MAINTENANCE

Draining the Air Tank & Water Filter

The frequency at which you should drain the air tank and air filter depends on the environmental conditions and the amount of operating time logged. The average draining frequency is every 2 to 3 days.

1. Place the air compressor above a container capable of holding water.
2. With the compressed air in the air tank, slowly turn the drain valve knob counterclockwise. The water in the air tank will drain out.
3. After all of the accumulated water has drained out, turn the drain valve knob clockwise until it is tight, in order to avoid leakage.

Changing the Air Filter

The air filter is designed to reduce noise and help prevent particulates in the air from entering and damaging the air compressor.

After being used for a period of time, the air filter will become clogged. This will reduce the air intake capabilities of the air compressor, reducing performance. Therefore, the air filter must be replaced regularly.

1. Open the lid on the air filter, then remove the old filter.
2. Replace it with a new filter, then close the lid.

Testing for Leaks

Make sure all connections are tight. Do not overtighten.

A small leak in any hose or pipe connection will reduce the air compressor's performance.

To test for small leaks, spray a small amount of soapy water on the area suspected of leaking. If the soap bubbles, replace the broken part.

Cleaning

Clean items with a soft brush, or wipe with a moistened cloth using a biodegradable solvent.

Do not use flammable liquids such as gasoline or alcohol. Always keep parts clean from dirt and dust for better performance.

Air Drying Column - Desiccant

After 2000 hours of use the 13X Desiccant needs to be replaced. Unscrew the air drying column nuts and remove the column. Remove the old desiccant (disguard) and add new desiccant.

Adjusting the Pressure Switch

The pressure switch is used to control the automatic stop-and-start function of the air compressor, ensuring the correct pressure of the compressed air in the air tank is maintained.

If the pressure of the compressed air in the air tank is found not to be in the standard range set by the manufacturer, the pressure switch must be adjusted to correctly set the activation valve. (The pressure at which the compressor will stop running is 8 bar, and the pressure at which the air compressor will start running again is 6 bar.)

Adjust the pressure switch as follows:

1. Open the casing to access the pressure switch.
2. Adjust the setting screw for the maximum pressure. Turning the setting screw clockwise makes the activation pressure higher, so the pressure at which the air compressor stops running will be higher.
3. Adjust the setting screw for pressure difference. Turning the setting screw clockwise makes for a larger pressure difference, so the difference between the pressure at which the air compressor starts and the pressure at which the air compressor stops is larger.

STORAGE

Before storing for a prolonged period of time:

1. Turn off the power supply.
2. Disconnect the power cord from the power supply.
3. Pull the relief valve and release all the pressure from the air tank.
4. Clean the air compressor to remove all dirt and dust.
5. Cover the air compressor to protect the unit from dust and moisture.
6. Do not stack or store any items on top of or around the air compressor. Damage could occur.