Standard Industrial Company "NOVA" was established in 1977 and it became the pioneer of heating solutions technology in the Middle East.

The company manufactures household electrical & gas water heaters, high-capacity electric water heaters for commercial and industrial use, solar water heaters, electric heating elements, water urns, washing machines and electric insect killer.

The company started its activity in 1977 with the production of washing machines in a variety of capacities starting from 1.5 up to 4 kg of enameled coated steel or stainless steel.

In 1986, the company started operating its tubular electric heating elements production line. To supply the company's production needs, as well as other clients, custom made, orders for different industrial uses.

In 1992, the company started the production of the household electric water heaters with capacities from 20 to 150 liters with an internal layer of protection from enameled, which was later replaced with a stone layer.

In 2002, the company's vision and strategy was to become a heating solutions company that provides integrated water heating solutions. The company then started producing electric water heaters for commercial and industrial uses, with capacities ranging from 150 to 3000 liters and solar water heaters with capacities from 150 to 300 liters, as well as the manufacturing of heat exchangers with storage capacities up to 3000 liters to supply the needs and requirements of companies, factories, hotels, hospitals and villas.

NOVA is considered one of the strongest companies in the solar water heating field. Since introducing our solar heating solutions in 2005, we've been developing our solar heaters to match with the latest technologies in the field as well Egypt's environment and different water sources. Which enables Nova to provide each client with a customized solution, that matches his specific needs. Whether it's a home, hotel, factory, hospital or different housing projects.
The company’s environmental safety & occupational health quality policy

NOVA standard Industrial Co. is a leading company in the field of heating technology. Offering high quality home appliances to its clients. Through applying Quality, Environmental & Occupational Health and Safety management systems requirements. According to the ISO 9001, the ISO 14001, and the OHSAS 18001 certificates. Where the Company commits to the following to achieve its policies:

✓ Strive to achieve customer satisfaction and requests.
✓ Commit to achieve legal and constitutional requirements towards the environment and the safety and occupational health.
✓ Continuous development and improvement of company’s performance through defining and achieving the Quality, Environmental & Occupational Health and Safety management systems requirements.

C.E.O
Eng. Mostapha Mohamed Mohamed
About the Company...

Company’s Products

Domestic Electrical Water Heaters
1- Multiple capacities that suits every home.
2- An attractive & modern design.
3- Protection against over heating.
4- Thermal insulation to preserve water temperature for a long time.
5- Tank made from steel.

Medium and High capacity Electric Water Heaters
1- Medium and High capacity Electric Water Heaters designed to suit hotels, hospitals, villas and Companies with large consumption.
2- Double protection against over-heating.
3- Pressure relieve safety valve.
4- Thermometer indicates water temperature.
5- High-efficiency thermal insulation environmental friendly.

Domestic Gas Water Heaters
1- Self-ignite.
2- Temperature and water flow control.
3- Safe against wind and gas leak.
4- Works under high & very low water pressure.
5- Equipped with burners controller for winter and summer.

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**Solar Water Heater**
1. Advanced design to suit different customer's needs, and conforms to water's different TDS levels.
2. Depends on solar heating as a source of clean and economic energy.
3. Equipped with electric heating element that works as an alternative energy source in case of the absence of solar heating.

**Electric heating elements**
1. Nova produces different types of electric heating elements.
2. Nova uses the finest materials to produce heating elements pipes.
3. Nova offers the necessary technical advise and engineering calculations to help the client identify the most suitable heating element for his needs.
4. All elements are produced and tested in accordance with the American Safety Standards.

**Flying Insects killer**
1. Electronic detonator system.
2. Drawer to collect insects.
3. External protection net from all directions electrostatic painted.
4. The possibility of suspending the detonator or put it on the ground.
5. The possibility of use in the home or in open spaces.

**Water Urns**
1. Works with 2 heating element.
2. Reduces the consumption of electric power.
3. Glass water level indicator.
4. Indication lamp + thermostat to adjust the temperature.
5. Reduce the loss of water through evaporation.
6. Pot and cover handles are heat insulating and heat resistant.

**Sheds Water heater**
1. Advanced design to suit different customer's needs, and conforms to water's different TDS levels.
2. Depends on solar heating as a source of clean and economic energy.
3. Equipped with electric heating element that works as an alternative energy source in case of the absence of solar heating.

**Concentrations**
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3. Glass water level indicator.
4. Indication lamp + thermostat to adjust the temperature.
5. Reduce the loss of water through evaporation.
6. Pot and cover handles are heat insulating and heat resistant.
Household
Electric Water Heaters

- Internal tank is made from high quality steel, coated with a layer of stone to protect it from rust and corrosion.
- The tank is insulated with a layer of environmental friendly polyurethane foam with density of 40kg/m³, to preserve the hot water temperature for long periods.
- It is equipped with a thermostat to adjust the water temperature and additional safety against high temperature.
- The heating element is of high-purity copper and high thermal conductivity. And its power can be changed according to requested specifications.
- Nova water heater design is modern, attractive and give hot water in the shortest time.
- Available with different capacities and multiple models: 20 , 30 , 40 , 50 , 80 , 100 liter.
- Nova water heater is equipped with a non-return and a safety valve.
- It comes with an installation and maintenance instruction manual.
- Nova water heater spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*

**Technical data:**
- Thermostat factory setting is at 65°C.
- Rated voltage : 220 ± 10%.
- Rated pressure : 6 kg/cm².
- Safety valve keeps maximum safety pressure at 8 kg/cm².
- Maximum water temperature : 80 ± 5°C.
Medium Capacity

Electric Water Heaters

- Nova medium capacity electric water heaters are equipped with single phase submerged heating element made from high-purity copper with high thermal conductivity or stainless steel and has a low surface load for longer life.
- Single pole adjustable Thermostat up to 75 ± 5°C.
- Thermal cut-out for additional safety against over-heating.
- Temperature indicator (optional).
- Safety valve releases excess pressure over than 10 bar or according to the required specifications.
- Internal tank is made from the highest quality steel coated with a layer of stone to protect it from rust and corrosion.
- Magnesium anode used with stainless steel tanks to protect the internal tank from corrosion.
- Outer casing is made of hot galvanized steel coated with epoxy polyester.
- Inlet and outlet tubes ¾ inch.
- Nova water heater is thermally insulated with a thick layer of 40kg/m² environmental friendly polyurethane foam, with density up to 50 mm in order to keep hot water for the longest time.
- Available in two models horizontal & vertical.
- It is easily installed and comes with an operation and maintenance manual.
- Nova water heater spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*
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<th>Power (Watt)</th>
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### Technical Specifications

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</table>
Automatic Gas Water Heaters

- Nova outer casing is made from high quality steel.
- Equipped with 2 separate valves to control the flow of water and gas. Therefore water flow rate and temperature can be easily adjusted.
- Nova gas water heater works automatically when water tap is opened.
- Flame shuts down automatically when water tap is closed.
- Safety thermal cutout operates when water temperature reaches 75°C to prevent over-heating.
- Works with very low water pressure (0.3 bar).
- The gas flow shuts down automatically when the water supply is cutoff or the flames shut down. And the water heater shuts down completely.
- Nova 6 liter water heater is equipped with a safety option against air pollution (ODS). Two models are available with or without chimney.
- It is protected against wind flow and against water freezing.
- Equipped with a digital water temperature indicator.
- Equipped with burners controller for winter and summer.
- 2 batteries size (D) 1.5 volts are used to turn on the ignition.
- For safety the water heater shuts down completely after 20 mins of continuous use.
- Nova water heater is easily installed and comes with an instruction manual.
- Nova water heater spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*

<table>
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<th>MODEL</th>
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</table>

* A - Normal * AD - Digital * AW - Summer Winter Valve * AM - Mirror Face

The company has the right to change products specifications when needed without prior notice.

- **GHW**
- **GWH**

**Sخانات مياه غاز أوتوماتيك**

- الغلاف الخارجي مصنوع من أجرد أنواع الصلب.
- صمام للتحكم في تدفق الماء وصمام للتحكم في التدفق مما يسهل التحكم في درجات الحرارة وتفريق المياه.
- **Sخان غاز نهاية مع غلاف أتوماتيك عند فتح صنبور الماء الساخن.**

**تنظيف النبه أيطوماتيك مع غلاف الصلب.**
- قطع حراري لفصل الغاز أتوماتيك عند درجة حرارة الماء 75ملم لمنع ارتفاع درجة الحرارة على العمل المسرح. **يعمل على أفضل ضفدع ماء (0.3 بار).**
- نظام حماية لفصل الغاز أتوماتيك في حالة اطفاء الماء أو اطفاء الشعلة والثبات ينقطع تماماً.
- السخان غاز نهاية مع غلاف أتوماتيك عند تفريغ موديل مع ضفدع ماء من مصغة ODS. **يجب أن يكون موزع بحراً ضد تفريغ موديل مع ضفدع ماء للحد من مخاطر الحريق والمياه.**
- لا يؤثر السخان بفأرامب الهواء ولا يؤثر حتى في حالة تجعيد الماء.
- **لا يوجد منع ليزبا درجة حرارة إمكانيات التحكم في الشعلة شنااناً وصساءً.**
- الإشعال الذي يعمل عن طريق كلق تحت مقياس (D) 5 فوت. **تحكم الكهربائي لفغل الأتوماتيك عند اطفاء الشعلة إذا تجاوزت دقة للسائل الساخن 20 دقيقة.**
- السخان سهل التركيب، ويحتوي على كتب أرشادات التحكم وبيانات. **قطر غاز سخانات نفوا مثفورة على الشركة.**

**الموديل**

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<tr>
<th>أبعاد السخان (سم)</th>
<th>أبعاد الكروثية (سم)</th>
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* A = Normal * AD = Digital * AW = Summer Winter Valve * AM = Mirror Face

**الشركة في تغيير المواصفات عند ضرورة دون سابق إخطار**
受到了 Nova Appliances & Heating Systems 的启发，这张图片展示了不同型号的热水器和它们的组成部件。图片中详细标注了各部件的名称和功能，如烟囱孔、煤气燃烧器、热交换器、火焰、煤气设定阀、热水出口洞、煤气入口洞等。

此外，图片还提供了一张表格，列出了 GH10 和 GH6 两种型号热水器的规格参数，包括燃气类型、煤气压力、水压、加热负荷、热水流量、煤气消耗和排烟方式等。

表格数据如下：

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Capacity</th>
<th>GH6</th>
<th>GH10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas pressure</td>
<td>LPG</td>
<td>28 g/cm²</td>
<td>20 g/cm²</td>
</tr>
<tr>
<td>Natural Gas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water pressure</td>
<td></td>
<td>0.3 - 5 kg/cm²</td>
<td>0.3 - 5 kg/cm²</td>
</tr>
<tr>
<td>Heating load</td>
<td></td>
<td>11.1 kW</td>
<td>21 kW</td>
</tr>
<tr>
<td>Rate of hot water</td>
<td></td>
<td>6 liters/min</td>
<td>10 liters/min</td>
</tr>
<tr>
<td>Gas consumption</td>
<td></td>
<td>960 g/h</td>
<td>1600 g/h</td>
</tr>
<tr>
<td>Exhaust outlet</td>
<td></td>
<td>No Chimney</td>
<td>Chimney</td>
</tr>
</tbody>
</table>
Thermo-Siphon

Pressurized Solar Water Heater

Pressurized thermo-siphon Solar Water Heaters with flat collectors are available in open loop system or closed loop system.

Nova solar water heater is environmentally friendly, it uses clean and renewable energy that preserves the environment.

Outer casing is made from galvanized steel coated with electrostatic powder suitable for outdoor use or from stainless steel.

Internal tank is made from high quality steel and coated with a layer of stone to protect it from rust and corrosion.

The tank is thermally insulated with a thick layer of 5cm polyurethane foam, with density of 40 kg/m^3 in order to preserve the hot water for the longest time.

Equipped with a heating element, made of high-purity copper with capacity up to 3 kw controlled with a thermostat in case of high demand or lack of solar energy.

All water inlets & outlets connection are ¾ inch.

System operating pressure is 6 bar.

Connecting pipes are thermally insulated.

Multiple capacities to meet different requirements 150 -200 -300 liters.

High absorption of solar energy.

Easy to operate does not need frequent maintenance.

Made from carefully selected materials to withstand extreme weather conditions.

Economical price when compared to the consumption of electrical energy.

The solar collector is provided with black/blue flat absorber, as well as the outer surface is made of tempered low iron glass.

Closed loop systems are provided with a copper heat exchanger to minimize energy loss.

Nova solar water heater is easily installed & comes with an instruction manual.

Nova solar water heater spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*
### Open Loop (SOSO) / Closed Loop (SOSC) Solar Water Heaters Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (liter)</th>
<th>Usage (person)</th>
<th>Dimensions (mm)</th>
<th>Stand</th>
<th>Collectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOSC St</td>
<td>150</td>
<td>150</td>
<td>2:3</td>
<td>Steel</td>
<td>(1) DMAC 18</td>
</tr>
<tr>
<td>SOSC St</td>
<td>150</td>
<td>150</td>
<td>2:3</td>
<td>Steel</td>
<td>(1) DMAC 23</td>
</tr>
<tr>
<td>SOSC St</td>
<td>200</td>
<td>200</td>
<td>3:4</td>
<td>Steel</td>
<td>(2) DMAC 18</td>
</tr>
<tr>
<td>SOSC St</td>
<td>220</td>
<td>220</td>
<td>1750</td>
<td>Steel</td>
<td>(1) DMAC 23</td>
</tr>
<tr>
<td>SOSC St</td>
<td>300</td>
<td>300</td>
<td>5:6</td>
<td>Steel</td>
<td>(2) DMAC 18</td>
</tr>
<tr>
<td>SOSC St</td>
<td>220</td>
<td>220</td>
<td>1750</td>
<td>Steel</td>
<td>(2) DMAC 23</td>
</tr>
</tbody>
</table>

### Open Loop (SOTO) / Closed Loop (SOTC) Thermal Tanks Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (lit)</th>
<th>Ex. Diameter (mm)</th>
<th>Insulation (mm)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOTO ST</td>
<td>150</td>
<td>150</td>
<td>50</td>
<td>1325</td>
</tr>
<tr>
<td>SOTO ST</td>
<td>150</td>
<td>150</td>
<td>50</td>
<td>1325</td>
</tr>
<tr>
<td>SOTO ST</td>
<td>300</td>
<td>200</td>
<td>50</td>
<td>1510</td>
</tr>
<tr>
<td>SOTO ST</td>
<td>300</td>
<td>200</td>
<td>620</td>
<td>1720</td>
</tr>
</tbody>
</table>

### Solar Collector Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>DMAC 23</th>
<th>DMAC 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension</td>
<td>1625x1155x93 mm</td>
<td>1625x650x93 mm</td>
</tr>
<tr>
<td>Case</td>
<td>Black painted extruded aluminum</td>
<td>Black painted extruded aluminum</td>
</tr>
<tr>
<td>Weight</td>
<td>57 kg</td>
<td>30.5 kg</td>
</tr>
<tr>
<td>Repair</td>
<td>210</td>
<td>210</td>
</tr>
<tr>
<td>Flow amount</td>
<td>135 l/h average</td>
<td>117 l/h average</td>
</tr>
<tr>
<td>Absorber</td>
<td>Laser welded aluminum</td>
<td>Laser welded aluminum</td>
</tr>
<tr>
<td>Absorpt. Surf</td>
<td>Blue selective paint</td>
<td>Blue selective paint</td>
</tr>
<tr>
<td>Absorpt. Pipe</td>
<td>Dia. 12 mm copper, 10 pipes</td>
<td>Dia. 12 mm copper, 4 pipes</td>
</tr>
<tr>
<td>Header pipe</td>
<td>Dia. 22 mm copper</td>
<td>Dia. 22 mm copper</td>
</tr>
<tr>
<td>Top cover</td>
<td>4 mm thick nomal flat glass</td>
<td>4 mm thick normal flat glass</td>
</tr>
<tr>
<td>Insulation</td>
<td>50 mm thick glasswool</td>
<td>50 mm thick glasswool</td>
</tr>
<tr>
<td>Water proofing</td>
<td>EPDM seal</td>
<td>EPDM seal</td>
</tr>
<tr>
<td>Heat resistance</td>
<td>200°C</td>
<td>200°C</td>
</tr>
<tr>
<td>Back plate</td>
<td>0.5 mm thick galvanized steel</td>
<td>0.5 mm thick galvanized steel</td>
</tr>
<tr>
<td>Test pressure</td>
<td>9 bar</td>
<td>9 bar</td>
</tr>
<tr>
<td>Work pressure</td>
<td>9 bar</td>
<td>9 bar</td>
</tr>
</tbody>
</table>
Vacuum Tubes Compact
Pressurized Solar Water Heater

- Compact pressurized solar water heater works with vacuum tubes and heating pipe technology.
- Attractive design that suits different buildings architectural designs.
- Nova solar water heater is environmental friendly, it uses clean and renewable energy that preserves the environment.
- High efficiency solar heating that saves 25% of electricity consumption.
- High safety measures.
- Polyurethane thermal insulation, to preserve hot water temperature for more than 72 hours.
- System operating pressure is 6 bar.
- Water temperatures reaches +85°C during the winter.
- Available with different capacities 100, 120, 140, 160, 200, 240 & 300 liters.
- It is equipped with electrical heating element that works in case of high demand of hot water or lack of solar energy.
- It is equipped with an electrical controller that can be programed to work automatically in case of low water temperature.
- Nova solar water heater is easily installed & comes with an instruction manual.
- Nova solar heaters spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*

Specifications:
- Vacuum tubes: Ø58 / 1800 mm solar heat pipe.
- Inner tank: 1.2 mm thick sus-304b stainless steel.
- Outer tank: 0.45 mm thick color steel/sus-304B stainless steel.
- Insulation layer: 50 mm polyurethane foam.
- Bracket: 45 degrees 1.2 mm galvanized steel/per request.

المواصفات:
- أنابيب مفرغة: Ø1800 مم / Ø58 مم مزودة بنبوب حار.
- الخزان الداخلي: صحية 1.2 مم من الالستنين سيل 304.
- الغلاف الخارجي: 0.45 مم صاج مجهول أو استلن.
- العزل الحراري: 50 مم بولي بريتيل.
- الحامل: 45 درجة صاج مجهول مجهول 1.2 مم أو حسب الطلبات.

*الشركة الحقيقية في تغيير المواصفات عند الضرورة بدون سابق إخطار.
The latest global technology for solar water heating
"Vacuum Tubes"

Vacuum Tubes Technology
Pressurized Split
Solar Water Heating systems

The pressurized split solar Water Heater system works with flat plates solar collectors or vacuum tubes glass solar collectors.

Split solar water heating system is available with two models:

A. Systems with predetermined sizes: 200, 300, 400 & 500 Ltrs, used for small size projects with water temperatures up to 60°C.

B. A custom made solar water heating system, for projects that require capacities larger than 500 Ltrs and with water temperature up to 85°C and all specifications can be altered based on load study and evaluation. And the system is designed based on customer’s requirements of heating temperatures and water quantities. It is used in housing and industrial projects, hospitals, hotels, swimming pools and heating.

It has an attractive design that suits different buildings architectural style.

Nova solar water heater is environmental friendly. It uses clean and renewable energy.

Depends on Solar energy and not heat.

High solar heating efficiency that saves electric power.

High safety measures.

Water temperature reaches +85°C during the winter.

The solar tank is made of stainless steel and equipped with a magnesium anode or made of carbon steel lined with stone.

It is thermally insulated with polyurethane/rock wool, to preserve hot water temperature for more than 72 hours.

The tank is equipped with a T&P safety valve and air vent according to the maximum pressure and temperature.

The tank is equipped with a back-up electric heater to work in case of lack of solar energy.

The system is equipped with a circulation pump that withstands maximum working conditions.

The system is equipped with an electric control unit to control the circulation pump and the back-up heater.

Nova solar water heating system is easily installed and comes with an instruction manual.

Nova solar water heater spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*
احدث تكنولوجيا عالمية لتسخين المياه بالطاقة الشمسية

المجمعات المسطحة

مجمعات الأنابيب الزجاجية المفرغة

The latest global technology for solar water heating

Flat plate collector

Vacuum Tubes Technology
Electric

Heating Elements

Nova produces the following types of electric heating elements:

- Tubular Metal sheathed heating elements used in central A/C units, kitchen appliances, swimming pools heating and home appliances.
- Column heating elements with/without ceramic pieces.
- Heating elements for packaging machines.
- Flat/ cylindrical mica heating elements for plastic processing machinery.

Nova uses the finest materials to produce pipes as follows:

- High-purity Copper 99.995%.
- Heat-resistant Alloy steel Incoloy800.
- Stainless Steel 304/316L.
- Titanium.

Nova offers the necessary technical advise and engineering calculations to help the client identify the following:

- Appropriate Power for operations.
- Appropriate materials for applications.
- Number of units required.
- The expected life span.
- The proper fixation methods for each application.

*The company has the right to change products specifications when needed without prior notice*
Standard fixation methods for submerged batteries:

- Stainless steel triangle flanges
- Different types and sizes of square flanges: Steel/copper/stainless steel
- Different types and sizes of round flanges: Steel copper/brazing/stainless steel
- Threaded flanges: 01-01.5-02-02.5 brass or stainless steel

Other flange types and sizes are available.

Standard fixation methods for single elements:

- Welding ripples (Galvanized steel/copper/brazing/stainless steel)
- Compression ripples (Galvanized steel/copper/brazing/stainless steel)

Different sizes: M12-M14-M16-M18-M20

مكواة وطرشون

وحدات تسخين زيت للمطابخ

بطريقة أحواض معالجة

سخانات مكواة وطرشون

 يتم إنتاج عناصر وبطريقة التخزين الكهربائية واستخدامها طبقاً لمواصفات الأمان الأمريكية UL 1030

Oil heaters

mica and cartridge

Treatment baths

Heating elements and heating batteries are produced and tested in accordance with the American Safety Standards UL 1030
هيرو (صاعق الحشرات الطائرة)

يستخدم الصاعق "هيرو" لقضاء على الحشرات الطائرة مثل الذباب والبعوض في الأماكن الداخلية والخارجية مثل المنازل والنوادي والمحلات التجارية ومحلات الأغذية والمطاحن والمستشفيات ودور العرض، وذلك عن طريق تمتص ذرات ضوء خاص محاطة بشبكة معدنية من الجهتين مزودة بوقت عالي يصمم الحشرات.

الصاعق "هيرو" مزود بالخصائص التالية لتحسين الكفاءة الظيفية وزيادة الفاعلية:
✓ نظام صعوق الكتروني.
✓ جميع الأجزاء البلاستيكية مصنوعة من البلاستيك المقوى.
✓ درج لجميع الحشرات.
✓ شبكة حماية خارجية من كل الاتجاهات طبيعية الكتروستاتية.
✓ إمكانية تحقيق الصاعق أو وضعه على الأرض.
✓ إمكانية الاستخدام داخل المنزل أو في الأماكن المفتوحة.
✓ لمبات تعمل بالأشعة الخضر ضوءًا صحيًا.
✓ قوة استقطاب للحشرات الطائرة قبل الوصول للضوء من أي اتجاه.
✓ لا ينتج عن أي انبعاثات ضارة بالأنسان أو البيئة.
✓ مصنوع طبقاً للمعايير المصرية رقم 569/2006

البيانات الفنية:

<table>
<thead>
<tr>
<th>موديل</th>
<th>HERO 60</th>
<th>HERO 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>مقدمة</td>
<td>45 واط</td>
<td>25 واط</td>
</tr>
<tr>
<td>الدخول</td>
<td>600 فولت</td>
<td>600 فولت</td>
</tr>
<tr>
<td>الخرج</td>
<td>3000 فولت</td>
<td>3000 فولت</td>
</tr>
<tr>
<td>عدد الشعارات الفلورست</td>
<td>2 × 60</td>
<td>2 × 30</td>
</tr>
</tbody>
</table>

**الملايين والفئات:****

**"Hero" insects killer is used to eliminate the flying insects such as mosquitoes and flies in outdoor and indoor places such as:**
Homes, clubs, shops, hotels, restaurants, groceries, hospitals and theaters.
The bulb uses a special wave length light and is surrounded by a metal net from both sides with high voltage to shock insects.

**"Hero" insect killer is provided with the following characteristics to improve functional efficiency:**
✓ Electronic detonator system.
✓ All plastic parts are made of reinforced plastic.
✓ Drawer to collect insects.
✓ External network protection from all directions is electrostatic painted.
✓ Possibility of suspending the detonator or put it on the ground.
✓ The possibility of use in homes or out door.
✓ Innocuous safe Bulbs.
✓ Hunting force of flying insects before reaching the light from any direction.
✓ Do not produce any harmful emissions to humans or the environment.
✓ Manufactured with compliance to the Egyptian standard specifications No. 569/2006

**Technical data:**

<table>
<thead>
<tr>
<th>Model</th>
<th>HERO 60</th>
<th>HERO 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated input voltage</td>
<td>220 volts</td>
<td>220 volts</td>
</tr>
<tr>
<td>Rated Power</td>
<td>45 watt</td>
<td>25 watt</td>
</tr>
<tr>
<td>Output voltage</td>
<td>3000 volts</td>
<td>3000 volts</td>
</tr>
<tr>
<td>The number of fluorescent bulbs</td>
<td>2 × 60</td>
<td>2 × 30</td>
</tr>
</tbody>
</table>

*The company has the right to change products specifications when needed without prior notice*
Water Urn

Fully made from stainless steel 304 in addition to the attractive modern design.

- Equipped with a thermostat to control the temperature from 30°C to boiling point.
- Extra thermal cutout that automatically shuts off, to protect the heater, in case of water drying.
- Easy to use no drip tap.
- Pot handles and cover knob are thermally insulated.
- Power indication Lamp.
- Glass water level indicator.
- Reduces electric energy consumption.
- Reduces water loss due to evaporation.

- Equipped with two heating elements, one 2000 watt and the other 1000 watt, that works simultaneously until water reaching boiling temperature then the 2000 watt heater stops and the 1000 watt heater keeps working to maintain the water’s temperature and reduces evaporation.
- Nova water urn is easy to use and comes with an instructions manual.
- All spare parts are available at the company.

*The company has the right to change products specifications when needed without prior notice*

---

<table>
<thead>
<tr>
<th>Code</th>
<th>Liter</th>
<th>No. of Cups</th>
<th>Dim (mm)</th>
<th>Weight (kg)</th>
<th>Watt</th>
<th>Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>URN3005</td>
<td>5</td>
<td>22</td>
<td>310 225</td>
<td>3</td>
<td>3000</td>
<td>798 1596</td>
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<tr>
<td>URN3010</td>
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<td>URN3030</td>
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<td>480 720</td>
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<td>399 376.5</td>
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<td>URN3030</td>
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<td>132</td>
<td>489 380.5</td>
<td>7.48</td>
<td>3000</td>
<td>260 520</td>
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