



## Aba Daba Rents

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### DEHUMIDIFIERS – DRIZAIR 50 or 1200

#### LOCATING THE DEHUMIDIFIER

1. For maximum efficiency, operate in an enclosed area. Close all doors and windows to the outside tightly. Place unit where air can flow freely through the coils at the rear and grill in the front
2. When drying adjacent areas open doors and use Turbo Dryers to maintain good air movement.
3. Normally the dehumidifier should be positioned centrally in the room. If there is a particularly wet area, direct the air outlet grill towards that area.
4. This unit is normally used in rooms that are between 1,000 and 5,000 cubic feet. In smaller rooms, it will raise the temperature substantially.

#### OPERATING CONDITIONS

1. For best operations, maintain temperatures between 65 and 80 degrees F.
2. Frost on the coil is normal when the unit begins to operate and should disappear in an hour. It is also normal for frost to form on the coil if the room temperature is cool or the humidity is low.
3. The dehumidifier will remove large amounts of moisture when first turned on in a saturated environment and will continue to do so until the relative humidity has been reduced to the point where moisture damage will not occur. After this, considerably less will be removed.
4. The reduction in the amount of moisture being removed indicates that the dehumidifier is doing its job and that it is maintaining the relative humidity at its best level. The performance of the dehumidifier should be judged by the reduction of relative humidity, rather than by the amount of water being removed.

#### EXTRACTION RATES

Extraction rates vary with humidity and temperature. An electronic hygrometer will help in checking for proper operation. The chart has examples of extraction rates.

#### WATER REMOVAL CHART

<u>TEMP</u>	<u>RH</u>	<u>EXTRACTION</u>
60 F	60%	12 Pints
60 F	70%	20 Pints
70 F	60%	30 Pints
70 F	70%	40 Pints
80 F	60%	50 Pints
80 F	70%	57 Pints
80 F	80%	67 Pints
90 F	80%	73 Pints
100 F		This is Too High - Damage <b>May</b> Occur!

#### ELECTRICAL SUPPLY CONNECTIONS

This unit comes with a heavy-duty electrical cord. Use an 110v power supply. Extension cords must be heavy enough to deliver at least 8 amps. It is important that the voltage at the unit itself, is within a tolerance of 10% of the nominal rating. As the length of cable increases, the voltage available at the unit decreases. As a guide to maximum electric extension cord lengths: 16 AGW for up to 15 ft.; 14 AGW for up to 30 ft.; 12 AGW for up to 60 ft. If there is any doubt about available voltage, the voltage should be tested at the unit on compressor start-up. If there is a 'dip' of more than 10% from the nominal supply rating, then action should be taken to improve the supply. Under no circumstances should the unit be left operating.

#### FOR PROPER OPERATION

1. During transport secure the unit to keep it upright.
2. If unit has fallen over, set upright for an hour before operating.
3. To prevent flooding, operate the dehumidifier on a level surface.
4. Plug the unit into a grounded 110v outlet and switch "on" to start.
5. If unit shuts off for any reason, allow 5 minutes before restarting.
6. Listen for proper operation of the fan and compressor before leaving.
7. Locate the drain hose into a suitable six-gallon container or drain.