OIL-FREE COMPRESSORS
MONTHLY ROUTINE MAINTENANCE

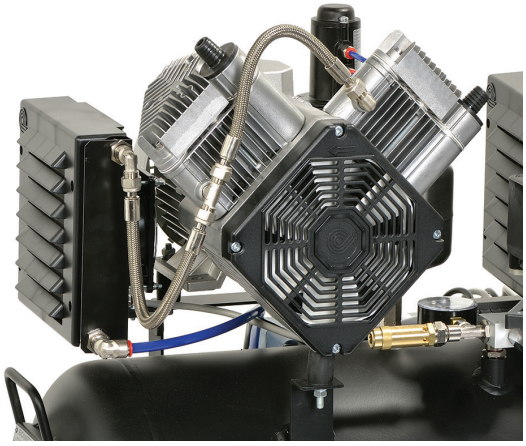
Monthly maintenance must be carried out by specially instructed surgery staff

- Always refer to the operator's handbook before carrying out any work
- Manuals are available on the website www.cattaniesam.it
- We recommend their consultation especially for updates about safety
- Prior to carrying out any servicing operation make sure to wear disposable gloves, goggles, a mask and overalls
- Disconnect the appliance from the power
- Keep the plant room free from flammable and corrosive mixtures

CHECK

1) Check room temperature (it must range between +5 and +40°C).

2) Check that the ventilators are functioning correctly.



3) Check that the purged air from the small reservoir regenerates the silica gel and drains the moisture off each time the compressor stops

Annual maintenance must be carried out by a trained engineer in possession of original spare parts

HOW IS IT WE LEAD IN OUR FIELD, WHEN WE COST LESS THAN THE ALTERNATIVES? THIS IS HOW:
Constant research: this lets us apply the latest technology in all of our products and solutions.
We enhance performance: electronic and information technology allow us to increase the performance and reliability of our products.
We reduce costs: less maintenance and energy costs mean on a cost-benefit analysis we are always the most economical.
We reduce environmental impact: we save 50% of primary materials, and allow you to save between 30% and 50% of electrical consumption.

CATTANI AIR TECHNOLOGY UK

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OIL-FREE COMPRESSORS
ANNUAL ROUTINE MAINTENANCE

Annual maintenance must be carried out by a trained engineer in possession of original spare parts

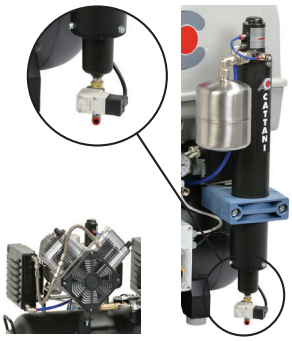
- Always refer to the operator's handbook before carrying out any work
- Manuals are available on the website www.cattaniesam.it
- We recommend their consultation especially for updates about safety
- Prior to carrying out any servicing operation make sure to wear disposable gloves, goggles, a mask and overalls
- Disconnect the appliance from the power
- Keep the plant room free from flammable and corrosive mixtures

CHECK

1) Check that the drying column and moisture drainage electrovalve are functioning correctly.

2) Check the intercooler fans are functioning correctly.

3) Check the system for air leaks



4) Verify the charging time (from 6 to 8 bar = 45-50 sec.)

5) Open the drain screw at the bottom of the reservoir tank. Ensure that only dry air is being expelled, then close the drain screw.

CHECK AND REPLACE

1) In clean air environments*, clean the air intake filter with compressed air - replace every 12 months.

*In dusty environments, clean and replace the filters more often, according to the situation, or resite the compressor to a more suitable environment.

2) Check the rubber mounts on the compressor head(s) to ensure they have not deteriorated.

3) If fitted, the absolute filter can be sterilized up to 20 times in a 12 month period by autoclave at 135°C - replace every 12 months.

CHECK SERVICING REQUIREMENTS

The following servicing requirements should ONLY be carried out by a trained engineer.

SERV-AIR1-A for 1 cylinder compressor
SERV-AIR2-A for 2 cylinder compressor
SERV-AIR3-A for 3 cylinder compressor

Replace filter for air intake and drying column. Replace capacitor.

SERV-AIR1-B for 1 cylinder compressor
SERV-AIR2-B for 2 cylinder compressor
SERV-AIR3-B for 3 cylinder compressor

Replace drying column kit.
Replace filter for air intake and drying column. Replace capacitor.

Annual maintenance must be carried out by a trained engineer in possession of original spare parts

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