

AIR COMPRESSOR

MODELS: 70, 71 AND 72

**INSTALLATION AND
OPERATING INSTRUCTIONS**

**AIR
TECHNIQUES
INC.**

INSTALLATION

Note: On 230 Volt Compressors the voltage supply must be checked at the outlet.

A minimum of 215 volts is required. If voltage at outlet is below 215 volts a step up transformer must be installed.

Order a # 67000 step up transformer from Air Techniques Inc.

Warranty is void without the proper voltage.

WIRE SIZE FOR THE POWER OUTLET

Model	70	71	72
Volts	115	115	230
Wire Size Ga.	12	10	12

1. Install the Compressor in a cool, clean, dry area.
2. The four (4) acorn nuts that secure the compressor to the tank should be loosened to about the top of the studs. Remove the wooden block between the compressor and the mounting plate.
3. The Compressor has a ½ “ F.P.T. valved outlet coming from the tank. Connect this outlet to the air system.
4. Oil must be added. It was drained from the Compressor prior to shipment.
Caution: Use only Air Techniques Oil # 60051. Other types of oil can cause problems.
One squeeze bottle of # 60051 oil is enclosed. Not all the oil will be needed at the start. Save the balance for future use.

- a. Remove the plastic cap from the side of the crankcase.
Slowly add oil to the top line on the oil indicator.

CAUTION: DO NOT OVER-OIL

- b. Shake the compressor to facilitate reading the oil level.
 - c. Replace the plastic cap on the crankcase
 - d. See information under LUBRICATION.
5. Check for proper voltage on the nameplate or line cord tag.
Connect the line cord to a suitable service outlet.

LUBRICATION

This is the only required maintenance. A new Compressor may require oil during the first 2 to 3 months. Recheck thereafter at 3 to 6 months intervals depending upon usage.

Caution – When the Compressor is running, the oil level may drop below the indicator and cannot be seen. This is normal, and does not necessarily mean the oil is low.

The oil should be checked only when the Compressor is idle, and has not been running for at least 30 minutes.

If the oil level is below the bottom indicator line, then add oil as described in paragraph 4 of Installation.

OPERATION

This Compressor is fully automatic and requires no adjustment.

The pressure switch is adjusted to turn the Compressor on when the pressure reaches a low of approximately 80 psig and, shut the Compressor off when the pressure reaches a high of approximately 100 psig. Do not change this setting.

Unless the Compressor tank is equipped with an automatic drain it must be manually drained regularly (approx. every 2 weeks of operation).

For automatic draining of the Compressor tank we recommend our Model 3800 D Dento-Drain.