

# Manual



**Harpro**  
PROLINE

Owner's manual • Anleitung • Handleiding

Mode d'emploi • Ководство



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***Congratulations on the purchase of your Hapro sunbed. Your new sunbed has been manufactured with the utmost care and attention and consists of high-quality parts. All Hapro sunbeds have been developed to give you the best possible tan.***

# Read this first

The information contained in this manual regarding assembly and operation should be followed in full. Failure to do so may render the product warranty or liability on behalf of the supplier null and void. If there is any uncertainty as to whether the instructions contained in this manual have been followed properly and entirely, you should contact the supplier of the sunbeds.

- 1 Contact your authorised Hapro dealer immediately if this unit does not function as outlined in this manual.
- 2 Do not operate this unit in humid spaces.
- 3 Always make sure the fuses can carry the load. This unit has to be protected by ground fault circuit interrupter (GFCI) of 0.03A.
- 4 Always disconnect the power to the unit at the wall breaker (isolator) when servicing or cleaning the in-side construction of the cabine. Maintenance for which the procedure is not described in this manual should only be carried out by a qualified electrician. Never clean the electrical components with fluids.
- 5 Ensure that the canopy does not touch the wall when opened.
- 6 Prevent the acrylic sheets from coming into contact with sharp objects.
- 7 This unit may not be operated if:
  - the user is not wearing protective uv-goggles;
  - an acrylic panel is missing;
  - one or more of the fans in the unit are not functioning properly;
  - the timing mechanism is not functioning properly;
  - the temperature inside the cabin is 30°C or higher.
- 8 To ensure maximum tanning effectiveness, change the acrylic sheet after every 1200 hours of operation.
- 9 To ensure maximum tanning effectiveness, replace the lamps and the facial tanning lamps according to manufacturer's instructions.
- 10 Check local regulations to find out the proper procedure for lamp disposal.
- 11 Note: only a special acrylic cleaner may be used to clean the acrylic sheet. Never use cleaners that contain alcohol, as these can damage the acrylic sheet.
- 12 The UV-type of the tanning unit is indicated on the specification sticker.
- 13 Ultraviolet radiation from the sun or UV appliances can cause skin or eye damage. These biological effects depend upon the quality and quantity of the radiation as well as the skin and eye sensitivity of the individual.
- 14 Excessive exposure may cause skin to burn. Excessive repeated exposure to ultraviolet radiation from the sun or UV appliances may lead to premature ageing of the skin as well as increase risk of skin tumours.
- 15 The unprotected eye may develop surface inflammation and in some cases, after a cataract operation for example, damage may occur to the retina after recessive exposure. Cataracts may develop after prolonged exposures.
- 16 If the supply cord is damaged, it must be replaced by the manufacturer or service agent or a similarly qualified person in order to avoid a hazard.
- 17 To replace lamps, remove by turning a quarter turn to the left. Placement of new lamps is done in the reverse to the above mentioned procedure.
- 18 When installing the equipment, follow the re-commended minimum distances listed in the "Dimensions / Placement" chapter.
- 19 Children should be supervised to ensure that they do not play with the tanning unit.
- 20 Non-users, especially children, must not be present when the appliance is being operated.

## Note

*Please consult enclosed tanning schedule for advised tanning times.*

*Repairs may only be carried out by qualified personnel.*

*Always disconnect the main power at the circuit breaker before servicing or repairing the unit.*

# Golden rules for sensible tanning

*These rules are in accordance with the European regulations concerning safe use of tanning equipment. We advise you to inform your clients about these rules.*

- 1 Before your client starts tanning, first thoroughly consult the tanning table included in this book and follow the recommendation given.
- 2 This sunbed is not suitable for use by:
  - Persons with reduced sensory and/or mental capacity
  - Persons lacking knowledge of or experience with sunbeds, with the exception of individuals who are being supervised or have received instructions regarding the use of the sunbed by a person who assumes responsibility for their safety.
- 3 Sunbeds are not suitable for use by:
  - Persons whose skin is prone to burn without being exposed to sunlight
  - Persons whose skin is already sunburned or has been burned in a tanning bed
  - Persons who have been diagnosed with skin cancer or precursors of skin cancer
  - Persons without a medical advice who experience unexpected symptoms such as itching within 48 hours of using a sunbed for the first time.
  - persons who tend to freckle
  - persons with a natural red hair colour
  - persons having abnormal discoloured patches on skin
  - persons having more than 16 moles (2 mm or more) on the body
  - persons having atypical moles (defined as asymmetrical moles larger than 5 mm in diameter with variable pigmentation and irregular borders; in case of doubt, seek medical advice)
  - Seek medical advice if persistent lumps or sores appear on the skin or if there are changes in pigmented moles.
  - persons with a family history of melanoma.
  - persons under a doctor's care for diseases that involve photosensitivity and/or receiving photosensitising medications
  - persons who burn easily when exposed to the sun, or having a history of frequent severe sunburn during childhood
  - persons who are not able to tan at all or able to tan without burning when exposed to the sun
  - Persons younger than 18
- 4 Make sure that upon commencing a series of tanning sessions your customers have a rest day following their first tanning session. If there is no sign of any undesirable skin reaction they can then continue with the series of sessions.
- 5 Make sure that your customers do not tan more than once a day. This applies to tanning using an appliance and tanning in natural sunlight. The skin does not make a distinction between the two. Take exposure to natural sunlight into account.
- 6 Some medicines and beauty products contain substances which can cause certain undesirable reactions when combined with exposure to UV radiation. Other substances may also sometimes have a similar effect. Below you will find a list of substances which can react when combined with exposure to UV radiation:
  - Sulphonamide - in various medications, including antibiotics
  - Tetracyclines - in antibiotics and acne medication
  - Nalidexine acid - in urinary tract infection medication
  - Chlorothiazide - in diuretics
  - Sulphonylurea - in diabetes medication
  - Phenothiazines - anxiety medication
  - Triacetyldiphenylisatine - in laxatives
  - Psoralenes - in tanning accelerators
  - Cyclamates - in sweeteners
  - Para-aminobenzoic acid (PABA) - in sunscreen creams/oils
  - Musk ambrette, musk oil - in perfumes
  - Bleaching agents - in washing powders/liquids
  - Eosine - in colourings
  - Halogenated salicylamide - in antifungal substances
- 7 When combined with exposure to ultraviolet light, cosmetic products, e.g. perfumes and make-up can cause the skin to react. Ensure that your customers skin is clean before they start tanning. Some products penetrate deep into the skin. Advise your customers to make sure that their skin is clean during their tanning session. Recommend that they cleanse their skin thoroughly a few hours before each tanning session, or better still, recommend that they wear no make-up at all the day before. Also tell your customers to remove any jewellery before tanning.
- 8 Make sure that your customers do not use cream or oil that contains a sun block or self-tanning lotion when using the tanning equipment. These products contain substances which influence tanning times and thus make the prescribed times unreliable. Also make sure that your customers do not use tanning pills in combination with a series of tanning sessions or exposure to natural sunlight. The combination of tanning pills and UV light can increase the possibility of skin irritation and sunburn.
- 9 If the skin is red and taut shortly after the tanning session it is likely sunburned. Wait one week for these symptoms to disappear before tanning again, revise the tanning plan and reduce the length of the individual tanning sessions for the customer in question. If tanning gives rise to undesirable reactions that you cannot explain, stop the series of tanning sessions and advise your customer to see their doctor if the symptoms do not disappear within a short space of time.
- 10 Make sure that your customers always wear protective goggles to protect their eyes - even if you may have seen pictures of people tanning without using these goggles. UV light which directly enters the eyes can cause eye disorders (snow blindness, actinic conjunctivitis or cataracts). Contact lenses and sun glasses are not a substitute for goggles.
- 11 Reduce tanning time by 20% during the first 50 hours when using new lamps. During these 50 hours, the lamps emit 120% power instead of the usual 100%. After the first 50 hours, lamps will supply the usual 95% to 100% power for approx. 450 hours.
- 12 Protect sensitive skin parts such as scars, tattoos and genitals from exposure.
- 13 In cases of pronounced individual sensitivity or allergic reaction to ultraviolet radiation, medical advice is recommended before starting exposure

## Note

*If your customers are using any medication, ask them to consult their doctor before starting a series of tanning sessions.*

# Tanning tables

Skin Types		fair-skinned (II)	average (III)	dark-skinned (IV)
Tanning effect		normal tanning	fast tanning	fast tanning
Sunburn		mostly	rarely	rarely
<b>UV-type 3</b>  <b>Important:</b> Times listed apply to the specified lamps only, see specification sticker on the back of the appliance.  For replacing UV lamps, see specification sticker on the back of the appliance.	All lamps are			
	1st session (minutes)	5	5	5
	2nd session (minutes)	6	7	7
	3rd session (minutes)	7	8	9
	4th session (minutes)	8	10	12
	5th session (minutes)	9	11	14
	6th session (minutes)	10	13	16
	7th session (minutes)	11	14	18
	8th session (minutes)	12	15	20
	9th session (minutes)	12	17	22
	10th session (minutes)	13	19	25
Maximum tanning sessions a year		60 (15KJ-m2)	43 (15KJ-m2)	33 (15KJ-m2)



## Warning

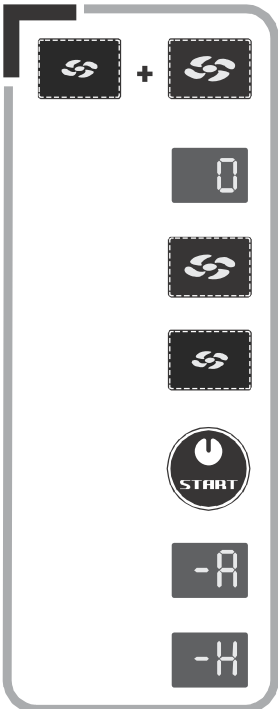
Allow at least 48 hours between the first two exposures.



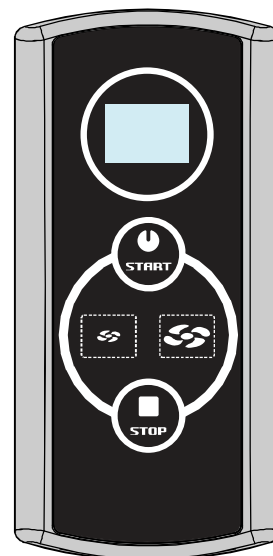
# Operation

The machine is set up for standard use with an external timer or a coinbox. If the machine must function without the external timer or coinbox, i.e. with an internal timer, the required tanning time will have to be adjusted according to the following procedure.

## General:



- Hold the buttons for "body cooling off" and "body cooling on" down together for 10 seconds.
- After 10 seconds, the display will show "0" (tanning time).
- By pressing the button "body cooling on" you can increase the tanning time (maximum 30 minutes).
- By pressing the button "body cooling off" you can decrease the tanning time.
- Pressing the "start" button confirms the adjustment. When confirming, there will be a short electronic bleep tone.
- If the use of an external timer is chosen, the indication "-A" will be displayed.
- The use of an internal timer will be indicated by the display of "-H".



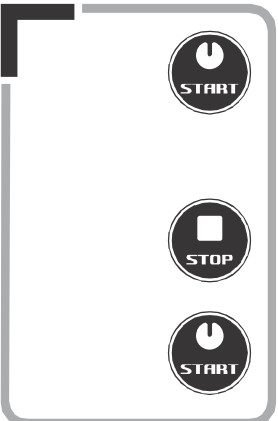
## Note

*Should the set up need to be interrupted, this can be done by pressing the "stop" button.*

*If no adjustment is entered within 30 seconds, the operation will return to its original settings.*

*When using an external timer or a coinbox, the tanning time indicator must be set at 0.*

## Operation in combination with an external timer or coinbox:

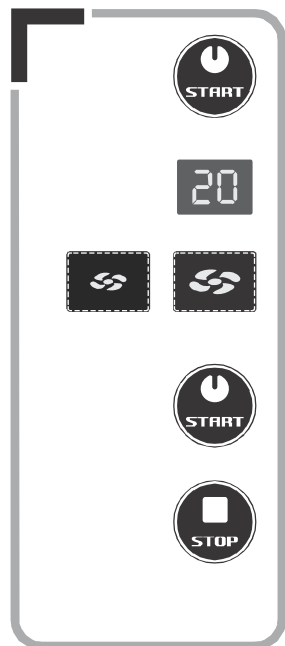


- If there is an external timer or coinbox, the machine starts up automatically.
- By pressing the "stop" button once, the machine's operation will be paused. If the "stop" button is pressed several times, the machine will remain set at pause. The machine will only stop when the tanning time has expired.
- If the machine is set at pause, it can be restarted by pressing the "start" button.

## Note

*The tanning time ascends numerically.*

## Operation without the use of an external timer or coinbox:

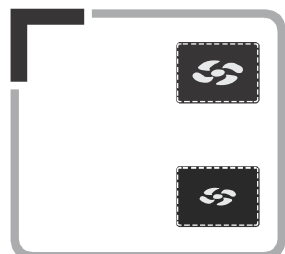


The diagram shows a control panel with the following elements from top to bottom: a 'START' button with a power symbol, a digital display showing '20', two square buttons with cooling symbols (one with a solid symbol, one with a dashed symbol), another 'START' button, and a 'STOP' button with a square symbol.

- ▶ By pressing the "start" button once, the tanning time can be shortened.
- ▶ The maximum tanning time will be indicated by the flashing numbers on the display.
- ▶ The tanning time can be decreased or increased by using the "body cooling off and on" buttons.
- ▶ By pressing the "start" button, the machine starts operating.
- ▶ If during tanning the "stop" button is pressed once, the machine's operation will be paused. The lights and ventilation will go off. The tanning time continues to run down. The tanning session can be restarted at any time by pressing the "start" button.

If the "stop" button is pressed a second time, the machine will turn into the standby mode. The tanning session has now finished.

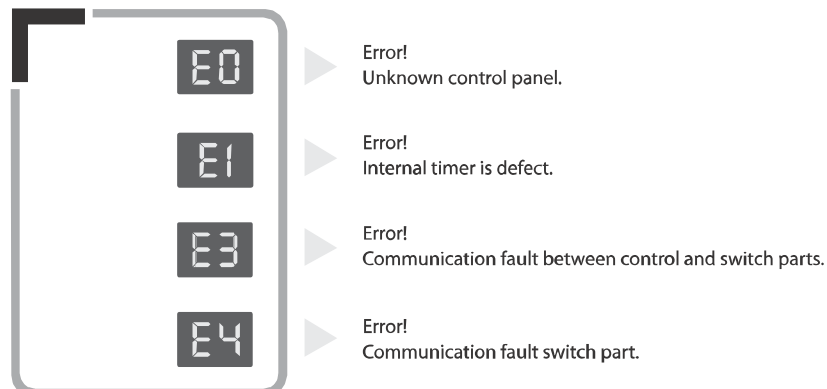
## Other control functions:



The diagram shows the same control panel as above, but with a focus on the two square cooling buttons.

- ▶ By pressing the "body cooling on" button, the body cooling can be turned on.
- ▶ By pressing the "body cooling off" button, the body cooling can be turned off.

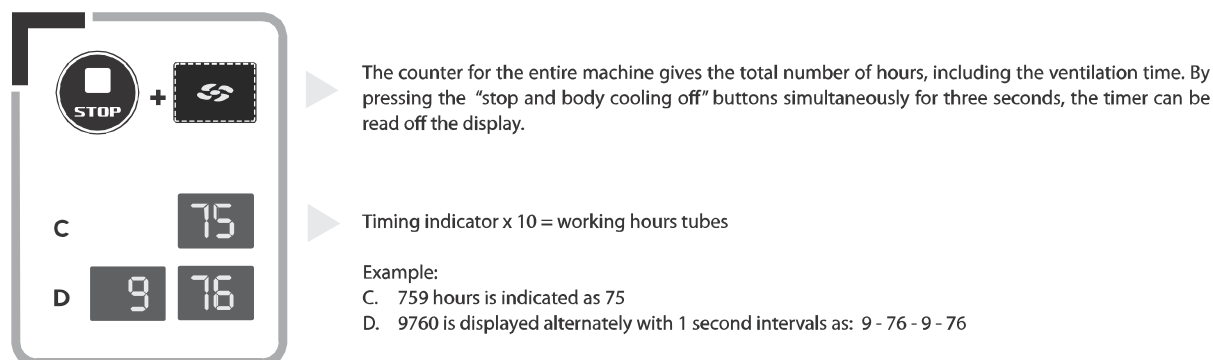
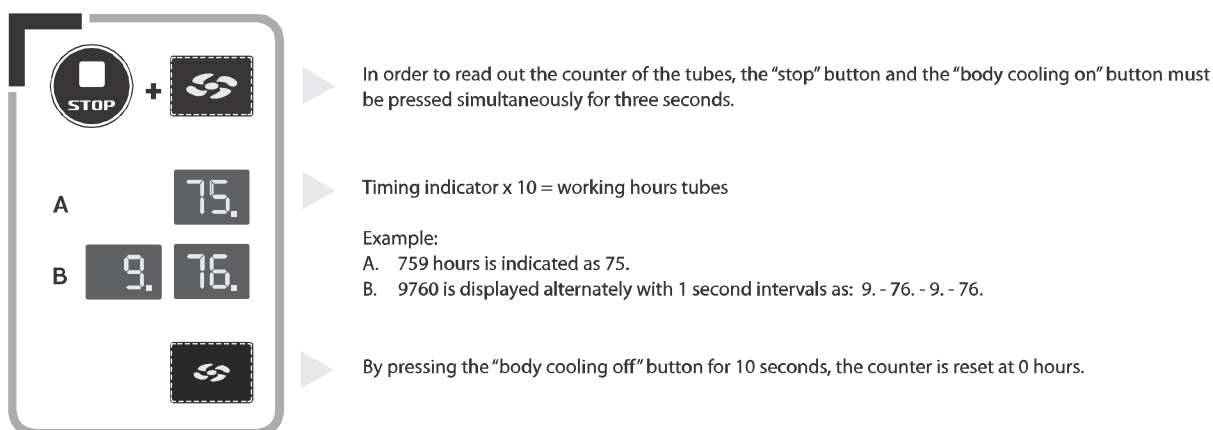
## Fault reporting:



## Note

*If a fault is reported, the electronics will give off bleep tones to alert you. If one of the abovementioned faults appears on your display, you must not use the machine and remove the plug from the socket. Contact your dealer for more guidance.*

## Reading out the Counters:



## Note

*This timer cannot be reset to "0".*

# Warranty

Our tanning units are manufactured with the greatest attention and are of excellent quality.

Every Hapro Proline is manufactured to meet the international IEC/EN standards. We provide a manufacturer's warranty of 1 year.

Your new sunbed has a manufacturer's guarantee of 1 year, which commences on the date of installation. Within the warranty period all faults that are the result of material or manufacturing errors will be repaired at no cost. Please contact your dealer for any warranty enquiries.

In order to make a claim under the terms of this guarantee, you must be able to produce the original invoice or receipt bearing the date of purchase. The type and serial number of the appliance should also be indicated.

The warranty is subordinate to the national regulations on product warranties.

# Not covered under this warranty

Units which have the type, serial number and/or other identification labels removed, damaged or altered.

Lamps and acrylic sheets.

Damage due to purchaser abuse, neglect, transport, improper use or improper maintenance.

Damage due to use of accessories not originally supplied by Hapro or inferior accessories.

Damage due to installation, repair or assembly not done by Hapro authorised personnel.

Damage due to fire, lightning, earthquakes or other natural disasters.

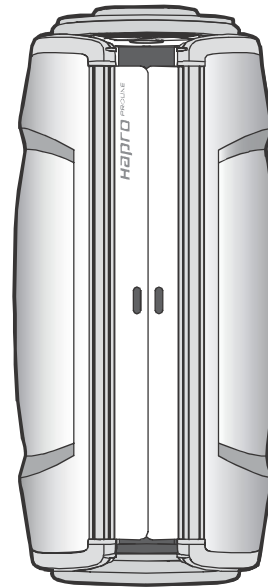
### Manufacturer

Hapro International b.v.  
Fleerbosseweg 33  
4420 AC Kapelle, The Netherlands  
www.hapro.com

### Product identification

Product: Tanning equipment  
Model: Hapro Proline  
Type: 28 V  
28 V Intensive

This document is valid for all above mentioned  
types produced as from 06/02/2009.



### Means of conformity

The products are in conformity with Directive 89/336/EC of the European Community and  
the Low-Voltage Directive 2006/95/EC of the European Community.

### Testing, Electro-Magnetic Compatibility

Carried out by: Hapro Laboratory  
Fleerbosseweg 33  
4420 AC Kapelle, The Netherlands  
Standards used: EN 61000-6-3:2001; EN 55022:1998;  
EN 61000-6-1:2001  
EMC Certificate no.: 2121039.0551

### Testing, Low-Voltage Directive

Carried out by: Hapro Laboratory  
Fleerbosseweg 33  
4420 AC Kapelle, The Netherlands  
Standards used: EN 50366:2003; EN 60335-1:2007;  
EN 60335-2-27:2003



### Representative

Name: D.C. van de Linde  
Function: Managing Director  
Date: 06/02/2009  
Signature:

