OASIS® REMOTE COOLING UNITS
R3, R5
INSTRUCTIONS

1. **INSPECTION**
   Inspect the carton and water cooler for evidence of rough handling and concealed damage. Damage claims should be filed with the carrier.

2. **MAINTENANCE**
   The only maintenance operation required is the removal of dirt and lint from the condenser. Inspection should be made at 3 month intervals. When condenser requires cleaning, remove dirt and lint with a vacuum cleaner. Observance of this procedure will insure adequate air circulation through the condenser so operation is efficient and economical.

3. **OVERLOAD PROTECTION**
   The compressor motor is equipped with an automatic reset protector which will disconnect the motor from the line in case of an overload.

4. **LUBRICATION**
   This unit is equipped with a hermetically sealed compressor and requires no additional lubrication. The fan motor on this unit seldom needs oiling, but if required, a few drops of SAE 10 oil should be used.

5. **TO PUT COOLING UNIT INTO SERVICE**
   a) This unit is a remote water cooling package suitable for mounting in most locations.
      CAUTION: If located in a recess or alcove, the ventilated sides of the cooling unit require a minimum of 5" clearance from walls. If located in a cabinet or under the sink, a minimum of 6" clearance must be provided between cooling unit and cabinet walls. Access door on the cooling unit must face the front of the cabinet. Two air openings of 50 square inches each must be supplied in the cabinet for proper ventilation. One opening must be near the top of the cabinet, the other opening may be located at the base.
   b) From any convenient cold water supply, run a 1/4" min. line to WATER INLET connection on the top of the cooler. INSTALL SHUT OFF VALVE (NOT FURNISHED) AND FLUSH WATER SUPPLY LINE BEFORE INSTALLING UNIT.
   c) Connect the line which carries the chilled water to the WATER OUTLET connection on the top of the cooler. This line should be as short and as small as conditions will permit (3/8" actual O.D. is suggested maximum). Connect this line to bubbler or faucet and insulate entire length with at least 1" O.D. closed cell tubular insulation.
   d) Four 5/16" diameter holes are provided in the bottom flanges to mount the cooling package to a shelf if desired.
   e) Check the available power supply against the cooling unit data plate to assure correct electrical service. Connect to a separately fused (15 AMP) electrical circuit. Wires may be run in either rigid or flexible conduit to the electrical access hole on the unit top. A junction box is located behind the cover plate on the right hand side of the cooling unit.
   f) To fill tank, open shut off valve and glassfiller. Run water until stream is free of bubbles.

6. **TO DISCONTINUE USE OF COOLING UNIT**
   a) Close the water shut off valve.
   b) Provide container to catch water and remove drain plug located on the left hand side of the cooling unit. Remove or open the bubbler valve or faucet. Replace plug when draining is completed.
   c) **DRAIN ALL WATER WHEN FREEZING TEMPERATURES ARE ANTICIPATED AND BEFORE SHIPPING THE COOLING UNIT.**

WARNING

The warranty and the Underwriters' Laboratories listing for this machine are automatically voided if this machine is altered, modified, or combined with any other machine or device. Alteration or modification of this machine may cause serious flooding and/or hazardous electrical shock or fire.

EXCEPT AS SET FORTH HEREIN, THE MANUFACTURER MAKES NO OTHER WARRANTY, GUARANTEE OR AGREEMENT EXPRESSED, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
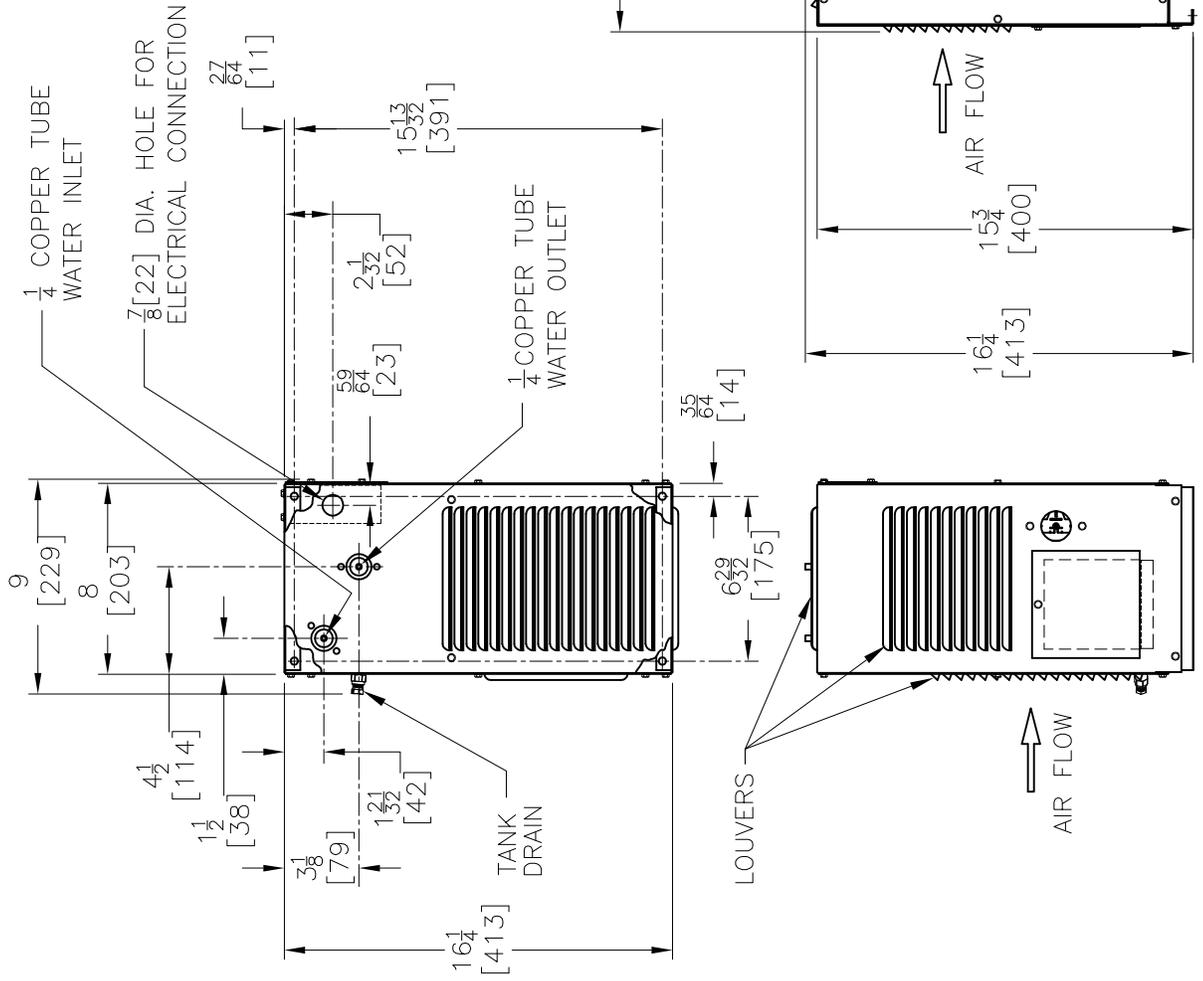

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OASIS® REMOTE COOLING UNITS
R3, R5

UNIT MUST BE INSTALLED WITH THIS SIDE UP

JUNCTION BOX COVER

AIR FLOW

$16\frac{1}{2}$ [419]

AIR FLOW

$15\frac{3}{4}$ [400]

$16\frac{1}{4}$ [413]

$\frac{1}{4}$ COPPER TUBE WATER INLET

$\frac{7}{8}$ [22] DIA. HOLE FOR ELECTRICAL CONNECTION

$\frac{1}{4}$ COPPER TUBE WATER OUTLET

$\frac{27}{64}$ [11]

$15\frac{13}{32}$ [391]

$2\frac{1}{32}$ [52]

$\frac{59}{64}$ [23]

$\frac{35}{64}$ [14]

$6\frac{29}{32}$ [175]

9 [229]

8 [203]

$4\frac{1}{2}$ [114]

$1\frac{1}{2}$ [38]

$3\frac{1}{8}$ [79]

$1\frac{21}{32}$ [42]

TANK DRAIN

LOUVERS

AIR FLOW

$16\frac{1}{4}$ [413]

NOTES:
1. ALLOW 6 INCHES [152 MM] MIN. PER VENTILATED SIDE.
2. ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS.

THIRD ANGLE PROJECTION
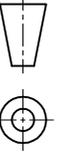
ROUGHING—IN AND DIMENSIONAL DRAWING