

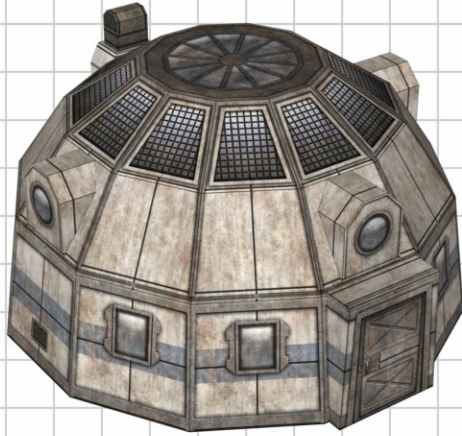
1:60 SCALE CARDSTOCK MODEL KIT



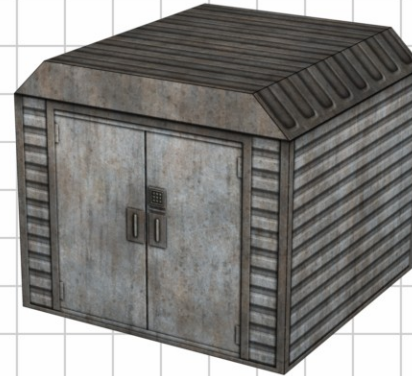
FRONTIER FARMSTEAD

PARTS MANIFEST

DOME HABITAT



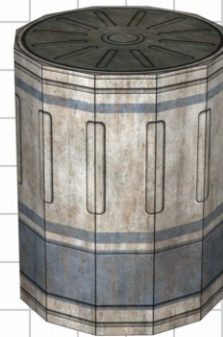
UTILITY SHED



WATER GENERATOR



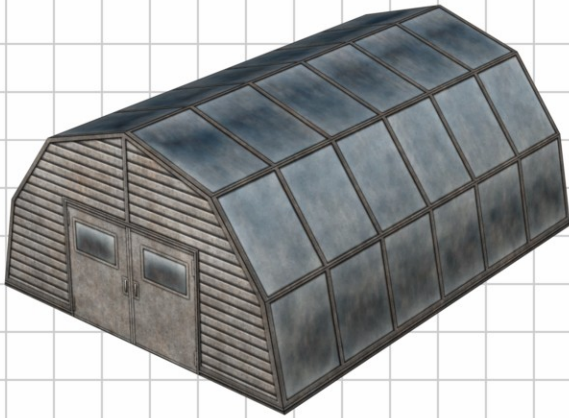
WATER TANK



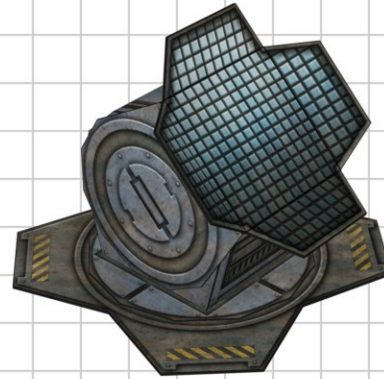
STRUCTURES

PARTS MANIFEST

GREENHOUSE



THERMOSOLAR GENERATORS



WIND TURBINES

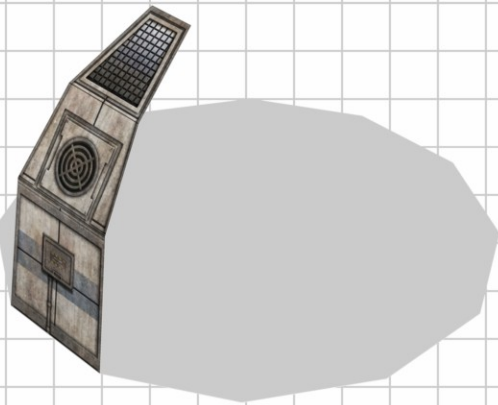


WATER TOWER



STRUCTURES

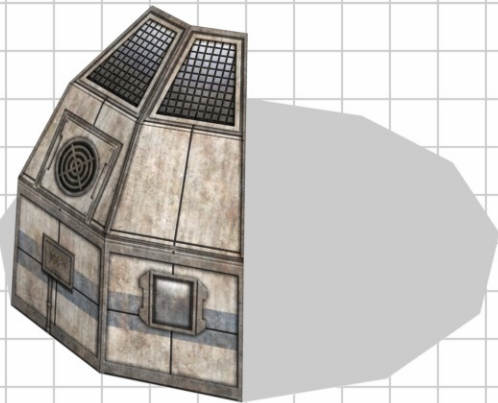
ASSEMBLY INSTRUCTIONS



DOME HABITAT

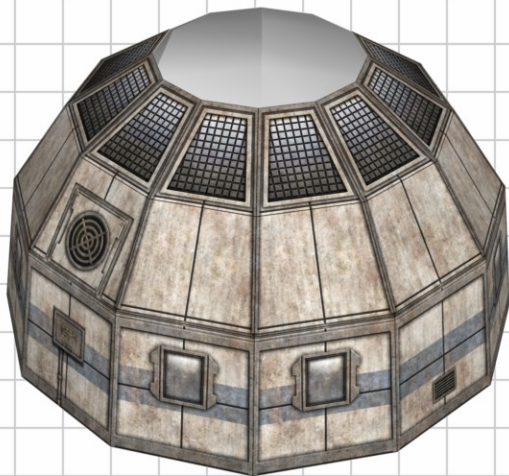
1. Start with the base and one wall piece. Glue the wall piece to the base as shown to the left.

There are 3 different kinds of walls to choose from: a basic wall section, a wall section with a window, and a third one with additional exterior fixtures. The third type is shown to the left.



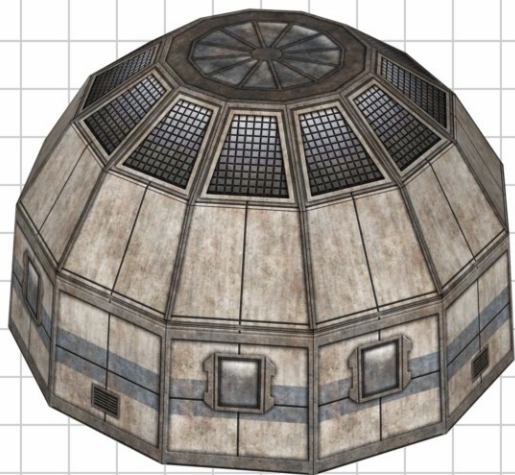
2. Glue another wall piece into place as pictured to the left. The new wall piece is glued to the tabs on the sides of the preceding wall piece, and to the base itself.

ASSEMBLY INSTRUCTIONS



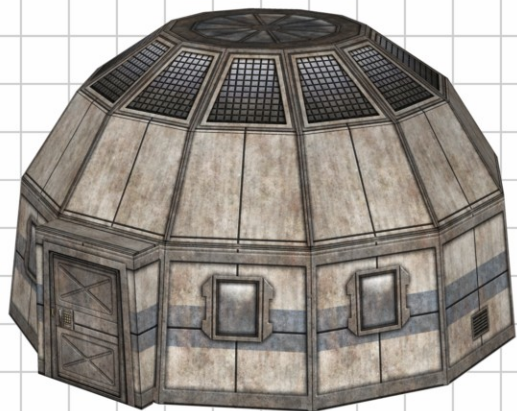
DOMES HABITAT, CONTINUED

3. Repeat the process with new wall sections until the basic dome is completed.



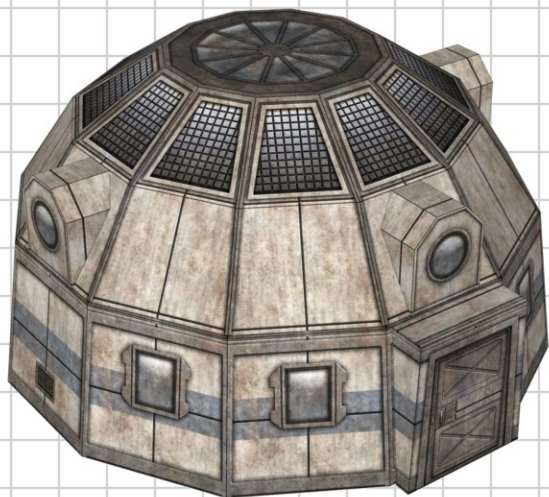
4. Glue the roof top panel into place as shown to the left.

ASSEMBLY INSTRUCTIONS



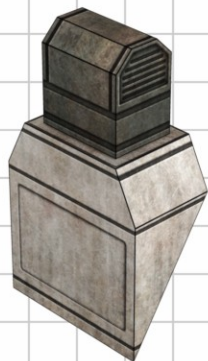
DOMe HABITAT, CONTINUED

5. Build the doorway piece and glue it to one of the wall sections as shown to the left.



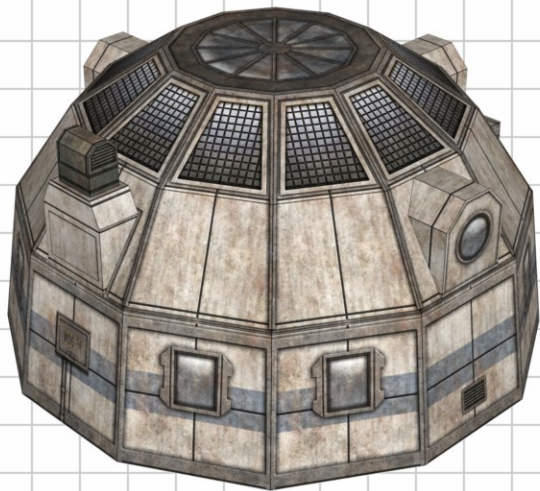
Optional: The dormers can be glued to the basic model as shown to the left.

ASSEMBLY INSTRUCTIONS



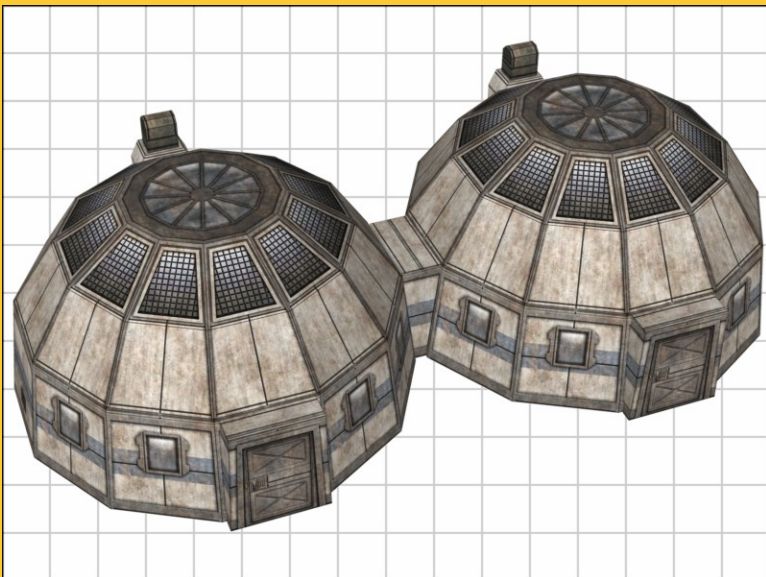
DOMES HABITAT, CONTINUED

Optional: For a slightly more homey touch, a 2-part chimney is included. Glue the chimney top to the chimney base as shown to the left.



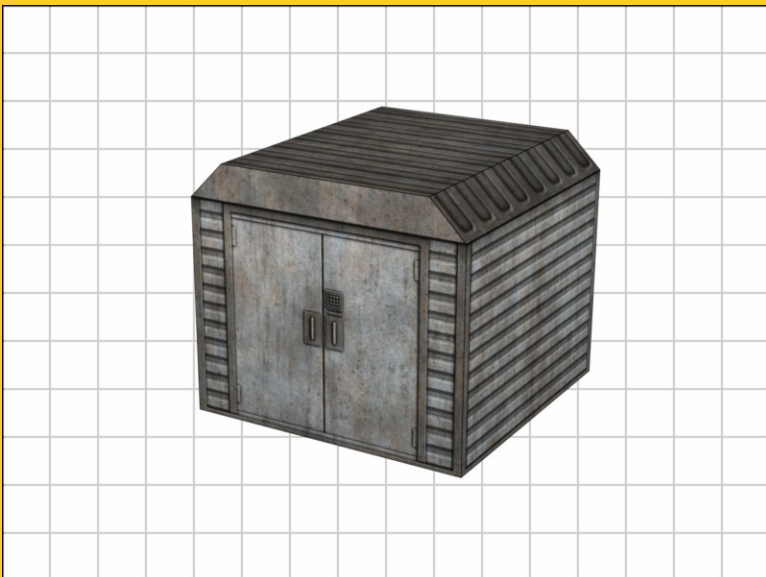
Next, glue the chimney to the structure as shown to the left. For optimal results, glue it to a chimney wall piece, as the chimney wall piece is textured to work with it.

ASSEMBLY INSTRUCTIONS



DOMES HABITAT, CONTINUED

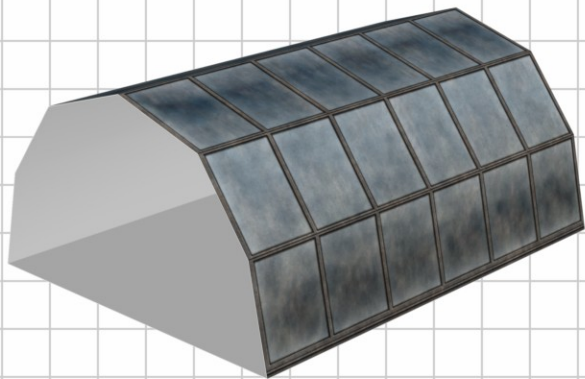
An optional structure connector is included so you can glue multiple dome habitats together to form habitat clusters.



UTILITY SHED

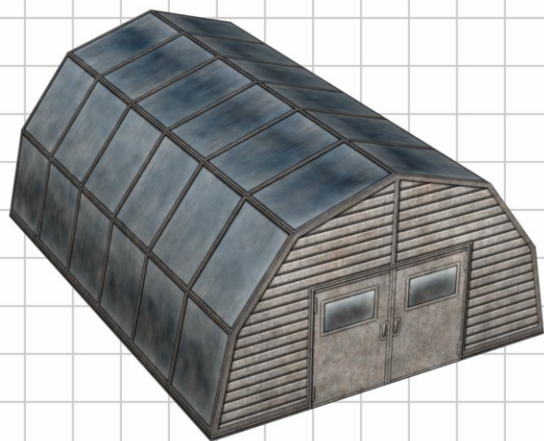
The utility shed is a one-part item that folds up into the shape shown to the left.

ASSEMBLY INSTRUCTIONS



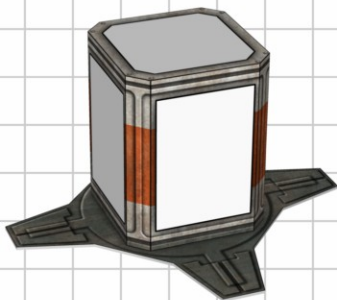
GREENHOUSES

1. Glue the greenhouse top and the greenhouse base together into the half-cylindrical shape shown to the left.



2. Finish off the greenhouse by gluing the side walls into place as shown to the left.

ASSEMBLY INSTRUCTIONS



ATMOSPHERIC WATER GENERATORS

1. Cut out the base, leaving a margin around it. Glue the base to some scrap card, then trim off the excess whitespace. Next, glue the condenser unit to the top of the base as shown to the left.



2. Build the 4 half-cylindrical accumulator units, then glue them to the whited-out regions on the condenser unit as shown to the left.

ASSEMBLY INSTRUCTIONS



ATMOSPHERIC WATER GENERATORS, CONTINUED

3. Build the intake stack and glue it to the top of the condenser unit to finish off the model.



WATER ACCUMULATOR TANKS

The water accumulator tanks are simple cylindrical volumes that fold up as shown to the left.

ASSEMBLY INSTRUCTIONS



THERMOSOLAR GENERATOR

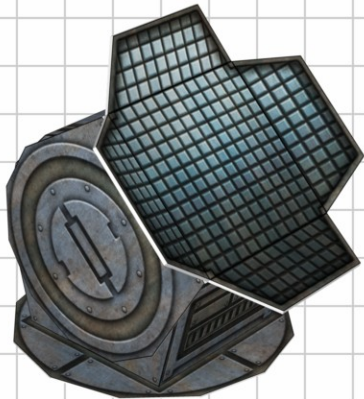
1. Build the generator piece and glue it to the top of the rotator disc as shown to the left.



2. Next, fold the swivel into an U-shape, then glue it to the sides of the generator as shown to the left.

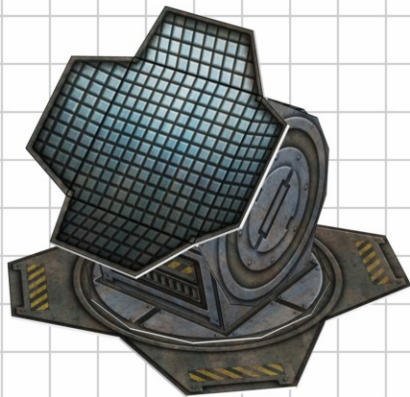
For optimal results, color the unprinted side black with a marker before gluing it in place.

ASSEMBLY INSTRUCTIONS



THERMOSOLAR GENERATOR, CONTINUED

3. Fold together the collector array, then bend the 4 outer protrusions outwards (like a bowl), and glue it to the swivel as shown to the left.



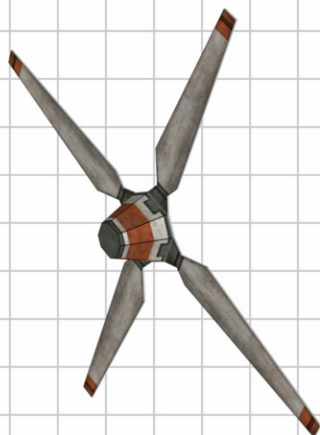
4. Build the baseplate. At this point, you can choose to permanently glue the thermosolar generator to the baseplate, or use some removable double-sided tape to attach both parts together.

ASSEMBLY INSTRUCTIONS



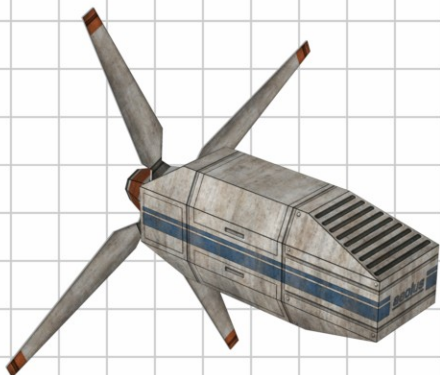
WIND TURBINE

1. Build each of the three pylon sections, then glue them together as shown to the left.



2. Build the turbine blades and the turbine spinner. Glue the turbine spinner to the hub of the turbine blades as shown to the left.

ASSEMBLY INSTRUCTIONS



WIND TURBINE, CONTINUED

3. Build the turbine, then glue the turbine blades to the front of the turbine as shown to the left.



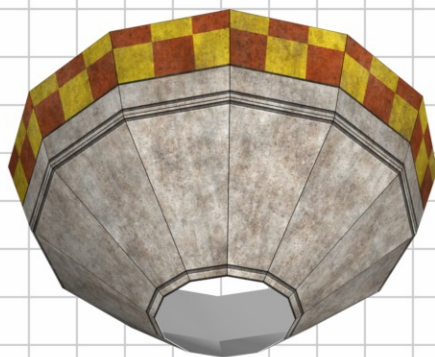
4. Glue the completed turbine assembly to the pylon as shown to the left.

ASSEMBLY INSTRUCTIONS



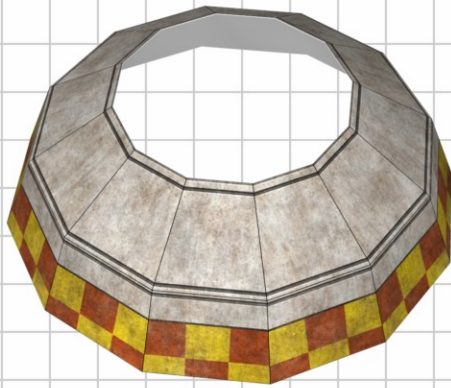
WATER TOWER

1. Build the three pylon sections, then glue them together as shown to the left.



2. Next, fold up and glue the lower tank half together into the bowl-like shape pictured to the left.

ASSEMBLY INSTRUCTIONS



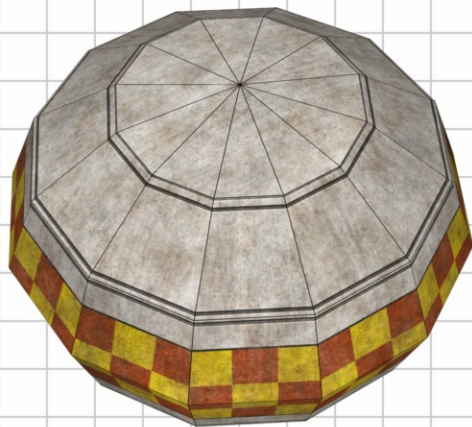
WATER TOWER, CONTINUED

3. Repeat the process for the upper tank half.



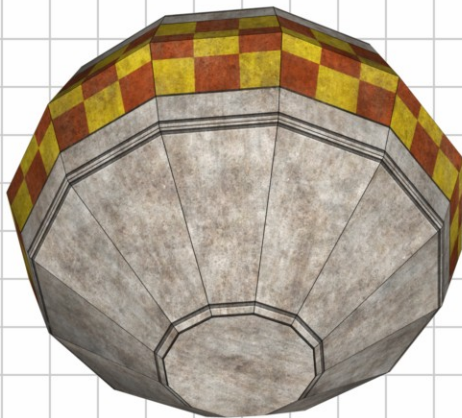
4. Carefully glue the upper and lower tank halves together, one tab at a time. Stick your fingers through the openings in each tank half to press the tabs together.

ASSEMBLY INSTRUCTIONS



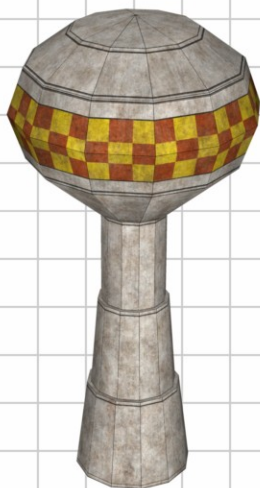
WATER TOWER, CONTINUED

5. Close off the top of the tank with the top endcap.



6. Close off the bottom of the tank with the bottom endcap.

ASSEMBLY INSTRUCTIONS

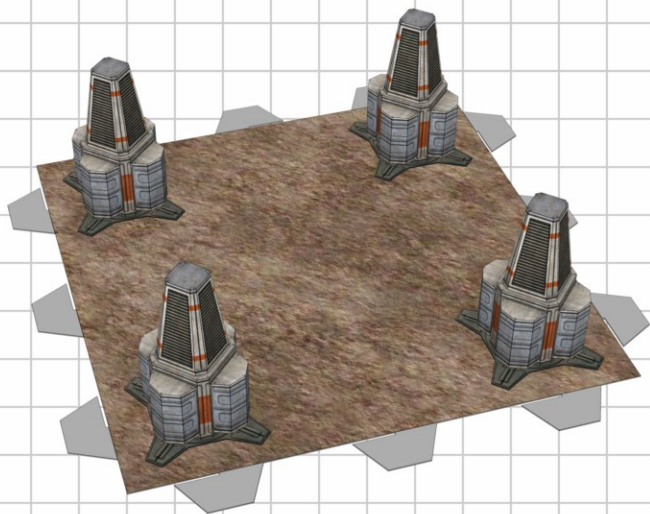


WATER TOWER, CONTINUED

7. Glue the tank to the top of the pylon to complete the water tower model.

SAMPLE ARRANGEMENTS

Shown to the left is an atmospheric water generator cluster on a 6x6-inch tile. A few of these tiles can be used to represent a small part of a larger water farm.



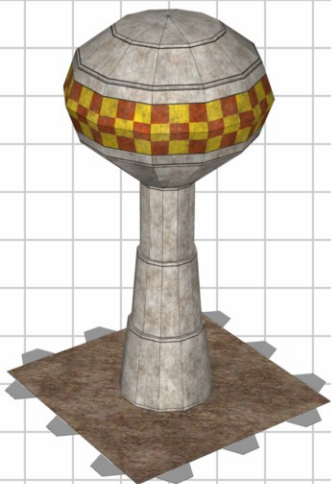
ASSEMBLY INSTRUCTIONS

SAMPLE ARRANGEMENTS, CONTINUED

Shown to the left are three water accumulator tanks and an utility shed, arranged on a 6x6-inch tile. The actual layout is up to you, and this arrangement shows one way to quickly create some cover tiles that can be used to break up fields of water generator clusters.

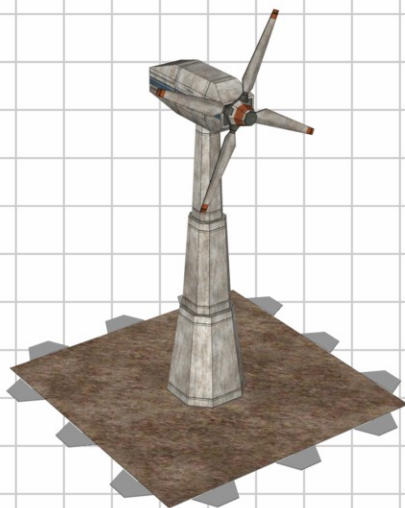
A cluster of thermosolar generators on a 6x6 tile, as shown to the left, can be integrated into a tile layout to represent a solar farm.

ASSEMBLY INSTRUCTIONS



LARGE STRUCTURES

The water tower is a fairly large model, and is shown standing on a 6x6-inch tile on the left. Generally, one per map is enough, as a single water tower is meant to store water used by many structures.



The wind turbine, shown to the left on a 6x6-inch tile, can be used singly as a futuristic windmill for a modest landholding, or several wind turbine tiles can be connected together to represent a wind farm.