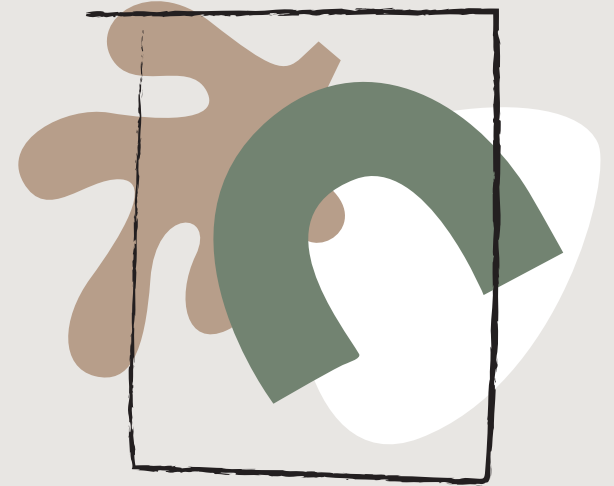




Vapomist Steam
the new frontier
of wellness



Science as inspirational muse

behind every technological development to bring body and mind into a beneficial condition of relax.

Design irreplaceable basis

for finding the right balance between form and proportion, space and ergonomics.

Sustainability fundamental equation

between nature and work, for an ecological vision of the future.





An Italian project of an Italian company that blends science and beauty-business

Beauty*Star is a company which has been for over 20 years in the beauty design business, which furnishes hair stylist salons and e barber shops. Since always the keywords of the Maletti Group are design, research and innovation. We strongly believe that a salon could only grow financially if it is able to offer a prompt response to market needs.

Wellness is the current keyword in haircare in the last few years and for this reason Beauty*Star has spent time studying and developing a products that allows a more natural and healthy approach to beauty.

Vapomist is the answer. Vapomist effectively combines beauty and health, with clear benefits for the salon and its image.



UNIQUE IN ITS CATEGORY,
Vapomist OFFERS THE POSSIBILITY TO MAKE TREATMENTS WITH HOT STEAM
AND COLD STEAM, ON SEVERAL MODELS AMONG OUR WASH UNITS.
THE BEST SOLUTION IS TO COMBINE IT WITH THE NEW ALMOND FOR THE TYPICAL
RECLINING CHAIR WITH INTEGRATED MASSAGE WHICH GIVES TO THE CUSTOMER
AN EXPERIENCE OF COMPLETE RELAX.

A research carried out
in collaboration with the Department of Speciality,
Diagnostic and Experimental Medicine (DIMES)
Università degli Studi of Bologna

Scienze as the “inspirational muse” behind” every technological development
and cultural change.

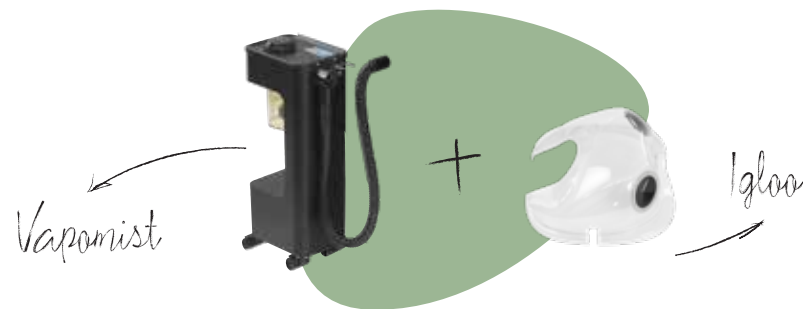
It is from here that our collaboration with Università degli Studi of Bologna starts.

With Vapomist, combined with all our wash units , washing becomes a treatment for
the health and growth of hair and the health of the scalp.

A moment of true well-being for the customer, who is increasingly attentive and
informed with regard to the opportunities that the haircare market offers.



An haircare SPA that combines beneficial hair treatments with the relaxation of body and mind



“Visiting the hairdresser” means dedicating a couple of hours to yourself, taking a break in order to make yourself more beautiful. But it is no longer just this.

For several years, the hair salon can be considered a real wellness center, in which you can relax and treat your hair and scalp with specific treatments which improve their health and consequently their beauty.

This concept of associating cosmetic treatments with others that are good for you has given life to the **Vapomist** System which can be combined with all Beauty*Star wash units, able to create an authentic SPA for hair and scalp.

The wash unit with steam treatment **Vapomist** offers the head a sauna with hot steam, bringing to hair and scalp all the benefits of the hot steam while the customer enjoys a relaxing experience, thanks to the reclining massage chair (wash unit New Almond suggested).

It is also possible to expose the hair to atomised cold water, the microparticles of which penetrate deep into the hair shaft, hydrating it and encouraging a style to hold. The hot steam treatment can be carried out with or without the addition of specific cosmetic products, selected depending on a customer's needs. Penetration into the hair and scalp is encouraged and boosted thanks to both the massage and the hot steam.

the heat

Exposing the hair and scalp to hot steam, for a “sauna effect”



Cold steam post-treatment of atomized water

the cold

What benefits do the different components of the Vapomist System offer the customer?

FIRST AND FOREMOST:
RELAX!

Despite it is not the primary goal of the Vapomist treatment, this is not to be underestimated.

The customer enjoys the treatment in a very comfortable position, laying back on the reclining chair (New Almond) that also provides a continual back massage or in sitting position. Vapomist can be combined with all our wash units.

1

Relax

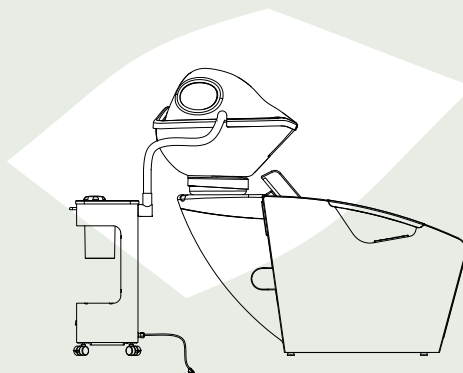


Vapomist 1

(hot steam treatment only)

Only with demineralized water directly in the water tank.

It does not require hydraulic installation.



LEVEL ALARM LED WITH NO WATER PROTECTION.
FLEXIBLE SUPPLY TUBE WITH RAPID CONNECTION
COMPATIBLE WITH BEAUTY*STAR DISPENSER
RAPID FILLING SYSTEM WITH DISTILLED WATER.

mobile steam dispenser



demineralised water



adding of scents



Water charge cap with a little tap inside for the essences use

touch keypad

directional supply valve

demineralised water tank

general power switch

power connection box

power supply



multi function push-button panel



device activation

power led

steam production

water -supply level led

What benefits do the different components of the Vapomist System offer the customer

A NEW TRAITEMENT,
NEVER SEEN BEFORE

The Vapomist system treats the hair and scalp with hot steam, which allows for deep cleaning and the removal of smog, toxins and sebum, and improves the health of hair, stimulating growth thanks to the beneficial effect it has on the microcirculation system.

2 Hot Steam



The power of science at the service of well- being



fig.1

In order to understand how to correctly take care of the health of our hair it is necessary to have well in mind that there are two important components on which we should focus treatments: the hair, that is the hair shaft which emerges from the head and grows 1 cm each month and the scalp, that is the skin from which hairs come out (fig.1). It is in the scalp, deep, where the bulb of the hair follicle is located, which is the "vital" part, surrounded by blood vessels and nerves which regulate the cyclical activity of hair production.

*The bulb is the profound part of the hair follicle, richly vascularized and made of living cells and with an intense proliferative activity., which produces and make the hair growing.
The hair is a keratin structure.*

The hair shaft is made up of three sections (fig.2):

- the cuticle, the most external part that is exposed to the environment. It has a very resistant structure, tasked with protecting the hair from environmental damage. It is composed of 5-8 layers of flat cells that overlap in a way that means their free edge faces towards the distal extremity of the hair. (fig.3).
- the cortex, composed of tapered cells full of keratin filaments and immersed in an amorphous matrix with an high content of disulphide bonds, making them very adherent and strong. These cells, known as hair fibres, are elongated along the main axis and contain grains of melanin that give the hair its pigment. This gives the hair its elasticity and strength.
- The medulla, not present in all terminal hairs and never in vellus hair. It is usually continual, but can also be fragmented, and it is composed of polyhedral cells containing glycogen. The role of this part of the hair is not yet clear.

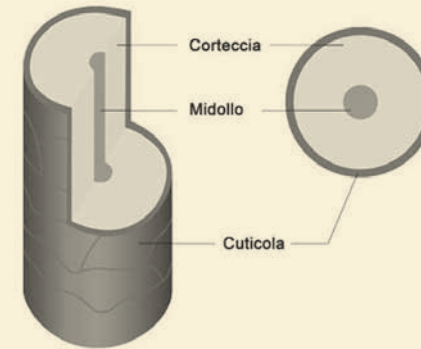


fig.2

The hair shaft is made up of three parts. Protection against environmental damage is provided by the cuticle.

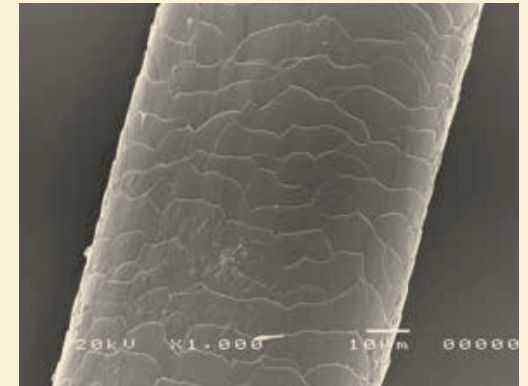


fig.3

With a scanning electron microscope, you can clearly see the structure of the cuticle: flattened cells that partially overlap, like slates on a roof.

The hair grows at a rate of roughly 1 cm per month, and is continuously subjected to physical and chemical environmental agents, such as the sun, wind, smog, dust, chlorinated or salt water, the hot air of hair-dryers, straighteners or curlers, the chemical substances of shampoos and cosmetics, dyeing, bleaching, perms and other treatments that leave a deposit on the cuticle, partly damaging it and causing hair to become dry, hard to the touch, brittle, opaque and unable to hold a style.

Normal washing with shampoo often fails to effectively remove these.

An excess of sebum on the head results in inflammation and/or dandruff (fig.3/4).

Often accompanied by an itchy scalp, and can even lead to increased hair loss.



fig.4

The scalp is nothing more than the "skin" of the head, from which the hairs and sebum emerge. It is often covered by a thin layer of flakes that normal cleansing struggles to remove. .

In addition to seborrhoea, dandruff, itching and increased hair loss, another hair problem that customers often discuss with their stylist is trichodynia.

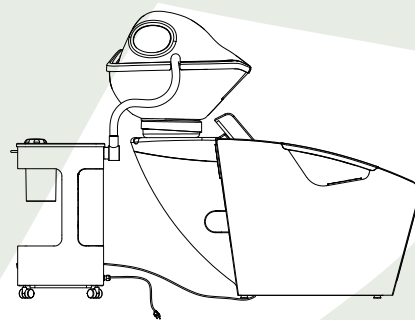
This term is used to refer to a combination of symptoms such as irritation, pain, burning, itching and soreness of the scalp. These individuals do not tolerate the application of certain substances to the head, as they have a sensitive scalp.

Regularly cited factors leading to this irritation are pollution, emotional reactions, stress, and certain products and treatments. These individuals are often very stressed, tension headaches are also sometimes an issue.

Vapomist 2

(hot and cold steam treatment)

- Use distilled water
- Requires hydraulic installation



INTEGRATED FILTRATION SYSTEM FOR THE PRODUCTION OF DEMINERALISED WATER
 PRODUCTION OF ATOMISED WATER VIA A NEBULISING NOZZLE
 TIMED SYSTEM TO REGULATE THE QUANTITY OF STEAM SUPPLIED INTEGRATED SYSTEM TO
 DISINFECT THE WATER VAPOUR PRODUCED VIA A HIGH INTENSITY UV LAMP INTEGRATED
 2 IN 1 NOZZLE FOR HOT STEAM AND ATOMISED WATER SUPPLY

MOBILE DISPENSER 2 in 1
(cold and hot steam treatment)

Heating element for steam
production

Adding of scents



Water charge cap with
a little tap inside
for the essences use

general power switch

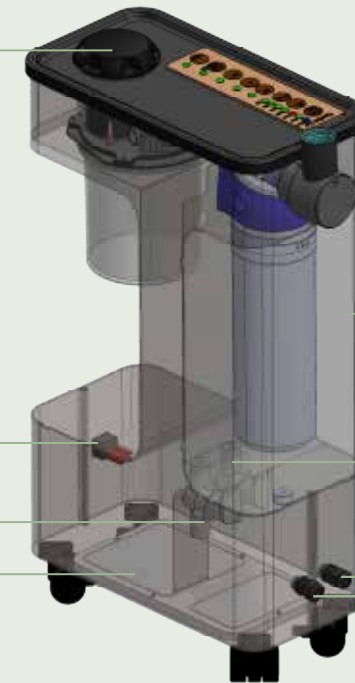
solenoid valve
water load
housing
power supply board

demineralizing filter

solenoid valve for
nebulization line
COLD STREAM

power supply

hydraulic power supply
(from washing)



instrument activation

selection of "power"
steam production

duration timer of
steam production

lamp activation
for steam disinfection

cold steam activation
of water spray

activation and loading
demineralized water

multifunction push-button panel



Igloo

You can use on all our Wash Units



headrest ergonomic:
it supports the weight of the head
and relaxes cervical muscles



THE VAPOMIST SYSTEM'S HOT STEAM TREATMENT
HAS BENEFICIAL EFFECTS ON THE HAIR SHAFT,
THE SCALP AND THE HAIR FOLLICLE BULB.
IT ALSO IMPROVES THE RELATIVE SYMPTOMS
OF ITCHING AND TRICHODYNIA.

Hot steam: what does it involve?



Steam is the gaseous form of water, achieved by boiling, and is composed of many microscopic particles that act on the skin and hair with two mechanisms: heat and humidity. A steam bath, long used as a treatment for various skin and respiratory pathologies, involves exploiting the effect of heat and humidity on the various tissues. With the hair and scalp, the steam causes the cuticle cells to open slightly, and the pores of the scalp to dilate, so that glandular secretion and blood microcirculation are stimulated.

The hot steam treatment also allows for greater penetration of the active substances into the hair and scalp. The hot steam treatment is effective as it is, but also in association with active substances specific to the various pathologies

The effects of hot steam on the hair shaft

The small water molecules that make up the steam are able to penetrate between the surface cells of the hair shaft cuticle, something that water alone cannot do. The first effect of hot steam is that it melts micro-particles of smog and chemical products attached to the shaft, thus allowing for effective cleansing of the hair; the second effect is that it offers hydration, supplying the cells with the water the dry hair has lost. The treating of weak, damaged hair is more effective if the steam is combined with essential oils, or if hydrating/protective substances are applied to the hair during, or immediately after the hot steam treatment, as the penetration and fixing of these substances to the hair is boosted by the treatment

In general, a 10-minute steam bath once a week for 2-3 months is enough to give hair greater softness, brightness and strength.

The effects of hot steam on the surface of the scalp

The effects of hot steam are the same as those relating to the face following a steam bath: the pores of the skin open allowing the sebum to exit, liquefied by the heat and sweat, the production of which increases due to the heat (7). Trapped liquids and toxins are therefore eliminated, with a “detox” effect that benefits the entire system. The steam frees the pores from “residues” that accumulate deep down, while the heat encourages sweating: when it sweats, the skin gets rid of toxins.

The detox treatment is recommended for everyone, particularly in winter and for those living in big cities: 10 minutes of hot steam exposure is recommended, once a week.

The steam melts flakes, allowing for their easy removal.

This effect is particularly useful in cases of dandruff, where the hot steam together with a scalp exfoliating treatment allows for the effective removal of flakes, with an immediate reduction in inflammation and itching.

The anti-dandruff treatment with peeling and hot steam takes about 5 minutes and should be carried out twice a week for one month; the frequency of sessions is then reduced depending on the ongoing results.

The effects of hot steam on the hair follicle bulb

The hot steam treatment, combined with massage, results in vasodilation and increases blood circulation in the scalp (8). This is particularly important for the health of the follicle bulb, the cells of which, with greater oxygen supply, increase multiplicative activity. This converts into the production of a thicker and healthier hair and more durable growth. Hair loss tends to be reduced.

This hair loss treatment (hot steam + massage) can be carried out as it is, or even better if combined with active ingredients to encourage hair growth, in all cases of increased hair loss.

A 10-minute hot steam treatment is recommended, once a week for three months.

The effects of hot steam on trichodynia/head irritation

As well as inducing vasodilation, the hot steam treatment also facilitates the relaxation and loosening of muscles in the head. These effects are boosted with massage, and effectively reduce the irritation and pain typically associated with trichodynia.

What benefits do the different components of the Vapomist System offer the customer

3

Cold steam of water nebulized



THE FINAL TOUCH FOR A DEEPER TREATMENT

Solo Vapomist 2 allows to complete the treatment with cold steam by nebulising it in small droplets, after having finished the hot steam treatment.

Effects of post-treatment with cold steam of water sprayed on the hair shaft

The small atomized molecules of cold water can penetrate among the superficial cells of the hair shaft cuticle, encouraging its closure. The hair shaft absorb more each hydrating treatment, from the conditioner to the essential oils masque. The hair also maintain in this way a good level of humidity, avoiding the dryness and the frizzy effect, but giving the hair shininess.

Perfect for the treatment of tired and damaged hair, the post treatment with cold steam last approximately 1 minute and it is suggested for each kind of hairs to improve the aesthetics aspect and the holding of the styling.

Effects of post-treatment with cold steam of water sprayed on the scalp

The small molecules of cold steam allow the closure of the dilated pores after the treatment with hot steam, reducing the seborrhea production.

Suggested for everybody, it is the ideal completion of the anti-dandruff treatment.

Effects of post-treatment with cold steam of water sprayed on the bulb of the hair follicle

The vasoconstrictor effect of the cold steam on the capillaries follows the vasodilator effect of hot steam, with a real vascular "gymnastics" which increase the blood flow of the scalp with benefits for the hair growth. It is consequently a final fundamental point for the anti loss treatment.

The exposure for a few minutes to cold steam reduces the itch sensation and allows an extended withdrawal, useful in association with the anti-dandruff treatment.

“Standard” procedure for using Vapomist on the wash unit with steam treatment

- 1** NORMAL WASHING
OF HAIR WITH SHAMPOO



- 2** APPLICATION OF A TREATMENT MASK,
CONDITIONER OR OTHER TO WET HAIR AND COMBING TO DISTRIBUTE IT



- 3** ADDING OF ESSENCES, POSITIONING OF IGLOO



- 4** HOT STEAM ACTIVATION TO INCREASE PRODUCT ABSORPTION INTO THE
HAIR (MAX 10 MIN.), POSSIBLY TOGETHER WITH MASSAGE



- 5** ONLY FOR VAPOMIST 2
FAST STEAM TREATMENT WITH COLD NEBULIZED WATER
(MAX DURATION 50/60 SEC.)



- 6** FINAL RINSING



Lavatesta Beauty*Star wash units where you can use

Vapomist 1, Vapomist 2 + Igloo



SATIN CHARME



SATIN SHELL



SATIN JOY



LAPO B



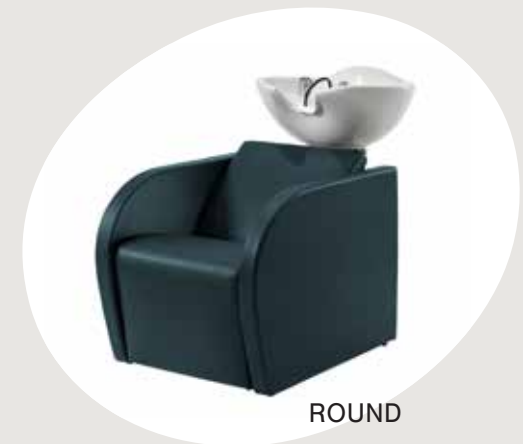
CLEOPATRA



MARCELLO



NEW ALMOND



ROUND



ARTEMISIA
ACCESS EVO



ARTEMISIA 65
SPECIAL



I♥NY



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