

Omega 2000 Group Corp  
160 South Carmalita  
Hemet Ca 92543

## **OMEGA OME 306 INSTANTANEOUS WATER HEATER**

# **Installation Manual**

**NOTE:** This is a short form of your required information's.

If you run in any trouble give me a call:

**Let's first make a inventory:**

**1.** You have to have a bag with some grommets (rubber and plastic) another plastic bag with 2 chrome looking knobs and 2 "S" shape extensions. Also you should have a big plastic bag with a letter from me, a warranty statement and a warranty card. The sticker for business opportunity will be dealing with it later.

Let's inspect the unit:

No visible bents or dings. No parts rattling in the unit. Any of those contact me immediately;

**2.** The unit has 3 pipes coming out of the bottom. As you look at the unit from the front, the pipe on the right is WATER IN, the one on the middle is water out (HOT!) the one on the left is GAS. Use the 2 Black (rubber) grommets on the female ends of the 2 "S" extension and tight moderate on the water pipes (the water pipes are cooper, and the gas is aluminum, this is another way to know!!)

**3. WARNING!** Eliminate the little nipple on the Gas Side. Unless you use that unit for a camp site that part is not necessary! Make sure that you have a pressure regulator on your pipe.

You need to have a LPG pressure of 0.43 PSI at the manifold. Your regular pressure regulator on your tank should provide that with no problem. If is over that pressure the valve will not open and will not ignite.

**4.** They are plastic caps over the ends of the pipes. When you open those caps it is possible that water will come out. No problem! All units are tested for 5 minute before packing and some water is expected to remain in the unit. That is the reason for the caps so no mess is created with the cardboard box.

**5.** The "S" connection have double job: One to adapt the Metric tread of the unit to 1/2' NPT (American) and second to "give" about 2' tolerance for the plumbers who can not get it straight and pipes do not come perfect to the unit. Also serve as breakaway connection for easy installation.

**6. Installation** is simple: Three pipes (or 2 pipes for water and 1 flex tube for gas!) 2 D cell batteries on the box on bottom right side and a exhaust pipe.

**7.** When you install the unit, install first the top screw and the position the unit vertical and attach the 2 screws in the bottom. If you have concrete or plaster wall use the expandable bolt provided. If is wood use just 3 regular drywall screws ore anything else to be able to carry 15 Lb total weight with water.

It is recommended (and required in some codes!) that you install 2 valves (one for cold water and one for hot water). Is good to have the valves so you can separate the unit from the rest of the house or trailer.

It is recommended that you install a overpressure relief valve (not provided!) in to the hot pipe side as close as possible to the unit. Check the local codes.

**Attention:** The more expensive valve which open under "over temperature" also is not necessary because the unit has a redundant 2 temperature sensors who will margelate or even shutdown the unit in case of over-temperature.

**Warning:** The unit is NOT protected against freezing. When you do not use it for a longer period of time is recommended that you close the 2 valves and unscrew the nipple in the bottom so the water from the unit will be evacuated in a bucket (1.2 liters at the maximum!).

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8. Exhaust is a 4' pipe (single or double insulated based in local fire codes). The exhaust has to go 3 feet vertical before any turns. If you have to turn I give you a easy way to calculate your vertical: for every 1 feet of horizontal drag you need another 3 feet vertical.

9. Make sure you follow the local codes in regard to fire arrestors and shielding of the exhaust when you go thru the walls or roofs. The exhaust is very hot at it can ignite combustibile materials.

10. Make sure that the exhaust is finished with a cap in the top of the structure. The rain can kill the little computer just in a couple of drops.

Clearances: Minimum 8" on the top

Minimum 6" on the sides

Minimum 6" on the front

Minimum 2 feet on the Bottom only for your convenience, but is recommended installation at eye level.

**Warning:** Some states require a minimum distance from the floor, check with your local codes.

**Starting the unit:**

- Install the 2 D Cell batteries.

- Put the switch on the bottom of the unit in the "on" position.

- Open the Cold water Valve.

- Look for licks.

- Open the hot water valve.

- Look for licks.

Open the Gas valve.

Look for licks.

Open the Gas knob on the unit to maximum.

Open the water knob on the unit to maximum.

Open the closest faucet to hot only.

**Warning: It may need to "ON" and "OFF" the faucet 3 to 5 times until will ignite. That is necessary because of the air in the gas pipe. Only at the first start will do that!**

Next use will be instantly!

Live the water to run 3-5 minute to heat the pipes. Now you have the nominal temperature of the system.

Check the temperature. If is OK then you lackey! If is too hot, close in small increments the Gas knob on the face of the unit.

Leave it run for another 3 minute.

Check again.

Repeat until you achieve the temperature you want:

If is too cold leave the gas at maximum and close a little the water knob. Repeat with very small increments with 2-3 minute in between for stabilization.

Once you achieve your desire temperature you will never have to redo that again.

You will get the same temperature every time.

PS: Do not forget to fill the warranty card and mail to me or fill it on line at [www.omega2000group.com](http://www.omega2000group.com) (that is OK also!)

Any problem? A technical consult is only a phone call away: **888.866-2118**

Or a Email at [omega@omega2000group.com](mailto:omega@omega2000group.com)

George Sararu CEO

Omega 2000 Group Corp

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