 psi).

Filter-regulator output pressure range : between 0,35 and 7 bar (5 an 101 psi).

Regulator output pressure range : between 0,35 and 2,5 bar (5/35 psi)

Effect of supply pressure variation : 0,35 mbar/bar (0,005 psi/psi).

**Environment conditions**

Storage temperature : -20 - +90°C.

Operating temperature : -20 - +80°C.

Humidity : 5 - 95%.

**Weights:** base regulator 0,4Kg; basefilter-regulator 0,5Kg;valve 0,150 kg

**FILTER UNIT****Materials**

Filter housing : die cast aluminum painted

Filter element: : AISI 303/304.

**Filtration grade** : 10 micron, standard.

**Impurities blow-out** : by petcock.

## MOUNTING

Regulators : pipe, panel, wall by bracket  
 Filter-regulators : pipe, wall by bracket.

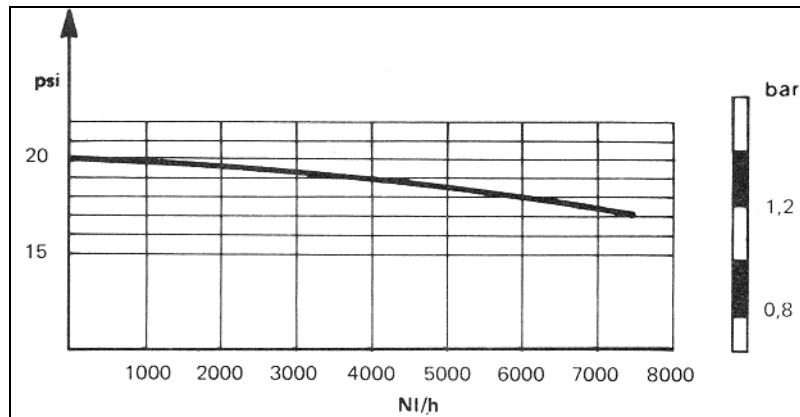


Diagram "flow-output pressure" at the supply pressure of 4 bar 60 psi

## Dimension Drawing

