COMPRESSED AIR FILTER WITH REGULATOR

Model UZRRM4/7

1 – Stream regulator
2 – Main structure
3 – Filter

TECHNICAL FEATURES	
Max pressure	16 bar
Working temperature	0÷ +50°C (by dry air -10°C)
Fluid	Compressed air, filtered, lubricate or not
Working connections	G 1/4
Manometer connection	G 1/8
Working range (bar)	0.8 ÷ 9
Mounting	Modular
Fixing screws	M4x50 UNI 5931

Pic. A Pic. B

Pic. C

ATTENTION!

The stream regulator installed on the vacuum lifter has been registered from an ATA technician, to obtain the best efficiency of the pump (the vacuum pump works properly at 4÷5 bar pressure). The adjustment has been done considering to connect on a 7÷8 bar air system.
If you have to replace this filter, you must do a new stream calibration using the regulator (1).
In this case it's important do pay attention on the stream flow direction. This is indicated with an arrow on the Aluminium structure of the filter.

STREAM CALIBRATION

It's possible to increase or decrease the air pressure by pulling up and rotate the knob (pic. A-C).
It's advisable to start the calibration with the regulator positioned on minimum (rotate the knob completely anticlockwise).
Now place the vacuum lifter on a slab and put it on hold position by placing the ON-OFF valve in ON position, then open the air entry faucet. Increase gradually the air pressure (stream) rotating the knob clockwise (fig. C) till the pump reaches the properly working pressure (4÷5 bar). Checking the vacuometer and hearing the noise coming out from the pump, is possible to know when it reaches the right working pressure: the noise will decrease a lot when it reaches a good working pressure. When the vacuometer goes over 60 cm/Hg the pump can exceed the right value of pressure, so the noise becomes stronger. In this case rotate the knob anticlockwise (Pic. C) till the pump becomes silent.
When the correct settings are reached, it's important to pull down the knob of the regulator in the original position (Pic. B).