INSTRUCTION MANUAL FOR COMPRESSORS MGF BABY 6/30 and 6/50

1) GENERAL INFORMATION

- Compressor to be used only in dry atmosphere protected against moisture and water.
- In case flammable products are sprayed using compressed air from your compressor : ensure proper ventilation of the workingarea.
- Do NOT alter safety valve (8) - or pressure regulatorsettings (inside black box (0)) to avoid dangerous workingconditions.
- In case of abnormal noise, overheating or fumes : pull mains out immediately.
- Repairs : should be done by qualified personnel only or contact Ideefiks vzw
- Prior to repair or maintenance : depressurise the compressor – by means of (4) - and disconnect from mains.
- This compressor is suited for 230 V and 50 Hz. (not for use in USA) and should be connected to an earthed electrical outlet.

2) TRANSPORT

New compressor picked-up at Ideefiks vzw – Obeeliks E-Shop :

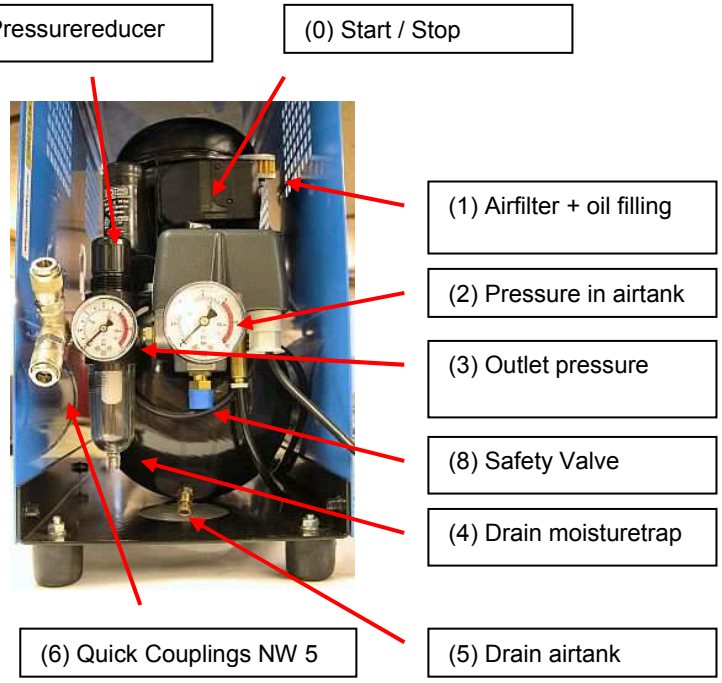
- The compressor is filled with the right amount of oil
- The combined oil/airinlet (1) on the compressorhousing is closed by means of a PVC stopper.
- The air-inletfilter (1) is packed in a plastic bag and attached to the oil/airinlet (frontside of compressorhousing)
- Compressormotorblock is blocked for transport with cardboard strips between motor and casing.
- In this described condition the compressor can be transported in a safe way.

New compressor shipped to you by Ideefiks vzw – Obeeliks E-Shop :

- The compressor is NOT filled with oil. Oil is contained in the package.
- The combined oil/airinlet (1) on the compressorhousing is closed by means of a PVC stopper.
- The air-inletfilter (1) is packed in a plastic bag and attached to the oil/airinlet (frontside of compressorhousing)
- Compressormotorblock is blocked for transport with cardboard strips between motor and casing.
- The compressed air outletconnectors (6) on the pressureregulator + manometer (3) are dismounted / unscrewed and packed separately.
- In this described condition the compressor can be transported or shipped in a safe way.

Transport of your compressor :

- Remove the air-inletfilter (1)
- Close off the combined oil/airinlet (1) on the compressormotorblock with the PVC stopper ; this will avoid any spill of oil.
- Keep the compressor in an upright position.
- In this described condition the compressor can be transported in a safe way.
- For extra safety the motorblock can be blocked by means of cardboard strips to be placed between motor and housing.

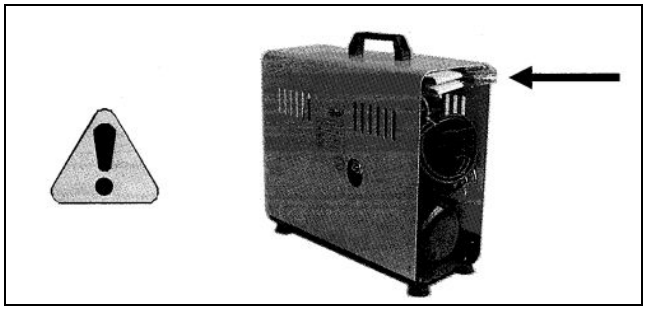


3) FIRST START-UP

New compressor picked-up at Ideefiks vzw – Obeeliks E-Shop :

- Replace the PVC stopper on the combined oil / airinlet (1) on the compressormotorblock by the air-inletfilter.

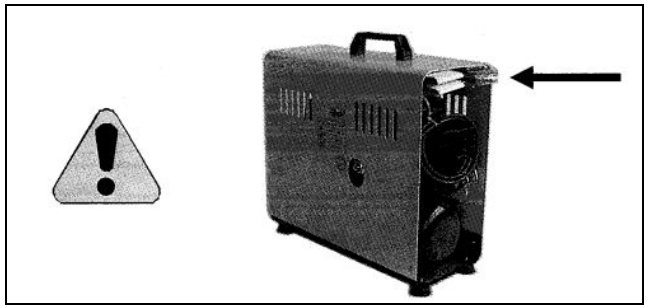
- Remove cardboard between motorblock and housing.



- Check oillevel in sidemounted sightglass (level should be somewhat above red mark)
- The compressor can be started now (see section START / CONTROL of COMPRESSOR)

New compressor shipped to you by Ideefiks vzw – Obeeliks E-Shop :

- Remove cardboard between motorblock and housing.



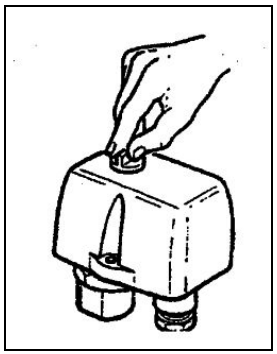
- Remove the PVC stopper on the combined oil / airinlet (1) on the compressormotorblock
- Remove the blue compressorcasing (6 screw outside)
- Fill-up the compressor with the compressoroil using the supplied funnel that can be screwed onto the oilbottle. Please empty the whole content of the bottle into the compressorcarter ; as a result the oillevel will show up somewhat above the red halfway mark on the sidemounted sightglass.
- Place the airfilter (1) on the oil/airinlettube with a turning movement. Press lightly.

- Screw the quick connectors (6) into the pressureregulator-outlet followed by the manometer (3)

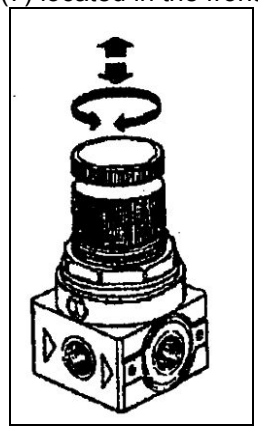
- The compressor can be started now (see section START / CONTROL of COMPRESSOR)

3) START / CONTROL OF COMPRESSOR / STOP

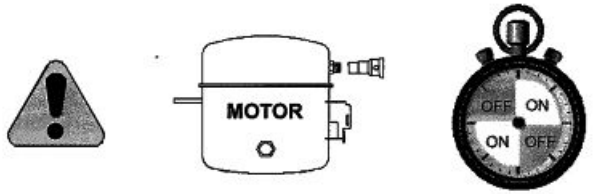
- Start the compressor by moving the switch located on the black pressureswitchbox (0) to position I



- De compressormotor starts up and will build up pressure. The pressure in the airtank can be monitored on the manometer (2) next to the black pressureswitchbox.
- The pressure in the tank will build up till 8 bar followed by an automatic stop of the motor.
- Whenever the pressure drops below 6 bar the compressor will start automatically and will run till the max pressure is reached again.
- Airoutletpressure can be regulated with the manual pressureregulator (7) located in the front of the compressor.



- Pull the notched knob of the pressureregulator upward.
- Turning it clockwise will INCREASE the outletpressure, counterclockwise will DECREASE the pressure
- Control the pressure – for airbrushuse – to 2 – 2.2 bar.
- Plug the airbrush airhose in the quick couplingconnector of the pressureregulator and depress the airbrushtrigger to spray some air. Control the compressoroutletpressure again and adjust – if necessary - to 2 – 2.2 bar. Press the notched knob downward (clicks) to lock this setting.
- The compressormotor can run – in normal use - for MAX 15 minutes. Respect this in order not to overheat the motor ; adapt air-usage if necessary in order to allow a regular automatic start/stop (and cooling-off) of the motor. With cycli of 15 minutes ON and 15 minutes OFF it is possible to work on a continuous basis.



MAX 15 min ON / 15 min OFF

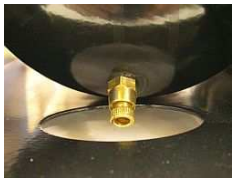
4) MAINTENANCE

- The compressor is protected in the following way :

  - against overheating : automatic switch-off of the motor : in this event pull out the mainsplugs and allow the motor to cool down for +- 1 hour. Remove cause of overheating before retrying to start-up the compressor. Possible causes of overheating : blocked air-inletfilter (dirty) , too high air-usage exceeding the 15 minutes allowable runtime of the motor.

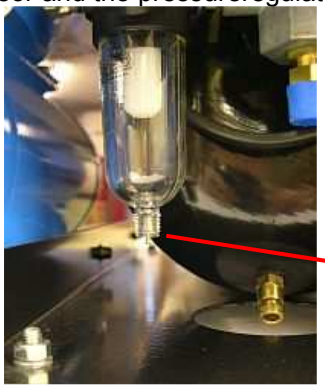
- against overpressure : safetyvalve (8) on airtank will blow if required. Caused by : defective pressureswitch, deregulation of pressureswitch causing the compressor to build up pressure higher than 8 bar.

- Air inletfilter (1) : inletopening of filter (side) should show a YELLOW colour. Whenever it turns black by dustaccumulation it is time to clean the filtermaterial contained inside the filter with a dry soft brush. Replace the filter if dirt can no longer be removed.
- Oil : requires no maintenance. Regular control of oillevel is necessary. Normally this level will never drop below its initial value. Only when compressor has been overheated some oil may have been entrained by the compressed air and will end up in the airtank. (see next point). All oil can be drained from the motorblock by unscrewing the sightglass.
- Monthly drainage of the airtank is necessary : drain the airtank by unscrewing the brass drainvalve (5) on the front bottomside of the airtank. It is advisable to do this when the pressure on the tank is moderate to low (otherwise the drained liquid will spill / spurt around) The drained liquid is condensed water (out of the compressed air) and can have a slightly rusty colour. When oil is detected on the surface of the drained water it means that the compressor has been overheated for some time and future airusage should be lowered.



- Drainage of manaul pressureregulator (4) : only necessary when waterdroplets are visible in the transparant plastic bowl. Drain the bowl at moderate pressure by pushing the small pin at the bottom upward letting escape air + moisture. Use this procedure to depressurize your compressor before longer periods of inactivity (> 24 hours).

- Should any oil end up in the transparant plastic bowl of the pressureregulator the WHITE filterlement has to be replaced. Counterclock turn the bowl and pull it out of the pressureregulator to access the filterelement. This should be done with NO pressure on the compressor and the pressureregulator !



5) SPARE PARTS

- All MGF parts and oil are available from www.obeeliks.com

6) WARRANTY

- 2 years starting on date of purchase.

- Date of purchase :

Ideefiks vzw – Obeeliks E-Shop
Tolstraat 73
2000 Antwerpen
België

MGF producten en onderdelen : www.obeeliks.com

Translation + adaptation J.Lermytte Ideefiks vzw 14.12.2005

Compressore professionale Baby 6/30

Baby 6/30

a/A = Lunghezza
b/B = Altezza
c/C = Larghezza

Non imballato			Imballato		
a	b	c	A	B	C
450	200	500	500	230	530

MODELLO MODEL	CODICE CODE	LT/MIN* CFM	LT/MIN CFM	LT GAL	BAR PSI	KW KW	HP HP	VOLT/HZ VOLT/HZ	dB/1m dB/40 INCH	KG LB	KG LB
Baby 6/30	S-BA030-006	- -	30 1.08	6 1.58	8 114	0.18	0.25	230-240/50 110/60	40	12 26	14 30

(*) 5 bar (70 PSI)

Compressore professionale compatto

Compresore Professionale Baby 6/50

Baby 6/50

a/A = Lunghezza
b/B = Altezza
c/C = Larghezza

Non imballato			Imballato		
a	b	c	A	B	C
450	200	500	500	230	530

MODELLO MODEL	CODICE CODE	LT/MIN* CFM	LT/MIN CFM	LT GAL	BAR PSI	KW KW	HP HP	VOLT/HZ VOLT/HZ	dB/1m dB/40 INCH	KG LB	KG LB
Baby 6/50	S-BA050-006	- -	50 2.15	6 1.58	8 114	0.37	0.50	230-240/50 110/60	40	12 26	14 30

(*) 5 bar (70 PSI)

Compressore compatto portatile professionale