



Thermotherapy

All for the
best thermotherapy

Fangoheater

The compact design as table model makes the unit suitable to be used in any kind of practice. It is possible to process Paraligno as well as Parafango Battaglia in the heater. Because of the direct heating system, the Fango heater is highly suitable for sterilising paraffin (at 135 °C)*. The Fango heater is glass wool isolated and is delivered including a splash cover with cold grip.

Paraffin-bath

The Enraf-Nonius paraffin bath operates on the "au-bain-marie" principle. The paraffin is heated directly by the heat transferred from a heat-transfer liquid. As heat-transfer liquid you can use a special thermal-oil (13 ltr). It is possible to heat Paraligno, Parafango and pure paraffin in this bath.



* = Sterilisation is only possible when Parafango Battaglia is used (Paraligno can't stand these high temperatures).

Fangoheater

1468904 Fangoheater

Standard accessories

1468751 Operating manual Fangoheater

3444290 Mains cable

ORDERING DATA

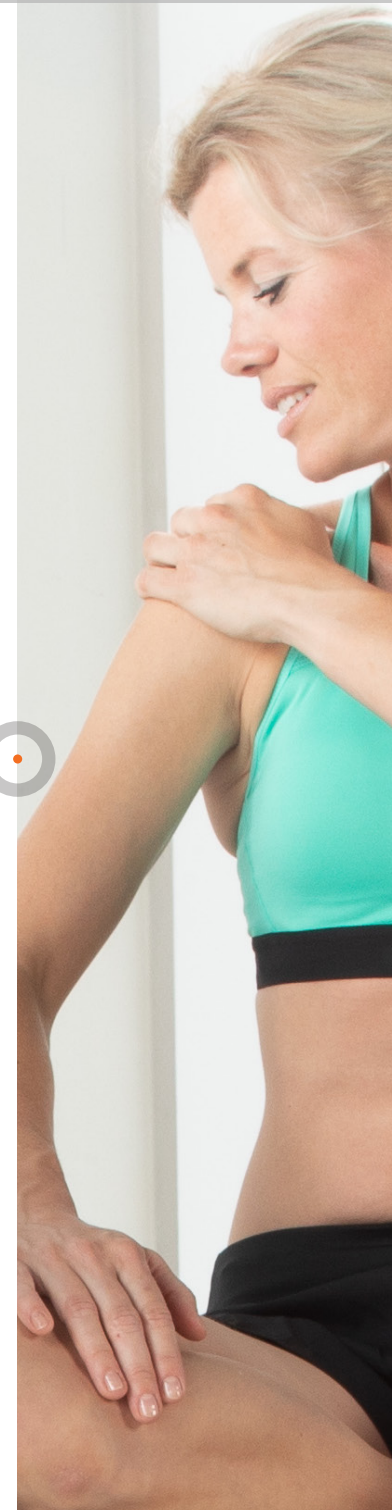


Paraffin-bath

3448162 Paraffin-bath 230V/50Hz

Standard accessories

1400005 Operating manual Paraffin bath



Fangoheater and Paraffin-bath

ACCESSORIES

Optional accessories

- 3448112 Paraffin wax, pure form, 25 kg
- 3448164 Paraligno, 5 kg
- 3448108 Parafango Battaglia, 12 kg
- 3448137 Parafoil, 40x60 cm, 1000 sheets
- 3448136 Heat-transfer liquid for the paraffin-bath, 5 l



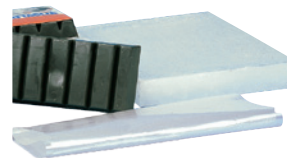
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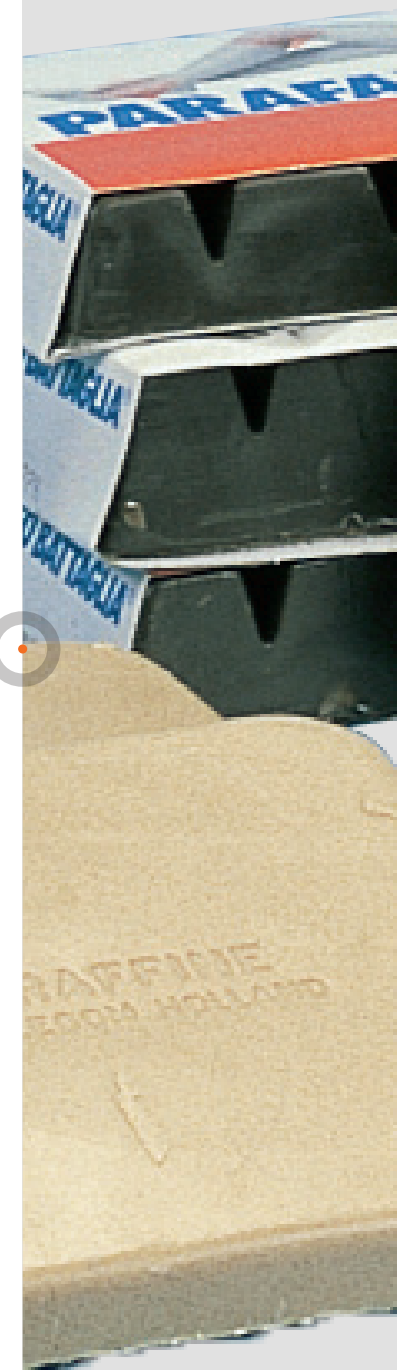
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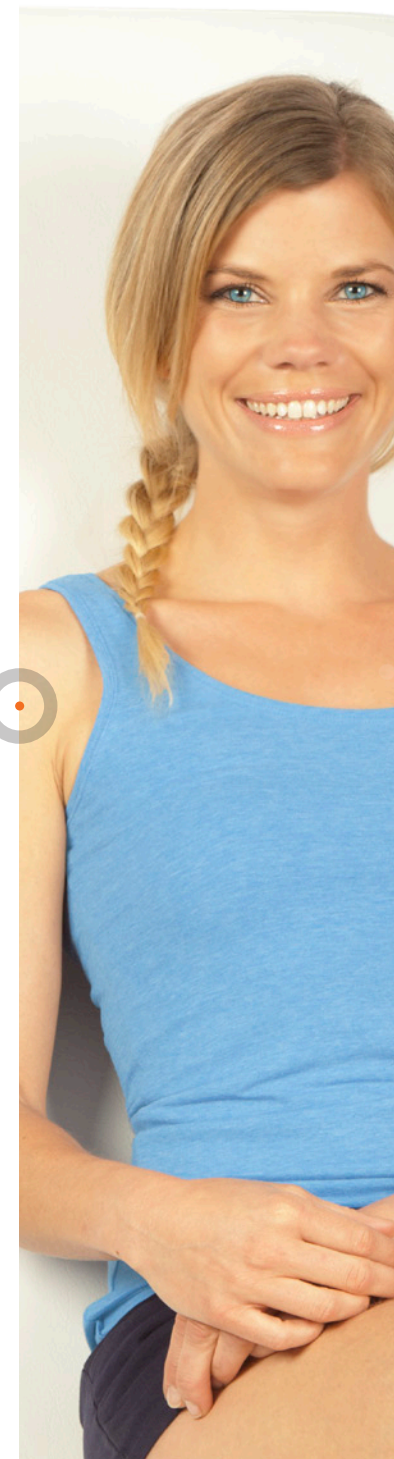
Fangoheater

Mains voltage:	220 – 240 V, 50 – 60 Hz
Current consumption:	1200 W
Range of thermostat:	0 – 100° C
Sterilization temperature:	135° C
Safety device:	automatic switch-off when overheated (160° C)
Capacity:	15 l
Dimensions:	37 x 37 x 41,5 cm

Paraffin-bath

Temperature range:	30-90°C
Internal dimensions:	50x30x20 cm (30 l)
External dimensions:	58x32x50 cm
Mains voltage:	220-240 V, 110-120 V, 50/60 Hz
Power consumption:	2000 W (1400 W for the 115 V version)

TECHNICAL SPECIFICATIONS



Packheater

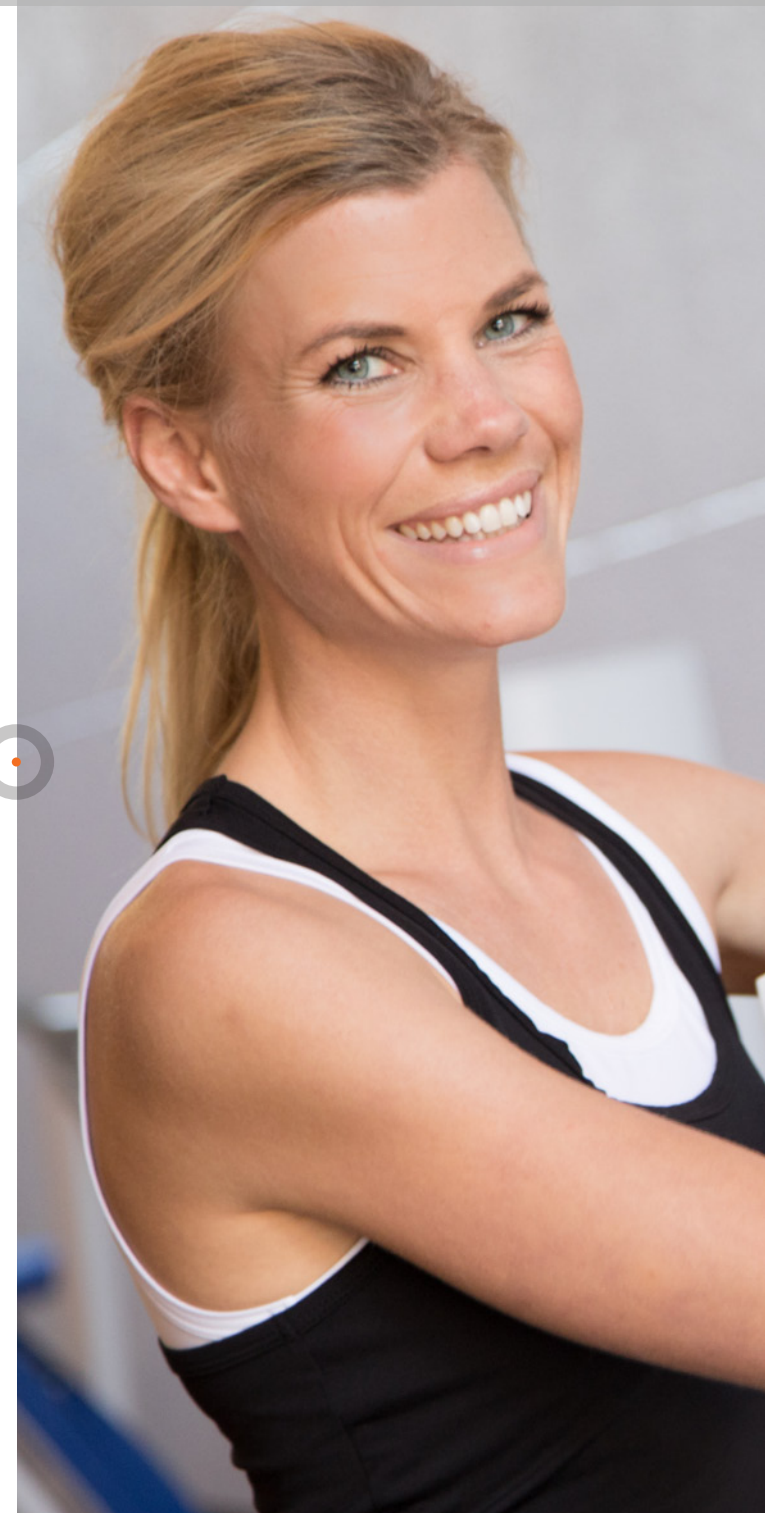
The Packheater is used for heating packs. The enamelled heater is standard delivered including base grid. The water temperature is accurately maintained by a thermostat at a preselected, constant value.

- Table model
- Enamelled heater
- Thermostatic temperature control
- Watertemperature adjustable (50-95 °C)
- Content 29 litre

3448191 Packheater

Standaard accessoires

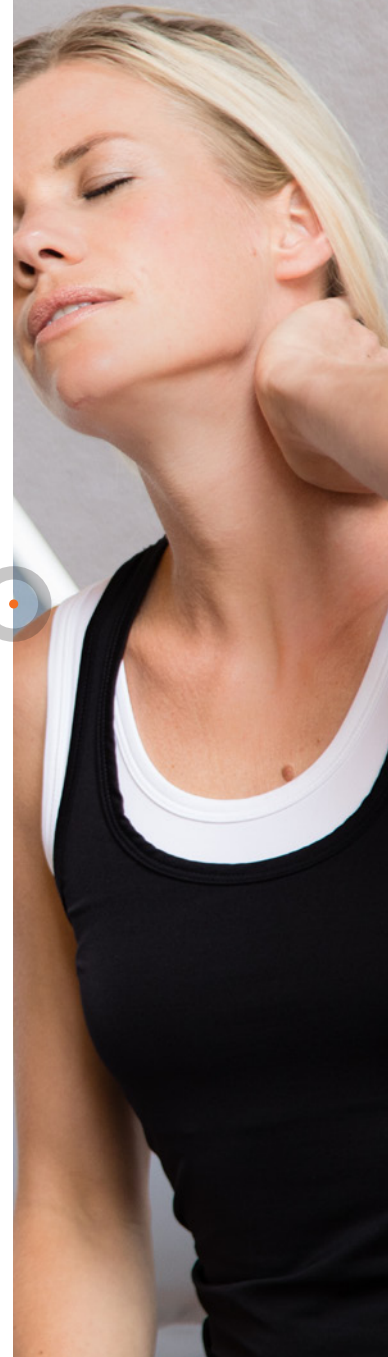
1400725 User manual



Packheater

TECHNICAL SPECIFICATIONS

Tank capacity:	29 l
Temperature range:	50-100 °C
Mains voltage:	220-240 V
Frequency:	50/60 Hz
Power consumption:	700 W
Dimensions:	height 42 cm, diameter 35 cm
Weight:	7 kg



Packheater

Optional accessories

- 3448135 Base grid, plastic-coated
- 3448199 Rack, stainless steel
- 3448132 Tongs made of wood
- 3448166 Enno Moist 12x30 cm
- 3448167 Enno Moist 25x30 cm
- 3448281 Enno Moist 25x45 cm
- 3448283 Enno Moist 25x50 cm
- 3448282 Enno Moist 25x60 cm
- 3448169 Enno Moist oversize, 38x61 cm
- 3448168 Enno Moist neckmodel, 15x61 cm
- 3448176 Protective sleeve Enno Moist standard (25x30 cm)



3448135



3448199



3448132



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3448282



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3448169

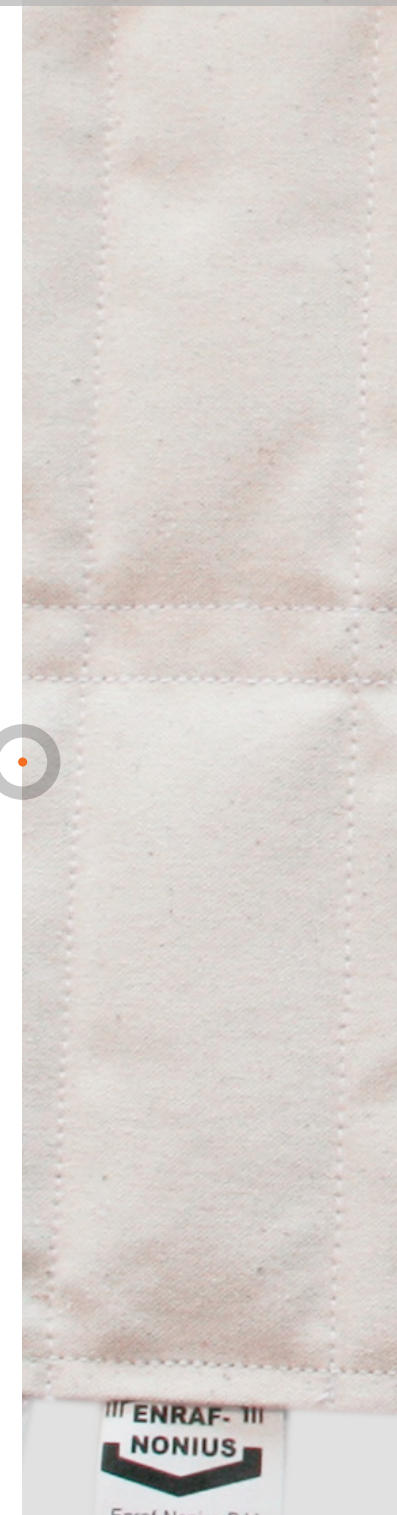


3448176



Enno moist

Cotton pack filled with volcanic mineral grains.



Packheater

ACCESSORIES

Optional accessories

- 3448310 Stadtholder Moorpacking 18x28 cm
- 3448313 Stadtholder Moorpacking 30x40 cm
- 3448314 Stadtholder Moorpacking neck-/shoulder model
- 3448209 Hot/Cold packs 30x38 cm, 2 pieces
- 3448208 Hot/Cold packs 13x30 cm, 6 pieces.
- 3448207 Hot/Cold packs 13x14 cm, 12 pieces
- 3448130 Towelling holder for 3 packs 3448208



Stadtholder MoorPACK

Synthetic pack filled with 'moor'.

- Heat is released extremely slowly
- Can be heated in a microwave



Hot/Coldpacks

Synthetic gel pack.



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3448313



3448314



3448209



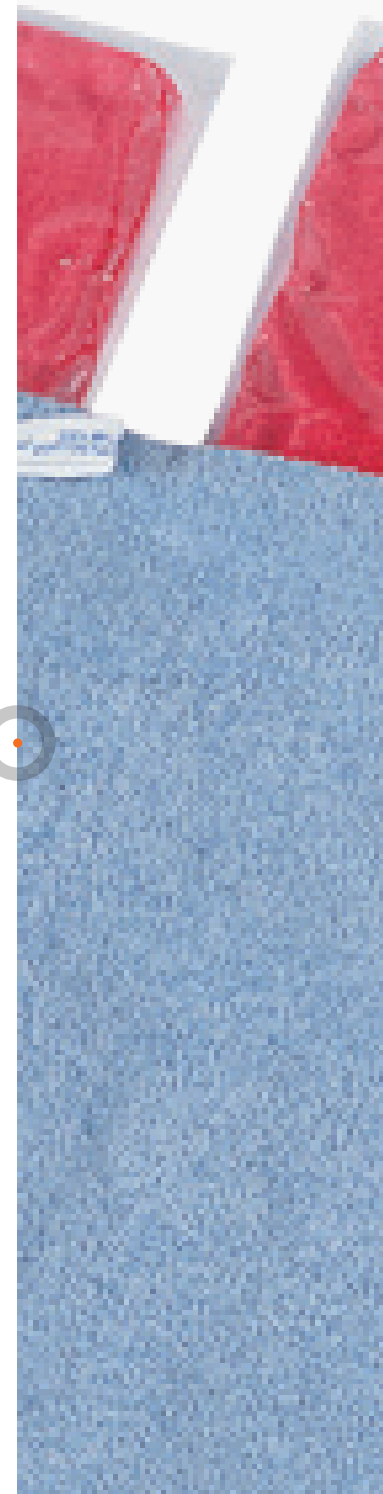
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3448207



3448130



Packheaters (type WB)

The packheaters are used for heating and keeping warm ('hot packs').

- Stainless steel storage shelf

Features

- High quality packheater
- With stainless steel insert grid (removable)
- Housing made of stainless steel with structured surface
- Top lid handle bar in red, blue, green, yellow or black
- Double isolated top lid *
- Gas spring supported top lid *
- Energy saving insulation
- Electronic temperature control with digital temperature display *
- Protected against overheating
- Temperature measurement in the water
- Silicone heating element with large surface for a fast and consistent heating process
- Power On indicator lamp
- Heating indicator lamp
- Water outlet on the front side, ball valve 1/2"

The packheaters can be supplied with a mobile frame (optional), consisting of:

- Powder coated steel frame
- Four castors (two of which can be locked)
- Four support points for securing the bath

* = except for WB 4-30



Packheaters (type WB)

- 3448401 Packheater WB 4-30 (30 l) 220-240V, 50/60Hz
- 3448402 Packheater WB 6-50 (47 l) 220-240V, 50/60Hz
- 3448403 Packheater WB 8-90 (82 l) 220-240V, 50/60Hz
- 3448404 Packheater WB 16-130 (99 l) 220-240V, 50/60Hz

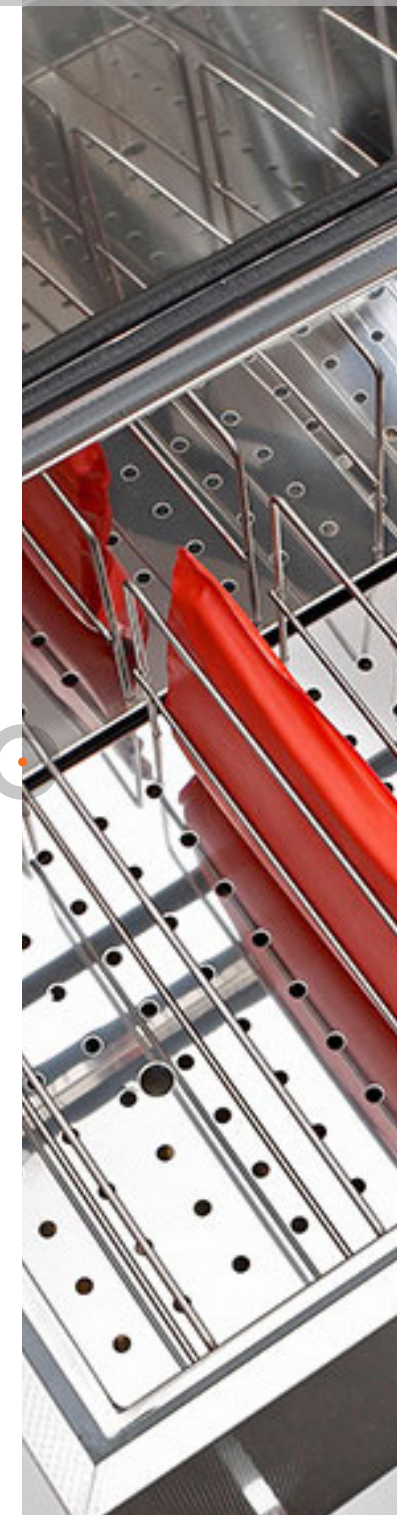
Optional accessories

- 3448421 Mobile frame for WB 4-30
- 3448422 Mobile frame for WB 6-50
- 3448423 Mobile frame for WB 8-90
- 3448424 Mobile frame for WB 16-130

ORDERING DATA



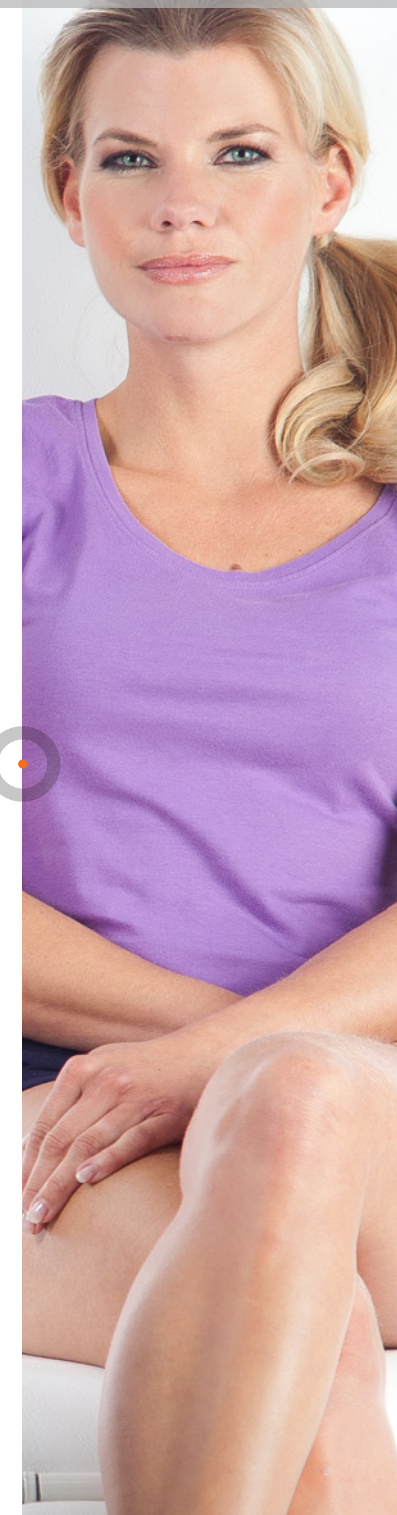
WB 6-50



Packheaters (type WB)

TECHNICAL SPECIFICATIONS

Packheater / model	WB 4-30 CE	WB 6-50 CE	WB 8-90 CE	WB 16-130 CE
Tank capacity	30 liter	47 liter	82 liter	99 liter
Number of bars (insert grid)	-	3	4	7
Number of (optional) packs possible (25x30 cm)	5	8	12	18
Gas spring supported lid	-	Yes	Yes	Yes
Power supply	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz	220-240V, 50/60Hz
Heating capacity	900 W	1500 W	1500 W	1500 W
Temperature range	30 – 85 °C	30 – 85 °C	30 – 85 °C	30 – 85 °C
Accuracy (temp. setting)	5 K	0,1 K	0,1 K	0,1 K
Temperature control	thermostatic	electronic	electronic	electronic
Control accuracy	± 5,0 K	± 2,0 K	± 2,0 K	± 2,0 K
Digital temperature display	-	Yes	Yes	Yes
Thermal cut-out (safety)	95 °C	95 °C	95 °C	95 °C
External dimensions (lxwxh)	575x365x370 mm	675x470x385 mm	725x470x490 mm	775x490x515 mm
Internal dimensions (lxwxh)	500x300x200 mm	590x400x200 mm	645x400x320 mm	695x420x340 mm
Net weight	12,0 kg	23,2 kg	28,8 kg	30,3 kg
Shipping weight	15 kg	25,5 kg	45 kg	50 kg
Cross section of power cable	3 x 1 mm ²	3 x 1 mm ²	3 x 1 mm ²	3 x 1 mm ²
Device fuses (IEC 60127-2/4 • DIN VDE 0820)	6,3x32 5,0 A fast acting	6,3x32 8,0 A fast acting	6,3x32 8,0 A fast acting	6,3x32 8,0 A fast acting
Medical Device Class	Class I	Class I	Class I	Class I



Chilling units

Mobile quick-chiller to bring cold packs to the ideal temperature for use and to make sure they stay that way all day long. The specially designed chilling elements guarantee a rapid chilling. Easily moved on the 7½ cm rubber wheels.

3448274 Chilling unit model C-5

Standard accessories

1468751 Operating manual

3448284 6x Colpac 28x36 cm

3448288 6x Colpac 16x28 cm

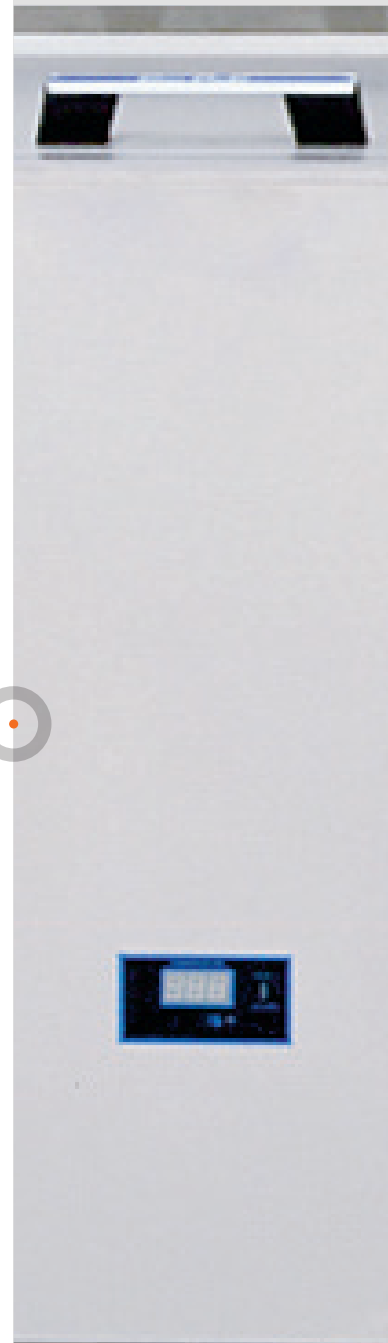


Chilling units

Mains voltage:	220-240 V, 50 Hz
Current:	2 A
Work:	0.14914 kWh of 1/5 hp
Type of refrigerant:	R-134A:
Amount of refrigerant:	0,325L
Test pressure:	high 1.62 MPa (235 psi); low 1.03 MPa (150 psi)
Normal operating temperature:	-12°C tot -6°C
Dimensions (h x w x b):	84 x 41 x 69 cm
Weight:	74 kg



TECHNICAL SPECIFICATIONS



Chilling units

ACCESSORIES

Optional accessories

- 3448288 Colpac 16x28 cm
- 3448284 Colpac 28x36 cm
- 3448209 Hot/Cold packs 30x38 cm, 2 pieces
- 3448208 Hot/Cold packs 13x30 cm, 6 pieces.
- 3448207 Hot/Cold packs 13x14 cm, 12 pieces
- 3448130 Towelling holder for 3 packs 3448208



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3448284



3448209



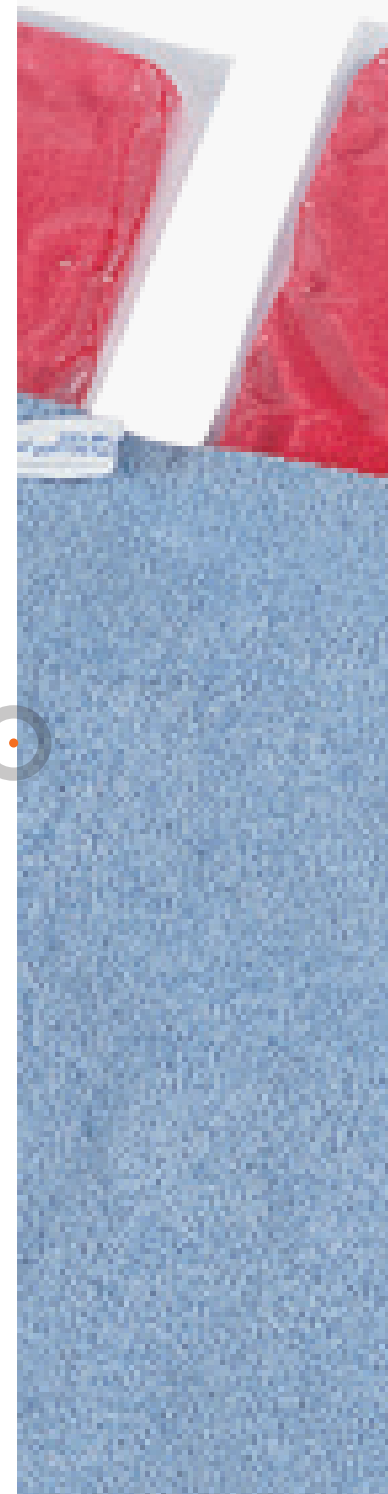
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3448130



Halogen Infrared Spots

For many years, Infrared Radiators have been a well-known accessory in the field of thermotherapy. Infra-red thermotherapy is often used for the reduction of pain as well as for general healing of wounds. The skin absorbs the heat and passes it through to the blood stream in a natural way. The IRS Halogen Infrared Spots form a new generation of radiators for heat treatment (infrared thermotherapy).

Two versions of the IRS are available:

IRS (600W / 3x200W halogen)

IRS 2 (400W / 2x200W halogen)

Major advantages of the IRS halogen radiators

Safety - the infrared radiators IRS and IRS 2 are the only two radiators which have been tested and approved for photo-biological safety. This means that there is no danger for the eyesight;

Energy efficiency - the halogen radiator IRS and IRS 2 consume 30% less power than IR-radiators, that are equipped with conventional light bulbs (while delivering the same amount of infrared energy);

Patient comfort - conventional infrared radiators generate a 'burning sensation' on the skin because the emitted light component is very large. By combining the halogen tube with a special filter, the proportion of light in the IRS radiators is reduced which avoids such 'burning sensations'.

IRS Halogen radiators must be connected to a (mobile) support system since the power supply is built into the stand. These (optional) stands must be ordered separately.



model IRS 2



Halogen Infrared Spots

Model IRS (600W)

The Halogen Infrared Spot IRS combines modern design with functionality and efficiency. With a capacity of 600 Watt (3x200W) it produces the equivalent light output as a 900 Watt infrared spot equipped with conventional light bulbs.

The specially designed reflectors of the Halogen Infrared Spot IRS spread the radiation wide and evenly on the patient's body.

In combination with the stand SST / SSU / SSV, the Halogen Infrared Spot IRS builds a functional entity that matches the current state of the art and stands out by its straight-line design.

Halogen Infrared Spots

Model IRS 2 (400W)

The IRS 2 is an economic halogen spot and is based on the same attractive design and the same technology as the larger version IRS.

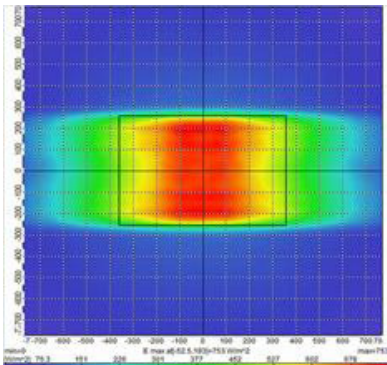
The IRS 2 has a simplified control unit and is equipped with 2 halogen lamps (200W each) and 2 reflectors.

With a capacity of just 400W the IRS 2 produces the same light output as a 600 Watt spot equipped with conventional light bulbs.

Its compact outside dimensions and its complete functionality make the Infrared spot IRS 2 a modern and practical device.

Features

- Powder-coated aluminium / sheet steel housing
- Housing colour: white / black
- 3 halogen lamps (200W each), emitting infrared radiation in a therapeutically effective range
- 3 reflectors, spreading the radiation wide and evenly
- Complies with the photo-biological safety standard (DIN EN 62471)
- Electronic timer with repeat-function
- Protection grid to avoid burns
- Main switch with power indicator
- Mountable to mobile stand SST / SSU / SSV (optional)
- Mountable to wall arm HWA (optional)



Halogen Infrared Spots

3441803 Halogen IR-radiator IRS-2 (400W), 220-240V, 50/60Hz*

3441804 Halogen IR-radiator IRS (600W), 220-240V, 50/60Hz*

Optional accessories

3441821 Mobile stand SST (T-base), including mains cable

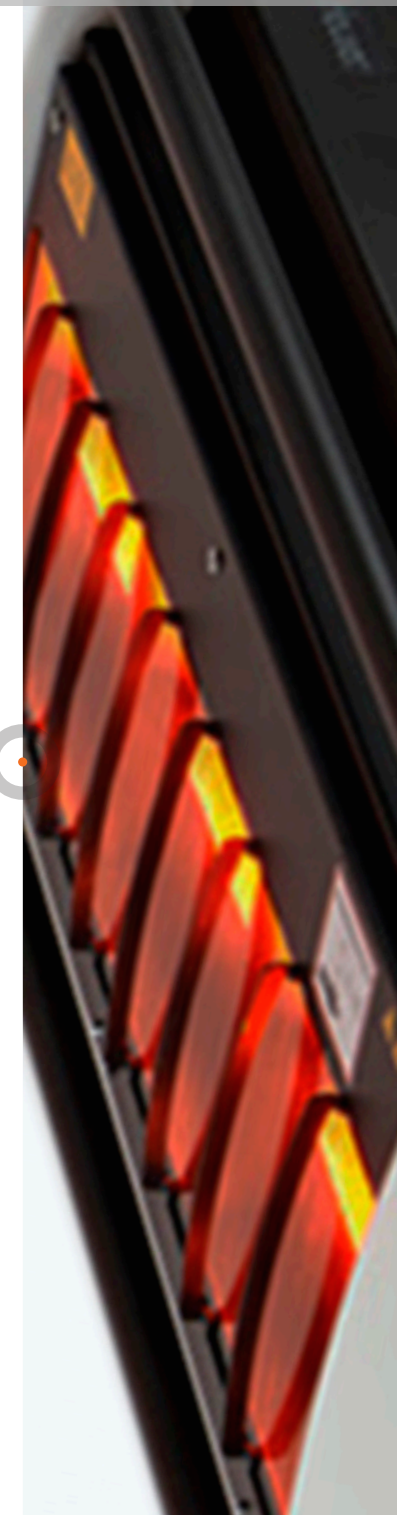
3441822 Mobile stand SSU (U-base), including mains cable

3441823 Mobile stand SSV (V-base), including mains cable

3441824 Wall arm HWA, including mains cable

ORDERING DATA

* without stand and without mains cable. Please order separately!



Halogen Infrared Spots

TECHNICAL SPECIFICATIONS

	IRS 2	IRS
Power supply *	220-240V, 50/60Hz	220-240V, 50/60Hz
Number of lamps	2	3
Heating capacity per lamp	200 W	200 W
Max. heating capacity	400 W	600 W
Lamps individually switchable	No	Yes
Timer	Max. 60 min.	Max. 99 min.
Device fuses	6,3x32 fast acting 5,0 A IEC 60127-2/4 • DIN VDE 0820	6,3x32 fast acting 5,0 A IEC 60127-2/4 • DIN VDE 0820
Overall dimensions (LxWxH)	555 x 365 x 145 mm	700 x 395 x 145 mm
Net weight	11,6 kg	12,0 kg
Shipping weight	13,5 kg	14,5 kg
Packing dimensions (LxWxH)	815 x 500 x 500 mm	815 x 500 x 500 mm
Medical Device Class	Class IIa	Class IIa



* = power supplied via the support system (optional)



Infrared radiators (model TGS)

The traditional TGS Infrared radiators are used for heat treatment (infrared thermotherapy) in physiotherapy.

Two versions of the TGS are available:

- TGS 6.2 (900W / 6x150W infrared)
- TGS 3.2 (450W / 3x150W infrared)

The TGS infrared radiators must be connected to a (mobile) support system since the power supply is built into the stand. These (optional) stands must be ordered separately.



Infrared radiators (model TGS)

TGS 6.2 (900 W)

- Powder-coated aluminium / sheet steel housing
- Housing colour: white
- Handle bar colours: red, blue, green, yellow or black
- Electronic timer (treatment time max. 60 min.)
- 6 therapeutic IR-lamps (Philips Infrared PAR 38, 150W)
- Each bulb can be switched ON/OFF individually
- Protection grid to avoid burns
- Main switch with power indicator
- Mountable to mobile stand SST / SSU / SSV (optional)
- Mountable to wall arm HWA (optional)



TGS 3.2 (450 W)

- Powder-coated aluminium / sheet steel housing
- Housing colour: white
- Handle bar colours: red, blue, green, yellow or black
- Electronic timer (treatment time max. 60 min.)
- 3 therapeutic IR-lamps (Philips Infrared PAR 38, 150W)
- Each bulb can be switched ON/OFF individually
- Protection grid to avoid burns
- Main switch with power indicator
- Mountable to mobile stand SST / SSU / SSV (optional)
- Mountable to wall arm HWA (optional)



Infrared radiators (model TGS)

3441801 IR-radiator TGS 3.2 (450W), 220-240V, 50/60 Hz

3441802 IR-radiator TGS 6.2 (900W), 220-240V, 50/60 Hz

Optional accessories

3441821 Mobile stand SST (T-base), including mains cable

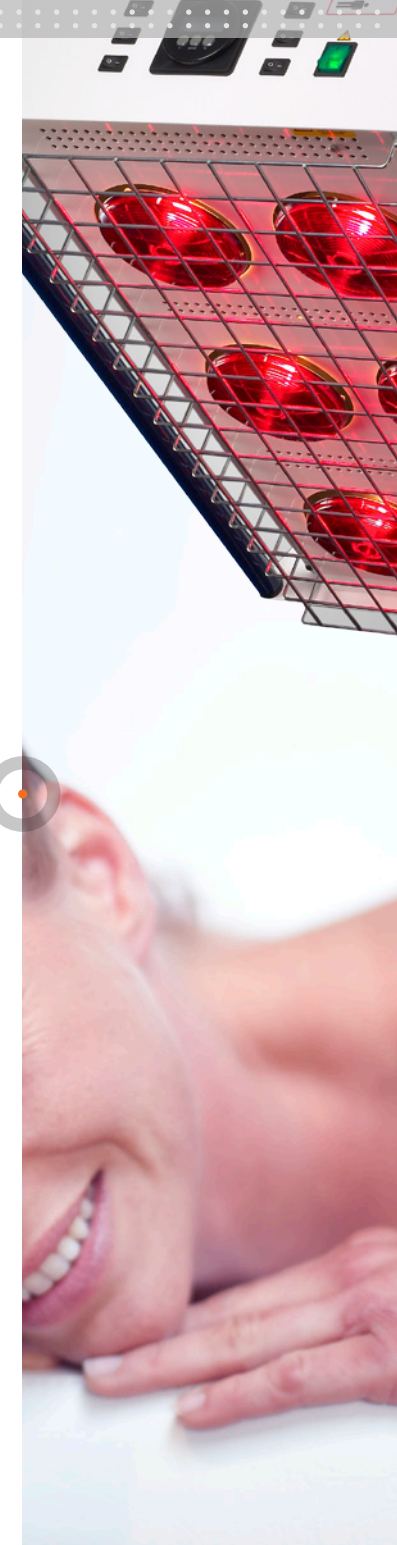
3441822 Mobile stand SSU (U-base), including mains cable

3441823 Mobile stand SSV (V-base), including mains cable

3441824 Wall arm HWA, including mains cable

ORDERING DATA

* without stand and without mains cable. Please order separately!



Infrared radiators (model TGS)

TECHNICAL SPECIFICATIONS

Infrared radiator / model	TGS 3.2	TGS 6.2
Power supply *	220-240V, 50/60Hz	220-240V, 50/60Hz
Number of lamps	3	6
Heating capacity per light bulb	150 W	150 W
Max. heating capacity	450 W	900 W
Lamps individually switchable	Yes	Yes
Timer	Max. 60 min	Max. 60 min
Device fuses	6,3x32 5 A	6,3x32 5 A
IEC 60127-2/4 DIN VDE 820	fast acting	fast acting
Overall dimensions (LxWxH)	710 x 330 x 160 mm	710 x 490 x 160 mm
Net weight	10,4 kg	9,8 kg
Shipping weight	13 kg	13,3 kg
Packing dimensions (LxWxH)	820 x 480 x 465 mm	820 x 620 x 465 mm
Medical Device Class	Class IIa	Class IIa



* power supplied via the support system (optional)



Support systems SST / SSU / SSV

Main features for mobile stand SST / SSU / SSV

- Powder-coated steel frame
- Frame colour white/black (other colour combinations at extra charge)
- 4 rotating castors with parking brake
- Stepless height-adjustment from 164 to 204 cm (top edge stand)
- Lifting support with gas spring
- Front height of stand base: 60 mm (SST) or 65 mm (SSU and SSV); fits under most treatment couches
- Connector for infrared spots with Ondal-coupling (such as IRS / IRS 2 / TGS 3.2 / TGS 6.2)
- Available as T-base, U-base or V-base



Mobile stand – model SST



Mobile stand – model SSU



Mobile stand – model SSV



T-base



U-base



V-base

Support systems

ORDERING DATA + TECHNICAL SPECIFICATIONS

Mobile stand

SST



SSU



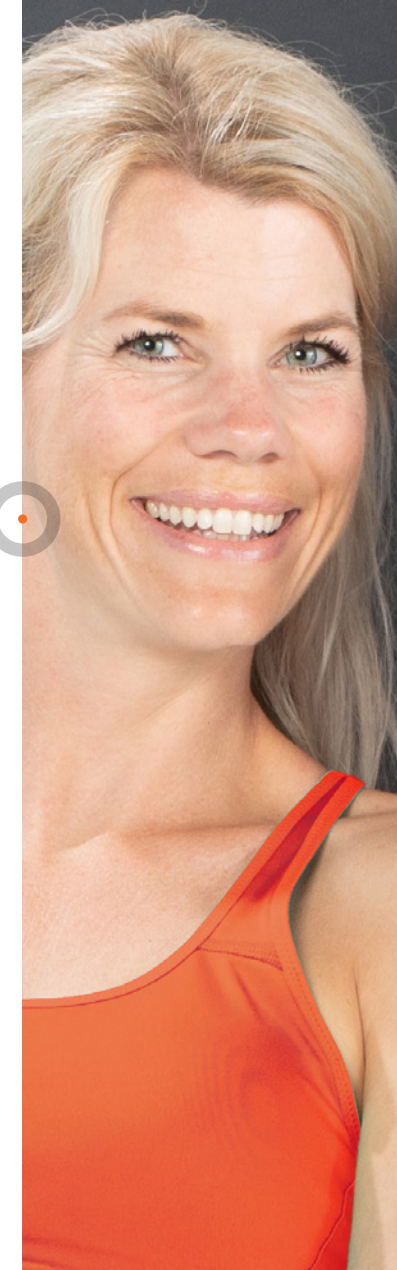
SSV



Wall arm HWA



Ordering data	3441821	3441822	3441823	3441824
Length	820 mm	800 mm	810 mm	
Front width	780 mm	800 mm	820 mm	
Rear width	570 mm	800 mm	560 mm	
Minimum height	1640 mm	1640 mm	1640 mm	
Maximum height	2040 mm	2040 mm	2040 mm	
Height of stand base (front)	60 mm	65 mm	65 mm	
Nominal Voltage		220-240 V		220-240 V
Power frequency		50/60 Hz		50/60 Hz
Cross section of the power cable		3 x 1 mm ²		3 x 1 mm ²
Packing dimensions (L x W x H)		165 x 29,5 x 16 cm		
Net weight	17,7 kg	17,8 kg	18,5 kg	8,5 kg
Packing - gross weight	21,5 kg	21,5 kg	21,5 kg	10 kg
Load range				8-13 kg
Radius of action				1550 mm
Maximum angle of inclination way up				35 °
Maximum angle of inclination way down				55 °





Thermotherapy

All for the
best thermotherapy

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