

For your Safety,
Always read these instructions before using



Angelina

HIGH LEVEL OF ENZYME JUICER

OPERATION MANUAL



Angel Juicer

For Household use only
Save this manual, Keep it handy for quick reference

Make Every Day Fresh!

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Congratulations!

Thank you for purchasing Angel Juicer from us.

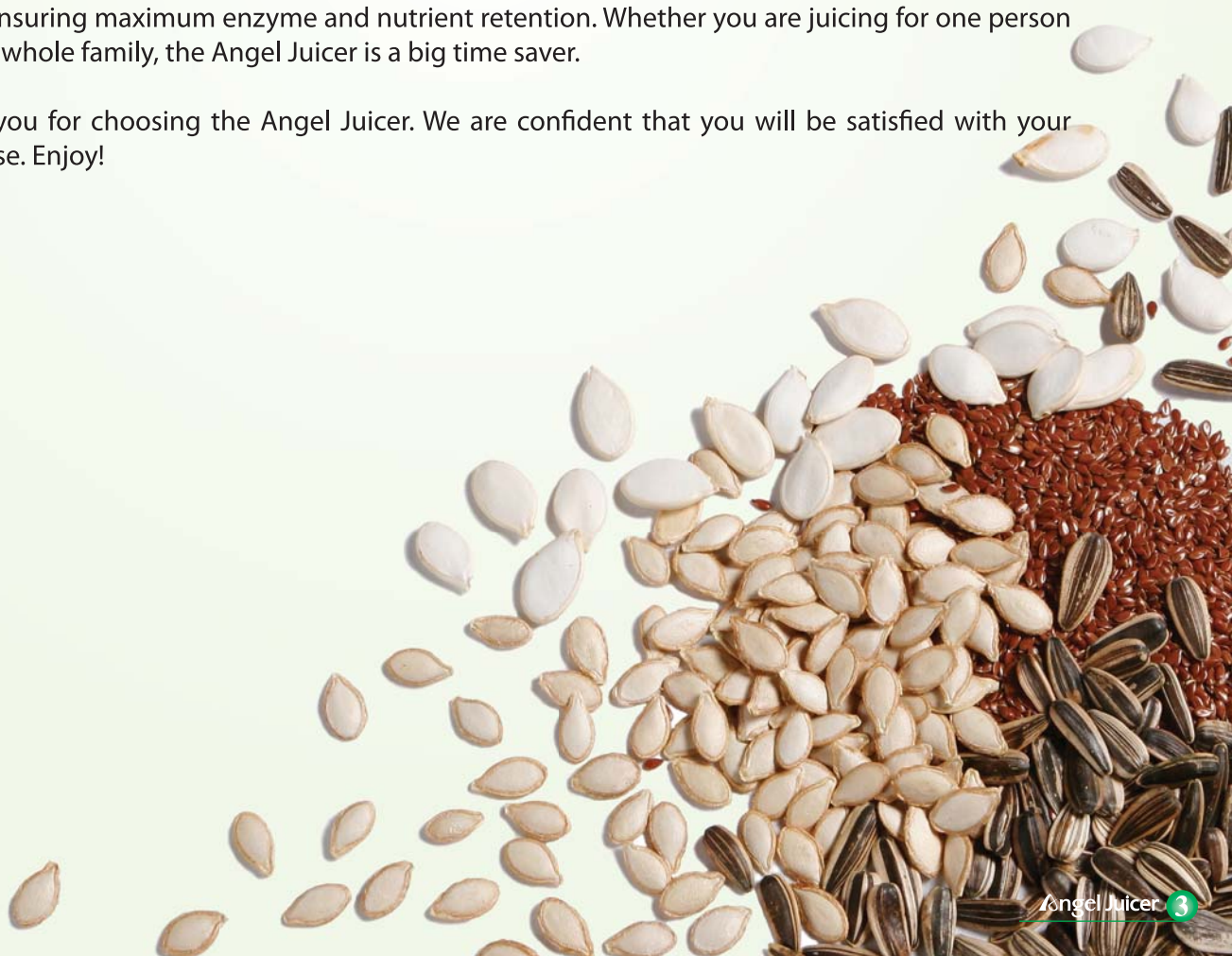
This Angel Natural Juicer product is manufactured in South Korea by Angel Co., Ltd.

You have become a proud owner of the new premium juicer, the Angel Juicer. Angelia is the most advanced living juice extractor made of all stainless steel on the market today.

The Angel's innovative technology and stringent quality control over the past 30 years makes the Angel Juicer a leader of the global health equipment industry. We are committed to providing our customers with high quality products and unparalleled customer service.

The Angel Juicer ANGELIA can juice almost anything: from carrot and apples to wheatgrass and spinach; it can even make soymilk, tofu, nut butters and frozen fruit sorbets. The revolutionary, all stainless steel design incorporates a twin gear impeller press system that rotates powerfully, while ensuring maximum enzyme and nutrient retention. Whether you are juicing for one person or for a whole family, the Angel Juicer is a big time saver.

Thank you for choosing the Angel Juicer. We are confident that you will be satisfied with your purchase. Enjoy!



Important Safeguards

Please read all instructions carefully. Save these instructions.

- This juicer is for household use only.
- Keep the juicer away from children.
- While the machine is in operation avoid contact with its moving parts.
- The use of attachments not recommended nor sold by the other manufacturer may cause fire, electrical shock, or risk of injury to persons. Do not disassemble or modify any parts other than those necessary for normal operation or cleaning of your juice extractor. Otherwise the warranty will be voided.
- Do not use outdoors.
- Be sure to press the stop button after use. Make sure the motor stops completely before disassembling.
- Do not put your fingers or other objects into the juicer opening (feeding chute) while it is in operation. If food becomes lodged in the feeding chute, use the wooden pusher or another piece of fruit or vegetable to push it down. NEVER USE YOUR HAND. When this method is not possible, press the stop button and disassemble the juice extractor to remove the remaining food.
- To protect against the risk of electrical shock,
 - a. Do Not immerse the main body(motor base unit) of the juice extractor in water or other liquid.
 - b. Do Not use WALL OUTLET that does not have electrically GROUNDED PROPERLY, for safe operation.
- Do not lift the juicer with wet hands. It is heavy and it may accidentally slip from your grip.
- Do not unplug the power cord with wet hands. This may cause electrical shock.
- Unplug the juicer from the electrical outlet when not in use; before assembling or disassembling; and before cleaning or removing foods from the juicer.
- Do not operate the appliance if it has a damaged cord or plug; if the appliance is dropped or damaged in any manner; or after the appliance malfunctions. For any problems, return the appliance to the nearest service center for examination, repair, and/or electrical or mechanical adjustment.
- Do not let the cord hang over the table or counter. Do not let the cord touch any hot surfaces.
- Do not leave your juice extractor unattended while it is operating.
- Do not operate the machine on an unstable surface.
- Do not forcibly operate the juicer or overload the feeding chute.
- Do not heat or boil any of the parts.
- Do not place your juice extractor near a hot gas or electric burner or in a heated oven.
- Use only the 3-prong plug provided.
- For every 30 minutes of continuous use allow the juicer to stop for 10 minutes.
- Do not use the juicer for anything other than its intended use.
- Do not operate the juicer with wet hands in any circumstances.

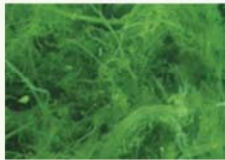
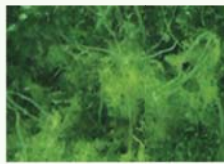
Core Technology

Shattering Helical Gear Technology

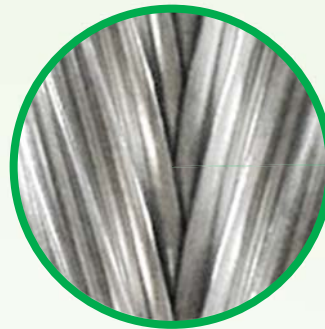
Invented by 30 years of Angel, The SHG™ Technology will extract all the nutritions where deep inside of fiber cells.

Multi Extracting System with Low Speed Corn Screw

The only way to get more juice from material is the "Pressing". Angel Juicer equipped MES™ with LSCS™ technology, uses various type of pressing at multiple stage.



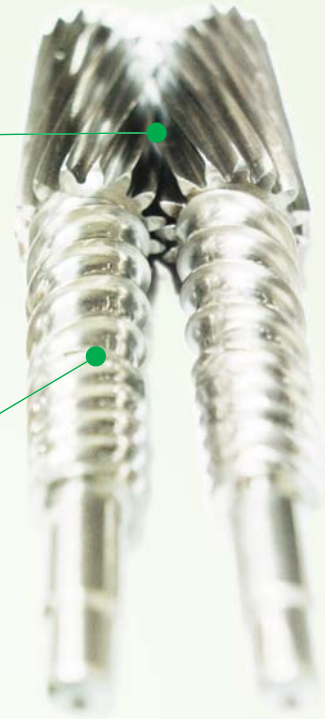
1. Grinded by SHG™ twin gear
2. Grinded by typical twin gear
3. Grinded by single auger



Closeup of SHG™



Closeup of LSCS™



Grinded Fiber Conditions

After grinding we can check out how well the fiber is grinded with a simple test. Put the pulp into a cup of water then you will be able to see each fiber clearly.

The result are shown on the above pictures. Twin gear with SHG™ technology is grinding the fiber as fine minute particles as you can see. The second picture, twin gear as stainless steel with plastic can not destroy fiber enough as extract nutritions where deep inside of fiber cells. The third picture is extracted pulp of single auger type juicer, we can see fibers that are not totally grinded.



Extracted Nutritions

(Korea Advanced Food Research Institute, Nutritions in 400ml of Angelica juice)



Extracting Rate

(Experimental Report by our company, Juice of Angelica 1kg)

Comparison with other type juice extractor

Our research and development team made request to KAFRI (Korea Advanced Food Research Institute) about extracted nutrition of each type of juice extractor.

Left chart shows us results of the analysis.

Angel's SHG™ and LSCS™ technology extracts 82.8mg/kg of Calcium and 15.0mg/kg of Magnesium from Angelica. In spite of the same twin gear juicer, other twin gear extracts just 11.9mg/kg of Calcium and 5.5mg/kg of Magnesium. It means there is no other alternative without SHG™ and LSCS™ technology.

Now you can have 3 to 17 times more effective nutritions and 25% more juice with Angel Juicer. It will make your body healthier and more.

"Each Person is unique and it is the person, not the disease, that has to be taken of." - Hippocrates

Features & Highlights

Ease of Clean-Up & Operation

Unique design with remarkable extraction power makes it easy and simple to use and clean. Newly designed parts make clean-up and assembly easy.

Antibacterial, Professional qualities of Solid Stainless Steel Twin Gears

High quality, solid stainless steel: Angelia5500 & 7500 use SUS-304 (18-8), Angelia8500 and higher model use SUS316 (18-10 or 12) .

Will not react with acidic foods.

No breakable plastic edges.

No worn down plastic .

All Stainless Steel Construction

State-of-the-art design.

82 Revolutions Per Minute (RPM)

Low RPM almost eliminates oxidation keeping more enzymes intact and produce high nutrient juice. The Angel Juicer is the lowest RPM twin gear juicer on the market.

3 HP Grinding Force

The high quality FDA-approved stainless steel twin gears run at 3HP grinding force, allowing you to juice fibrous produce quickly and smoothly. Angel Juicer can crush cellulose fiber, extracting nutrients locked inside.

3-Stage Twin Gear Extracting System

Stage one intensively grind and pressure to the fruits or vegetables.

Stage two takeover pulp from stage one and extracting again with higher pressure than state one.

Stage three takeover dry pulp from stage two and extracting once again with even more higher pressure to producing very dry pulp and more juice.

3-Stage Screen System

3-stage screen filters and maximizes pure juice yield resulting in two to three times the amount of juice extracted compared to other juicers.

Simplicity

Dual three-stage Extracting Housing handles most fruits and vegetables.

No Pulp Adjustment Necessary

The powerful motor provides maximum squeezing and helps produce maximum juice quantity.

Continuous Juicing with Automatic Pulp Ejection

The impeller press system of twin gears enables continuous juicing.

Auto Disassembly Tecnology

It makes it easier to disassemble parts after extracting juice.

"If someone wishes for good health, one must first ask oneself if he is ready to do away with the reason for his illness. Only then is it possible to help him." - Hippocrates

Agricultural Chemicals and Toxic Substances

The Angel Juicer removes over 90% of agricultural chemicals and toxic substances from the surface of fruits and vegetables by separating the juice and the pulp.

Super Quiet Operation

The high-wattage motor with unique motor cooling system means less strain on motor, therefore less heating and increased durability.

Wide Range of Juicing Abilities

Juicing almost anything from carrots and apples to wheat grass and pine needles.

Versatility

In addition to making juice, The Angel Juicer can help you make SoyBean Juicing and the making Tofu, Nut Butters and Frozen Fruit Sorbet.

Automatic Overheat Sensor

A thermal protection device and anti-jam reverse action offer safe use and peace of mind. The automatic motor thermostat prevents the motor from overheating.

6 Safety Devices

Six safety devices include: Automatic Heat Sensor, Dual Switch System, Internal Gear Protection, Reinforcement of Switch Panel, Double Protection Sensor between Motor and Screen Housing unit, and Electromagnetic Wave Protection.

Reverse Turning Safety Features (Model: **Angelia5500 or Super Angel5500 model only)**

Blockages from overloading and jamming can easily be cleared with the reverse action switch.

Artificial Intelligence Safety Features (Model: **Angelia7500 or higher model only)**

This premium feature will automatically detect and remove blockages from overload or jamming.

Fan and Cooling System

Specially designed the motor cooling system with fan prevents motor from overheating and extends the life lasting longer.

Drier Pulp

Ultra-precision 3-stage twin gear system with powerful heavy duty motor bring the maximum extraction of juice, which creates very dry pulp and as a result - more juice. Please compare to other juicers.

Heavy Duty Construction

Angel Juicer is hand-built and precision-engineered of the highest quality stainless steel.

"It is more important to know what kind of person has a disease than to know what kind of disease a person has." - Hippocrates

Name of Parts & Accessories



1. Start Button
2. Stop(OFF) Button
3. Reverse Button
4. Locking Clamps
5. Gear Connecting Zone
6. Power Indicator
7. Feeding Chute
8. Main Power Switch
9. Power Cord Connector
10. Fuse Holder (Box)



Fuse Remove Groove
Spare Fuse



Power Cord



Extracting Housing Standard



Extracting Housing for Soft Fiber (Optional)



Peanut Butter Housing (Optional)



Twin Grinding Gear Set



Splash Guard (Cover)



Cleaning Brush



Screen Scraper (Cleaning Knife)



Juice Tub



Pulp Collector



Wooden Pusher



Filter Silicon Ring (Seal) (Optional)

Premium Brush (Optional)

Silicon Wooden Pusher (Optional)

Stainless Steel Juice Cub (Optional)

How to Operate

Please wash the Juice Extractor parts thoroughly by rinsing with warm water before first use. This will eliminate any traces of dust or residue from manufacturing or shipping.

1. Plug the power cord into the electrical wall outlet.

2. Connect the other side of the power cord into the power cord connector of the motor base unit.



3. Place the juice tub under the Juice Guide.

4. Place the pulp collector under the pulp outlet.



5. Turn the main power switch ON (Red Rocker Switch).

6. Check the power indicator (red light) is ON. Now, ready to juice!

7. Start juicing by pressing the green color "START" button.

8. Insert small amount of Food (Vegetables/Fruits) into the feeding chute by using the wooden pusher.

Note: Please do not let the twin gears idle for extended periods of time without food in the feeding chute. Rotating gears without food may cause irregular operation.

How to Disassemble & Clean

Before starting disassembly, please let the machine run for about one minute to get rid of pulp remaining inside the Extracting Housing.

Now unplug the power cord from the electrical wall outlet.

Next place a soft towel underneath the Extracting Housing to avoid damaging the twin gears in the case that they drop.

Then follow the instruction below to disassemble unit.

1. Make sure that the power cord is unplugged from the power cord connector at the rear side of the motor base unit.



2. Unlock the Extracting Housing by lifting the locking clamp up.



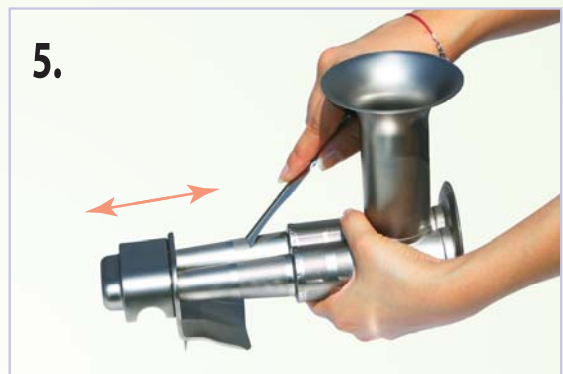
3. Slowly pull the Extracting Housing out from the motor base unit using both hands.



"A wise man should consider that health is the greatest of human blessings and learn how, by his own thought, to drive benefit from his illnesses" - Hippocrates

How to Disassemble & Clean

4. Carefully pull the twin grinding gears, one by one, out from the motor base unit.
 5. Remove pulps or fibers lodged in the screen area by using the Screen Scraper (cleaning knife).
 6. Clean the Extracting Housing & twin grinding gears with the Cleaning Brush.
In order to extend the life span of juice extractor, you need to clean all parts immediately after use and before mineral build-up.
- * If Twin Grinding Gears become stuck due to the pulp lodged in the Extracting Housing :
- a) Plug in the power cord and turn the main (red rocker) switch on.
 - b) Unlock the Clamp by pulling the lever up.
 - c) Place your palm under the Extracting Housing to catch the twin gear set with the Extracting Housing in case it falls.
 - d) Press START button to release the gears from the Extracting Housing. The motor should stop automatically.
 - e) Carefully pull the Twin Gears out from the Extracting Housing.
 - f) Turn the main (red rocker) switch OFF and unplug the power cord from the electrical outlet.
7. To maintain the shiny polish, clean the parts with the soft sponge first and then dry with the soft towel.



*To clean the inside of Extracting Housing:

- a) Slowly insert the cleaning brush into the Extracting Housing under running (warm) water.
- b) Slowly pull the cleaning brush, while turning clockwise (under the running warm water). Repeat this step two or three times.
- c) Do not pull the cleaning brush out straight from the Extracting Housing. Otherwise, the brush handle may break.

- * In order to avoid damaging the magnetic sensor (located at the bottom of the Extracting Housing), do not submerge the Extracting Housing in water.
- * More about Cleaning Tip, please read page 14.

How to Assemble

1. Make sure to unplug the power cord from the electrical wall outlet before starting assembly.
Place a soft towel underneath the Extracting Housing to avoid the damaging the twin gears in case they drop.

2. Carefully insert the Driving Gear into the Driving Gear Shaft.
Please Note! When slowly sliding the driving gear into the driving gear shaft, please do not force the gear into the shaft.

Gently wiggle the gear to align the shaft teeth. When securely aligned between the gear teeth and the shaft teeth, push the gear fully into the slot. Make sure the gears are fully seated.

Insert the Free Wheel Gear to the other shaft.

Always make sure the gears are fully seated before operating.

If you forcefully push the gear all the way into the slot without properly aligning them, the gears can get damaged.

3. Slowly slide the Extracting Housing over the twin gears and push it all the way back to the motor base unit.

4. Push the locking clamp down to lock the Extracting Housing tightly to the motor base unit.

5. Place the Splash Guard on the top of Extracting Housing if needed (when the juice splashes around).

Place the Juice Tub (or stainless steel juice cup) under the Juice Guide.

Place the Pulp Collector under the pulp outlet.
You are ready to juice!



Juicing Tip

1. The Angel Juicer is the only juicer on the market that limits twin gear speeds to a low 82 revolutions per minutes (RPM); the slow RPM helps keep almost 100% of the enzymes and nutrients alive during the juicing process. To maintain the juicer's effectiveness, you should not overload the feeding chute. Doing so may cause the gears to jam and limit enzyme and nutrient extraction.
2. Completely depress food into the feeding chute with the wooden pusher and then feed additional food. Don't worry about depressing the wooden pusher till it touches the twin gears. It will not harm the gears or plunger. The plunger is made from the same high quality wood as those found in fine chopping blocks. Any accidental particles of cellulose scrapped off from contact with the twin gears are natural and non-toxic and will harmlessly pass through with the pulp.
3. If jamming occurs, press and hold the "Reverse" Button for 2 to 3 seconds (or, sometimes, press and hold down as required until it clears) and then press the 'Start' button to continue juicing. Depending on the severity of the jam, you may need to repeat this process 2 or more times.
4. Do not apply the excessive force (pressure) while pushing food down into the feeding chute. The moderate pressure is required to avoid jamming or getting stuck.

Juicing Tips for Specific Foods

Carrots

If your carrot diameters fit into the feeding chute, cutting carrots isn't necessary.

Lengthwise, carrots would be about five or six inches (15cm). Always insert the thinner part first.

Insert only one piece at a time, waiting until each piece is crushed down completely.

Do not put a number of small chopped pieces of carrots into the feeding chute.

Dandelion, Parsley, Endive or other leafy greens:

Feed small handfuls into the juicer at a time, inserting stems (stalks) first.

Wheatgrass

For best wheatgrass juicing results, use very small quantities. Do not insert a bunch of wheatgrass into the feeding chute; sprinkle a bit into the feeding chute. You do not need to use the wooden pusher. Wheatgrass is soft but the pulp is very hard and can sometimes generate a lot of pressure inside the juicer screen. We recommend cleaning the pulp out of the screen before the pulp gets full inside of the screen.

To prevent or reduce foaming, it is helpful to refrigerate the gears, screen housing and wheatgrass for about two to three hours or even overnight before juicing. While juicing, you can spray some water on the wheatgrass, or to pour a half teaspoon of flaxseed oil into the feeding chute before juicing the wheatgrass and while the machine is running. Or, you may brush oil lightly onto the twin gears before assembly and juicing.

Note: If you do not mind your wheatgrass juice mixed with carrot juice, you can minimize foam by alternating wheatgrass and carrots while juicing.

Tips for Cleaning

Maintaining maximum cleanliness of your juicer is extremely important for both your health and the peak performance of the machine.

We recommend cleaning the juicer immediately after use, which is the easiest way to remove food articles.

1. MINERAL SCALES:

After using the machine for some time, you may notice a calcium or mineral deposit on the surface of the Twin Gears. This mineral deposits, which looks like a very thin film, can be removed from the tips of the twin gears by running soaked almonds through the machine.

Another excellent way to remove mineral scales is to soak those affected parts in a pure vinegar bath overnight. This loosens the scaling and much of it can be brushed off.

This process maybe repeated as necessary. The vinegar used for de-scaling can be stored for reuse. Please label the storage bottle properly so that it is not accidentally used in food preparation.

To prevent mineral scales, thoroughly clean the twin gears with warm water immediately after juicing. If delays on above cleaning, the mineral deposit starts to build up (It looks like a very thin film on the surface of twin gears).

2. STICKY RESIDUE:

Dried fruits and nuts can be very sticky on the inside surface of the juicer.

To remove the residue more easily, run a couple of stalks of celery through the machine before disassemble the machine.

3. MOTOR BASE UNIT:

Wipe the exterior surfaces with a damp cloth and dry with a clean towel.

To keep the machine's polish, clean the parts with the soft sponge first and dry it with the soft towel. After cleaning the juice extractor, let it dry thoroughly.

4. EXTRACTING HOUSING:

Do not submerge the Extracting Housing in the water in any circumstances. Because the sensor(magnet) located at the bottom of the Extracting Housing can be damaged, please clean(wash) the Extracting Housing with the cleaning brush under the running water as instructed on page 11 (Tips for cleaning the inside of Extracting Housing). Washing the Extracting Housing with water doesn't harm the sensor of the unit, only submerging the Extracting Housing in the water is prohibited.

5. CLEANING THE CLOGGED HOLES OF EXTRACTING HOUSING:

Do juice the lemon and DO NOT clean the screen right after juicing. Please leave the screen for all day without cleaning so that the acid from lemon juice can remove the residue on the Extracting Housing. Then, clean the Extracting Housing with cleaning brush under the running water. You can repeat it for better result.

We do not recommended that harsh chemicals, such as bleach, to remove food stains from the juice extractor.

How to Replace the Fuse

Please proceed the following steps.

1. Make sure to unplug the power cord from the electrical wall outlet.
2. Do not place your juicer upside down or on its side as this may cause damage to the motor unit.
3. Locate the fuse box. (underneath the power cord connector)
4. Pry off the fuse holder from the fuse box by using a small flat head screwdriver. (there is a small groove on the fuse holder of which you can use pry off)
5. Remove the whole fuse holder by hand and replace it with a new fuse. (an extra is located inside the fuse holder)
6. Carefully insert the fuse holder into the fuse box underneath the power cord connector.



Fuse Remove Groove


Fuse

Spare Fuse

Trouble Shooting

Problems	Checking Points
No Power	<ol style="list-style-type: none"> 1. Check that the power supply is active. 2. Check that the power cord is correctly positioned into both the electrical outlet and the power cord connector. 3. Check the machine is switched on. 4. Check the fuse. See instructions -How to replace the fuse (page 15).
Machine doesn't Start	<ol style="list-style-type: none"> 1. Make sure that the machine is switched on. 2. Check the fuse. See instructions -How to replace the fuse (page 15).
Twin Gears are Noisy	<ol style="list-style-type: none"> 1. Check to see if anything is lodged in the gears. 2. Check the slot between the twin gears is clean.
Machine Stops	<ol style="list-style-type: none"> 1. Check that the machine is correctly assembled. 2. Make sure the machine is not overloaded. 3. Use smaller sizes or portions of food. 4. Check the fuse. See instructions -How to replace the fuse (page 15).
Food is Jammed	<p>Angel Juicer has an automated stop safety system that disables the machine, when the Feeding Chute is overloaded. In the event of an automated stop, press the 'Reverse' button for 2 to 3 seconds (or press and hold down as required until it clears) and then press the 'Start' Button to continue juicing. Repeat as needed.</p>
Juice is backed up or clogged in the Feeding Chute	<p>Overloaded food or sticky food may clog normal flow. Slowly feed one piece of food or small portions of food at a time into the feeding chute. If problems persist, add water to sticky food to ease flow.</p>
Twin Gears are stuck to the Extracting Housing	<ol style="list-style-type: none"> 1. Plug the Power Cord into the electrical wall outlet. 2. Turn the main (red rocker) switch ON. 3. Unlock the Clamp by pulling the lever up. 4. Place your palm under the Extracting Housing to catch in case it falls. 5. Press START button and the Extracting Housing should be released from the Motor base unit and the motor stops running automatically. 6. Turn the main (red rocker) switch OFF and unplug the Power Cord. 7. Carefully pull the Twin Grinding Gears out from the Extracting Housing.

Specification and Detail Image

Manufacturer	 /	Made in KOREA
Model Name	Angelia 5500	Angelia 7500 or Higher Model
Artificial Intelligence (Auto Reverse)	Not Equipped	Equipped
Operating Method	Automatic	
Electric Voltage/Frequency	Single Voltage (Depends on Country)	
Electric Power (Motor)	120~180Watt, 1/4 Hp	
Grinding Force	3 HP	
Twin Grinding Gears	220mm(L) X 34mm(D) / 8+3/8" L x 2+3/8" D (inches)	
Revolution Per Minute (RPM)	82 RPM (Twin Grinding Gears)	
Chute Opening	43 mm / 1.7in.	
Unit Weight	9.5 kg / 20.8 LBS.	
Unit Dimension	500 L x 260 W x 260 H (mm)	
Shipping Weight	12.7 kg / 28 LBS.	
Shipping Dimension (Outer Box)	565(L) x 275(W) x 380(H) (Millimeter)	
Certifications	CE, ISO9001:2000, ISO14001:2004 TUV, C-TIC, AS, ETC..	



"A wise man should consider that health is the greatest of human blessings and learn how, by his own thought, to drive benefit from his illnesses"

- Hippocrates

Seed Juice: the Benefits

Seed juice is made by grinding and juicing an assortment of seeds, best extracting the cell-revitalizing substance and other nutrients that seeds contain.

Seed juice renews and maintains the elasticity of veins, increases stamina, and is widely known to be effective in preventing and treating modern adult diseases.

Types of Seeds

Sunflower, pumpkin, sesame, perilla, primrose, rose, flax, pomegranate, etc.
Types of buds Wheat, barley, asparagus, millet, alfalfa

Functions and Effects of Each Nutrient

Selenium (Se): Anti-aging; protects cell makeup and walls; prevents cancer; prevents and treats dandruff; vitality and stamina; fights menopausal disorder, heart disease, arthritis; and strengthens glands and blood circulation.

Vitamin E: Strong effects against oxidation; cell revitalization; provides oxygen to tissues to improve durability of the lungs as well as protection from air pollution; vasodilator; prevents blood clotting; heals burns fast and effectively; and a diuretic.

Vitamin Bs (B1~B17): Promotes growth; improves appetite and digestive functions, fights motion sickness by maintaining balance in nerve tissues, muscles, and heart functions; cell renewal, providing luster to skin, nails, and hair; improves eye sight, speeds up metabolism of carbohydrates, fat, and protein; essential for hormonal combinations, such as cortisone, thyroxine, insulin, and sexual hormones; essential for brain and nervous functions; skin elasticity.

Zinc (Zn): Maintains enzyme-producing cells; promotes muscle activity; helps produce insulin; maintains pH stability and balance in blood; maintains proper functioning of prostate glands; develops all reproductive functions.

PABA (Para-aminobenzoic acid): Prevents hair-graying; healthy and clear skin; anti-wrinkling; screens and protects from UV rays; promotes protein circulation.

How to Extract Seed Juice

Warning!! - Must grind the seeds with water, to avoid from serious damages on the Extracting Housing.

Grind the seeds **WITH WATER**, using the Angel Juicer.

Slowly put in a 5:1 ratio of water to seeds.

Put the remaining grounds through the juicer again, mixed with water.

Slowly pour 1/2 cup of water through the juicer.

Strain the juice once through the sifter.

Mix well with honey before drinking

Ingredients (1 serving)

3 tbsp. Seeds

1 1/2 tbsp. Honey

1 cup(8oz.) Water

How to Make Soymilk, Nut Butters & Grind Beans, Grains

How to Make Soy Milk (Soy Bean Juicing)

1. Wash your soy bean.
2. Boil soybeans (Ratio of Soy bean 1 : Water 4) for about 5 to 6 minutes.
3. Place the juice tub and pulp collector under the juice Guide.
4. Turn switch(power) ON.
5. Put the boiled soybeans into the feeding chute a little at a time with a small amount of above boiled water
6. Turn switch(power) OFF.
7. After all done, clean machine parts.
8. Ready to serve.

How to make Nut Butters (With Option Part)

1. Soak nuts in the water for 6 to 12 hours. Peanuts do not need to be soaked in the water.
2. Drain.
3. Place the juice tub under the Juice Guide to the Pulp Outlet side.
4. Turn switch(power) ON.
5. Feed nuts into the feeding chute a little at a time. If needed, feed nuts with a small amount of water.
6. If you do not get the consistency the first time, repeat.
7. Turn switch(power) OFF.
8. Clean machine parts right after use, before the nut butter dries and gets sticky.

For Grinding Beans or Grains

1. Soak beans or grains in water for 6 hours or more.
2. Drain the beans or grains.
3. Place the juice tub and pulp collector under the juice Guide.
4. Turn switch(power) ON.
5. Put the beans or grains into the feeding chute a little at a time, and if needed, feed beans or grains with a small amount of water.
6. Turn switch(power) OFF.
7. After all done, clean machine parts.

How to Make Tofu

1. Wash 400 grams of soybeans and soak in 3.6 liters of water for five to ten hours until they get soft.
2. Grind the soaked soybeans by alternating putting the soaked soybeans and water (soybeans: 6/ water: 1 ratio) into the feeding chute. You will get bean curd.
3. Grind the bean curd repeatedly until it turns to soymilk.
4. Pour the soymilk into the pot and boil. Reduce the flame to low when it overflows. Stop boiling after you've reduced the flame three times.
5. After five minutes of cooling, mix the boiled soymilk with coagulant (brines) and wait until it turns to jelly.
6. When the soymilk and coagulant (brines) turn to jelly, the tofu is ready to eat. Some water with the tofu is normal.
7. If you would like to shape the tofu, use a mild and a linen towel.



Making a Tofu Coagulant

Place more than a sack of 500g salt on a container, sprinkle water with the spray on the sack 3 times a day and let the salt absorb moisture, dissolve gradually. (Need more than 2 or 3 days)

Vitamins & Minerals from Juices

Type	Benefits	Sources
Vitamin A	Improves Vision, Healthy Immune System, Growth & Development of Cells, Healthy Skin.	Carrots, Sweet Potatoes, Pumpkin, Kale, Cantaloupe, Apricots, Peaches, Papayas, Mangos.
Vitamin C (ascorbic acid)	Forming Collagen, Healthy Bones, Teeth, Gums, Blood Vessels. Helps the body absorb Iron & Calcium, Wound Healing, Brain Function.	Red Berries, Kiwi, Red & Green Bell Peppers, Tomatoes, Broccoli, Spinach, Juices made from Guava, Grapefruit, Orange.
Vitamin E	Antioxidant & Helps protect Cells from damage. Healthy Red Blood Cells.	Green Leafy Vegetables.
Vitamin B6	For Normal Brain & Nerve Function. Body Breakdown Proteins. Making Red Blood Cells.	Potatoes, Bananas, Beans, Seeds, Nuts, Spinach.
Riboflavin (vitamin B2)	Essential for Turning Carbohydrates into Energy. Producing Red Blood Cells. Improving Vision.	Green Leafy Vegetables, Broccoli, Asparagus.
Folate (vitamin B9)	Making Red Blood Cells. Making DNA.	Green Leafy Vegetables, Asparagus, Oranges & other Citrus Fruits.
Calcium	Building Strong Bones & Teeth. (Osteoporosis)	Broccoli, Dark Green leafy Vegetables, Orange Juice, Soymilk.
Iron	Helps Red Blood Cells carry oxygen to all parts of the body. Symptoms of Iron-Deficiency Anemia include Weakness and Fatigue, Lightheadedness, Shortness of Breath.	Lentils, Beans, Soy Foods, Green Leafy Vegetables, Raisins.
Magnesium	Helps Muscles and Nerves Function, Steadies the Heart Rhythm, Keeps Bones Strong. It also helps the body create energy and make proteins.	Nuts, Seeds, Green Leafy Vegetables, Potatoes, Beans, Avocados, Bananas, Kiwi, Broccoli.
Potassium	Helps with Muscle and Nervous System Function. It also helps the body maintain the balance of water in the blood and body tissues.	Broccoli, Potatoes (with skins), Green Leafy Vegetables, Citrus Fruits, Bananas, Dried Fruits, Legumes such as Peas, Lima Beans.

Apples provide whole-body benefits and really do keep the doctor away!

They help to lower blood cholesterol and remove metals and toxins from the body, improve bowel function, reduce risk of stroke, lung, colon and prostate cancer, type II diabetes and asthma.

The disease-fighting profile of apples provides a multitude of health benefits, including a potential decreased risk of cancer and heart disease.

Apple improves digestion, colon health and promotes weight loss. Apples provide Vitamin C, B, iron, magnesium, calcium, zinc, potassium, folic acid and fiber.



Asparagus Research has proven that asparagus does contain several substances which are vital to overall health.

Asparagus is very rich in Folic acid, a B vitamin which aids in the duplication of cells for growth, repair of the body and blood cell reproduction in the bone marrow.

Folic acid has recently been discovered to have a profound effect in the prevention of two of the most common neurological birth defects: spina bifida and anencephaly. Folic acid has also been established as a nutrient that prevents cervical cancer.

According to the National Cancer Institute, asparagus is the highest tested food containing Glutathione, one of the body's most potent anticarcinogens and antioxidants.

Additionally, asparagus is high in Rutin, which aids in strengthening the blood vessels. Asparagus is also an excellent source of Potassium, Fiber, Vitamin B6, Vitamins A & C, Triamin and Folic Acid.

Barley Grass (Organic)

The health benefits of barley grass include increased energy levels, enhanced digestion and immunity, anti-inflammatory actions, antioxidant protection, and neutralization of pesticides and other toxins.

Barley Grass contains more dietary fiber than bran and is a rich source of beta carotene, chlorophyll, iron, enzymes, vitamin C (seven times more than oranges) Vitamin B-12 (important for brain function), and 19 essential amino acids. It aids the body in DNA repair, helps improve stamina, and clarity of thought.



Beet Root

- Contains Betaine, which helps maintain liver function.
- The nucleic acids in beets nourish cells and supports cell respiration in the body.
- Supports cardiovascular health.
- Blood-supporting & building.
- Supports the blood with beneficial minerals and natural sugars.
- The body assimilates iron from the beet root
- more easily than any other known food
- unlike other sources of iron.
- Assists in maintaining cellular health.
- Helps maintain whole body health.
- Helps provide an easy assimilation of a wide spectrum of nutrients.
- Digestive stimulator, kidney purifier.
- Beets contain an abundance of Potassium, Niacin, Folic Acid, Zinc, Manganese, Magnesium, Chlorine, Phosphorus, Calcium, Sulfur, Iodine, Iron and Copper, as well as traces of the rare metals Rubidium and Cesium.
- Beets contain Carbohydrates, some Protein and Fat, as well as Vitamins A, B1, B2, niacin, B6, B12, and C.



Broccoli contains the phyto-nutrient Sulphoraphane.

Sulforaphane belongs to a class of phytochemicals known as isothiocyanates, which are known to strongly stimulate the body's natural detoxifying enzymes. Aids in Cancer prevention and cell detoxification.

Broccoli is rich in vitamins A, C and folic acid and a full spectrum of minerals.

Cabbage contains naturally occurring phytonutrients.

These phytonutrients, such as sulforaphane, are believed to have powerful antioxidant and protective capabilities.



Cranberry are well-known for treating & preventing urinary-tract infections, but they also protect against cancer, stroke and heart disease and are a natural antibacterial.

Cranberries are rich in potent antioxidants - polyphenols and procyanidins. Cranberries help reduce cholesterol, gum disease and stomach ulcers and inhibit the growth of human breast cancer cells. High in Vitamin C and dietary fiber. The fruits contain a variety of compounds including anthocyanins, flavonol glycosides, catechin, various organic acids, and small amounts of alkaloids.



Carrot provide an excellent source of alpha & beta carotene -antioxidants that inhibit free radical formation.



Carrots contain Folic acid, Vitamin C, potassium, calcium, iron and magnesium.

Carrots contain glutathione, which helps the body recycle vitamin E and increases the body's production of white blood cells. Carrots support skin and eye health and the immune system.



- Maintains a healthy circulation and supports the immune system.
- Carrot juice is an extremely rich source of alpha and beta-carotene, which is converted by the body into pro-vitamin A (natural vitamin A).

Vitamin A is essential for the normal development and health of many body tissues, including the skin and eyes. It is considered essential for the visual cycle (focusing the conversion of light stimuli into electrical impulses), pigment formation in the skin, and as an antioxidant in the cells.

The level of Vitamin A required by the eyes can increase up to fifty-fold when working with a computer, watching television, driving a car at night, and reading and writing under artificial light, all of which place great demands on the eyes.

- Beta-carotene is also a photochemical which research is now proving can help reduce disease risk, help fight infection and supports bone growth and maintenance.
- Considered to be one of nature's finest alkaline foods and has the ability to help maintain intestinal viflora.
- Carrot juice is a good source of folic acid, calcium, iron and magnesium, as well as vitamins B, C, E viand K.
- Carrot juice stimulates digestion and cleanse the liver.
- Carrots contain glutathione, which helps the body recycle vitamin E and increases the body's production of white blood cells.
- Maintain healthy cellular function.
- Due to its alkalizing action in the body, carrot juice is considered to be an excellent source of helping maintain proper pH balances

Celery is rich in vitamins A and C, calcium, folic acid, and potassium.

Provides fiber and carbohydrates.

Celery is thought to have a relaxing effect by calming the nerves.



Cucumber is a powerful diuretic. It will help to expel uric acid from the body and is a valuable remedy for arthritis, gout, and rheumatism.



Cucumber is also an excellent remedy for skin and hair problems due to its silicon and sulfur content combined with its powers as a diuretic.

It is also useful in normalizing the blood pressure.

Dandelion Leaf is a blood purifier and liver tonic, which stimulates the liver to detoxify.



High content of easily assimilable minerals, helps keep electrolytes in balance, removes excess water and increases bile flow. The leaf is high in potassium, which most diuretics leach from the body. High in nutrition to build the blood.

A very nutritive herb with medicinal benefits of stimulating the liver and kidneys while absorbing toxins and soothing the digestive tract. Dandelion Leaf is abundant in calcium, iron, potassium, sodium, and vitamins A, C and E.

Ginkgo Biloba leaves have traditional uses in cardiac and vascular support, these actions relate partially to the antioxidant and 'vitamin P' activity in the flavonoid contents of quercetin, proanthocyanidins, isorhamnetin and luteolin, in addition to the terpenes ginkgolide and bilobalide.



This herb is believed to inhibit water retention, enhance cellular energies, help oxygenate the blood, prevent clotting, promote glucose utilization, and improve brain functions, memory retention and boosts neurotransmission.

Thought to help with depression and asthma. Improves cerebral and peripheral circulation, oxygenation and blood flow.

Aids in the utilization of glucose. Adequate concentrations of glucose fuels the brain with energy.

The brain cannot burn fat or protein only glucose.
The breakdown of glucose increases energy and the burning of fat.

Ginkgo has anti-oxidant properties in that it may protect the cells from free radical damage and improve overall blood circulation.

Ginkgo may be effective in impotency due to arterial insufficiency.



Ginger Root helps relieve nausea and upset stomach. Supports the circulatory, digestive and cardiovascular system. Helps ease cold, flu & allergy symptoms. Natural expectorant and anti-microbial. Posses antioxidant, antibiotic, inflammatory and pain relieving properties.

Garlic contains calcium, copper, essential oils, iron, magnesium, manganese, potassium, sulfur, zinc, Vitamins A, B1, B2, C and the amino acid Allicin.

Supports the body's ability to regulate cholesterol levels, reduce blood pressure & blood clots, improve circulation and maintain a healthy heart. Stimulates immune system function, fights bacteria and detoxifies the body. Supports the body's ability to defend itself against infection, colds, coughs, asthma, gastrointestinal problems and parasites.



Preliminary evidence shows that the potent antioxidants in garlic that may help prevent cancer.

Grape Seed Extract has been found to be the most powerful antioxidant (free radical scavenger) known to man; 20x stronger than Vitamin C and 50x stronger than Vitamin E.

The extract from grape seeds may have a purity of up to 95%.

It is thought to sharpen mental alertness because it is one of the only (if not the only) antioxidants able to cross the blood-brain barrier.

It is also thought to restore capillary activity to normal, strengthen capillary walls, and restore flexibility to arterial walls.

Grape Skin Extract is rich in proanthocyanidin flavonoids, which have demonstrated a number of important biochemical properties: they act as free-radical scavengers, help resist blood vessel damage and skin damage, inhibit inflammatory enzymes, and inhibit histamine formation. Grape Skin has been shown to be 50 times more effective than vitamin E and 20 times stronger than vitamin C.

These astounding properties may enable free radicals to be scavenged out of the body, while improving circulation, capillary activity, back pains, heal spurs, skin conditions, memory, and may be helpful with those affected by Attention Deficit Disorders.

Grape Skin Antioxidants have been extensively researched in Europe, and have been widely used there for more than 20 years.



Grapefruit Grapefruit helps break down fat, lowers cholesterol and balances the blood sugar.

Nutrient Glossary

Kale, like other members of the cabbage family, is a good source of vitamin C and is rich in phytochemicals, including sulforaphane and indoles, that may protect against cancer.

Kale has a substantial mineral content, providing manganese as well as some iron, calcium, and potassium. There's antioxidant vitamin E in the flavorful leaves as well.



Lemon contain highest vitamin C content of any citrus fruit.



They are high in fiber and contain no fat or sodium.

Lemon juice is also thought to inhibit the absorption of fats.

Lemons have natural plant chemicals ('phytochemicals') called 'monoterpenes' in their skin that both protect against cells becoming cancerous, and help fight existing cancers.

Saw Palmetto has two distinct actions.

It may block the enzyme responsible for the formation of DHT or dihydrotestosterone, which can contribute to the possible negative side effects of the Prohormones, including hair loss in men. Saw Palmetto may also be anti-estrogenic.

This means it may have the ability to decrease estrogen absorption, which can be elevated from increased testosterone levels.

Orange have natural plant chemicals ('phytochemicals') called 'monoterpenes' in their skin that both protect against cells becoming cancerous, and help fight existing cancers.

They are high in Vitamin C and Folic Acid.

Recent tests on the anti-oxidant effectiveness of various commercial fruit put oranges at number five in effectiveness against damaging oxidative processes in cells. Scientists have recently identified several bioflavonoids from citrus that inhibit certain cytochrome P450 enzymes.

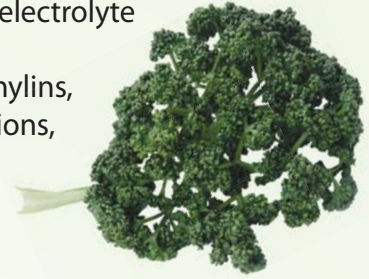


One cytochrome enzyme, P450 1B1, can activate cigarette smoke, pesticides and other substances ('procarcinogens') in the body to become carcinogens.

Hesperetin, the most abundant bioflavonoid in the juice of oranges, has been found to inhibit P450 1B1 from metabolizing procarcinogens, significantly reducing the opportunity for them to be converted into carcinogens.

Nutrient Glossary

Parsley is an excellent herbal source of trace minerals, especially the electrolyte minerals including sodium, potassium, calcium, and magnesium. It is also an excellent herbal source of Vitamin A, Vitamin C and chlorophyllins, all natural detoxifiers. Parsley has been used to treat urinary tract infections, amenorrhea, dysmenorrhea, dyspepsia, bronchitis, allergies, arthritis, asthma, flatulence, dysuria and nephritis.



Anticancer because of its high concentrations of antioxidants, such as monoterpenes, phthalides, polyacetylenes can help detoxify carcinogens and neutralize carcinogens in tobacco smoke it has diuretic activity, and may reduce accumulation of plaque in arteries and prevent unhealthy blood clotting.

Pineapple is a source of digestive enzymes Bromelain and Betaine. Bromelain breaks down protein, hence it is a natural meat tenderizer. It can also break down blood clots and clean away the dead tissue left by burns, abscesses, ulcers, and various kinds of surgery.



South American Indians used pineapple poultices to reduce inflammation in wounds and other skin injuries and suppresses inflammation. Aids digestion, helps dissolve blood clots and prevents osteoporosis and bone fractures because of its high manganese content, Antibacterial, antiviral, mildly estrogenic.

In addition, pineapple is a fantastic source of minerals, potassium, chlorine, sodium, phosphorus, sulfur, calcium iron, iodine. It is also rich in vitamin A, B complex and vitamin C.



Raspberry Raspberries are rich in anthocyanin antioxidants and cell protecting, cancer fighting phytochemicals such as ellagic, coumaric and ferulic acid.

They also contain fiber, calcium, manganese, vitamins such as A, B, C, E, fiber and folic acid.

Raspberries have antibacterial, anti-yeast and antifungal properties. They promote wound healing, heart and liver health.

Spinach contains iron, chlorophyll, potassium, magnesium, calcium, folic acid, vitamin C, E and beta-carotene and the antioxidant glutathione. Thought to be a cancer antagonist.



"Each Person is unique and it is the person, not the disease, that has to be taken of." - Hippocrates

Wheat Grass is a concentrated superfood that contains 25% protein, a higher percentage than is contained in meat and fish, and is rich in chlorophyll.

Chlorophyll is called “the blood of the plants”, because it is a very similar structure to human hemoglobin, which also helps purify and detoxify major body systems (especially the liver, lungs and colon) and counteracts the growth of unfriendly bacteria.

Wheat grass helps the body resist harm from x-rays, radiation therapy and air pollution.

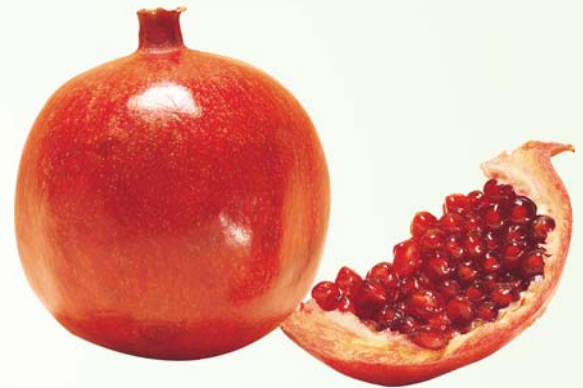


The Female Hormone

Various types of hormones are produced in our brains, digestive systems, ovaries, and testes. Hormones are mysterious substances that are absolutely essential in maintaining our livelihood.

Possible Symptoms of Female Hormone Deficiency:

- * Facial flush
- * Nervous incontinence
- * Deterioration of heart and blood vessels
- * Loss of reproductive functions
- * Memory loss (such as Alzheimer's)
- * Skin Aging
- * Decrease in bone mass (such as Osteoporosis)



Benefits of Pomegranate

1. Skin tightens and muscles strengthen
 - * Increase in skin tightness
 - * Increase in muscle strength
 - * Increase in energy and stamina
 - * Decrease in body fat
 - * Decrease in wrinkles
 - * Increase in eyesight
 - * Improvement of osteoporosis
 - * Increase in joint flexibility
 - * decrease in urination frequency
 - * Digestive improvements
 - * Insomnia improvements
 - * Menstrual regulation
 - * Mental stability
 - * Memory improvement
 - * Growth of new hair
 - * Decreased depression
2. Fortified Sexual Functions
 - * Strengthens vaginal contractions
 - * Stabilization of vaginal discharge
 - * Increased libido
 - * 62% increase in erection sustenance
 - * Sperm count increase
 - * Recovery of youthful sexual strength
3. Fights Obesity and Increases Immunity
 - * Effective on menopausal disorder and arthritis
 - * Decreases body fat, especially abdominal
 - * Improvement in scar healing
 - * Prevents osteoporosis and/or further bone damage

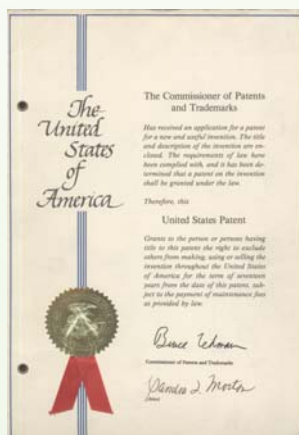
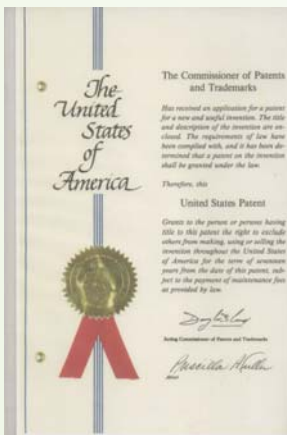
History of Angel co.,LTD. & Patents

- May. 1982 A first step with developing juicer
- Dec. Finished developing vegetable grinder
- Jun. 1983 Released vegetable grinder in market
- Nov. 1st modify of vegetable grinder
- Feb. 1984 Established Angel Co., Ltd.
- May. 2nd modify of vegetable grinder
- Nov. Release 1st Juice Extractor in market
- Nov. 1987 Released new model
- May. 1991 New "Automatic Juice Extractor" model released
- Jun. Selected as the promising small and medium industry by government
- Jul. Established branch office in Tae-Gu
- Aug. Started TV commercial broadcasting at MBC
- Sep. Acquired electronic product license
- Jan. 1992 Released new model.
- Feb. Relocated factory and started auto assembly line
- Mar. Registered with Safety Control Association covering electrical device
- Dec. Test opening of Angel House store in Seoul
- Jan. 1993 Released new model with AI
- Mar. Selected as official juicer at EXPO '93 in Korea.
- May. Released new model with fully stainless steel and AI
- Jun. Opened a sanitarium in Harbin, China
- Oct. Established 1st Angel House store
- Mar. 1994 Built 2nd manufacture in Bu-chon
- Apr. Relocated head office to Seoul. Established branch office in LA
- May. Released new model (plastic)
- Apr. 1998 New model released : Optima
- Apr. 2000 New model released :
- Mar. 2004 New model released : Angela 2
- Dec. Started business-use juicer production
- Feb. 2005 Started factory-use production
- Mar. Certificated as Customer Satisfaction Power Brand
- Feb. 2006 New model released : Angelia 5500
- Dec. 2007 New model released : Angelia Gold Limited Edition
- Jan. 2008 New model released : Angelia 3500 (manual)
- Apr. New model released : Angelia 7500 with AI control
- Sep. Member of Korea Industrial Technology Association
- Dec. Certificated as Exellent Exporting Manufacture by Small and medium industry promotion corporation.
- Jun. 2009 New model released : Angelia 2 series



History of Angel CO.,LTD. & Patents

- Sep. 1991 Registered Korea patent on a new device (multipurpose Duijige)
- Registered Korea patent on a new device (Juicer)
- Oct. 1992 Acquired American patent.(Juicer)
- Jun. 1993 Registered German trademark
- July. 1994 Registered Korea patent on a new device (multipurpose writing materials)
- Dec. Acquired Australian patent (Juicer)
- Dec. Registered Korea patent on a new device (juicer)
- Jan. 1995 Acquired Australian patent (Juicer)
- Mar. Acquired Australian patent (Juicer)
- Acquired Korean patent (Making method of Collection and it's equipment)
- Acquired Korean patent (Juicer)
- May. Registered Korea patent on a new device (Juicer)
- Acquired Japanese patent (Juicer)
- May. 1996 Registered Korea patent on a new device (Juicer)
- Jun. Registered Korea patent on a new device (Juicer)
- Acquired Korean patent (Juicer)
- Nov. Acquired German patent
- Dec. Acquired Brazil patent (Juicer)
- Jan. 1997 Acquired American patent (Juicer)
- Mar. Acquired American patent (Juicer)
- May. Registered Korea patent on a new device (Juicer)
- Aug. Acquired Korean patent (Juicer)
- Jun. 1998 Registered Korea patent on a new device (water seal for water leakage prevention)
- Apr. 1999 Acquired Korean invention patent (Food waist processor)
- Jun. Registered Korea patent on a new device (Juicer)
- Dec. 2000 Acquired Chinese Patent
- Acquired Korean patent on invention, new device (push-sending screw for juicer use)
- May. Acquired Korean patent on invention, new device (Juicer)
- Jul. Acquired Korean patent on invention, new device (Juicer)
- Apr. 2003 Acquired Korean patent on invention, new device (Juicer)
- Oct. Acquired Korean patent (Juicer)
- Jan. 2004 Acquired Korean patent (Juicer)
- Jun. 2005 Acquired Korean patent on invention (Juicer)
- Apr. 2006 Applied for Korean patent on invention (Juicer)
- Sep. Applied for Korean patent
- Mar. 2007 Applied for Korean patent
- May. Registered the Brand of Juicer: 3 items



"Let's the food be the first medicine." - Hippocrates



엔젤 녹즙기
Angel Juicer
SINCE 1982

Distributor

Wholsaler

