

Aqua Fairy AF-4500 Program Example

Program name	step	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P1 Whole body I	•Mode No	M2	M4	M5	M10	M8	M13	M14	M11	M12	M2	M4	M10	M13	M15	M9	M2
	•Mode	全身求心1	下半身1	上半身1	腰下腿1	腰大腿B1	首肩1	肩甲1	背腰1	腰1	全身求心1	下半身1	腰下腿1	首肩1	首1	腰大腿A1	全身求心1
	•Nozzle transition direction	上行	上行	上行	局所右左	上行	上行	局所右左	上行	局所	上行	上行	局所右左	上行	局所	局所右左	上行
P2 Whole body II (Strong stimulation)	•Mode No	M20	M19	M2	M10	M12	M6	M7	M29	M14	M15	M9	M12	M13	M15	M14	M2
	•Mode	上半身2	下半身2	全身求心1	腰下腿1	腰1	下腿1	大腿1	肩甲2	肩甲1	首1	腰大腿A1	腰1	首肩1	首1	肩甲1	全身求心1
	•Nozzle transition direction	局所右左	局所右左	上行	局所右左	局所	局所右左	局所右左	局所	局所右左	局所	局所右左	局所	上行	局所	局所右左	上行
P3 Whole body III (Softstimulation)	•Mode No	M18	M4	M27	M21	M16	M18	M26	M23	M21	M18	M4	M27	M21	M26	M23	M1
	•Mode	全身求心2	下半身1	腰2	リンパ2	全身求心2	背腰2	腰大腿B2	下腿2	全身求心2	腰2	下半身1	腰2	下腿2	背腰2	腰大腿B2	リンパ1
	•Nozzle transition direction	下行	上行	下行	上行	上行	下行	局所右左	右左	上行	下行	上行	下行	上行	局所右左	右左	上行
P4 Lower back & limbs	•Mode No	M12	M2	M6	M7	M10	M12	M26	M21	M2	M12	M6	M7	M26	M21	M12	M2
	•Mode	腰1	全身求心1	下腿1	大腿1	腰下腿1	腰1	背腰2	下腿2	全身求心1	腰1	下腿1	大腿1	背腰2	下腿2	腰1	全身求心1
	•Nozzle transition direction	局所	上行	局所右左	局所右左	局所右左	局所	局所右左	上行	上行	局所	局所右左	局所右左	局所右左	上行	局所	上行
P5 Around the neck & shoulders	•Mode No	M13	M3	M15	M28	M14	M29	M30	M14	M15	M2	M15	M28	M14	M29	M15	M2
	•Mode	首肩1	全身求心1	首1	首肩2	肩甲1	肩甲2	首2	肩甲1	首1	全身求心1	首1	首肩2	肩甲1	肩甲2	首1	全身求心1
	•Nozzle transition direction	上行	下行	局所	局所右左	局所右左	局所	局所右左	局所右左	局所	上行	局所	局所右左	局所右左	局所	局所	上行
P6 Left-right balance	•Mode No	M23	M10	M9	M26	M28	M6	M19	M24	M22	M2	M23	M10	M9	M26	M22	M2
	•Mode	腰大腿B2	腰下腿1	腰大腿A1	背腰2	首肩2	下腿1	下半身2	腰大腿A2	大腿2	全身求心1	腰大腿B2	腰下腿1	腰大腿A1	背腰2	大腿2	全身求心1
	•Nozzle transition direction	右左	局所右左	局所右左	局所右左	局所右左	局所右左	局所右左	局所右左	局所右左	上行	右左	局所右左	局所右左	局所右左	局所右左	上行
P7 Waist & back	•Mode No	M11	M12	M26	M10	M18	M24	M14	M27	M26	M12	M11	M26	M12	M24	M14	M18
	•Mode	背腰1	腰1	背腰2	腰下腿1	全身求心2	腰大腿A2	肩甲1	腰2	背腰2	腰1	背腰1	背腰2	腰1	腰大腿A2	肩甲1	全身求心2
	•Nozzle transition direction	上行	局所	局所右左	局所右左	下行	局所右左	局所右左	下行	局所右左	局所	上行	局所右左	局所	局所右左	局所右左	下行
P8 Lymph	•Mode No	M1	M17	M22	M27	M29	M16	M23	M18	M16	M17	M22	M27	M29	M1	M23	M17
	•Mode	リンパ1	全身求心2	大腿2	リンパ2	肩甲2	リンパ2	腰大腿B2	全身求心2	リンパ2	全身求心2	大腿2	腰2	肩甲2	リンパ1	腰大腿B2	全身求心2
	•Nozzle transition direction	上行	上行	局所右左	下行	局所	上行	右左	下行	上行	上行	局所右左	下行	局所	上行	右左	上行

※ 1 プログラムは 16 ステップです。1 ステップは1分です。

Aqua Fairy <challenge and Demonstration for Eco>

- integrated power measurement and electricity charges (measured)

With AF-4500) measuring equipment: yokokawa Electric WT210 760401-M/C2

- ①Terms of use:
Maximum strength 3.5yen/10minutes
Maximum strength/power saving mode 2.5yen/10minutes
- ②Usage time :10 minutes
- ③ Number of people (1hour):4 people
- ④ Operating time(1day):8 hours

- ⑥ Number of working days(1month):22days
- ⑦ Estimated unit price for new electricity:
27yen/kWh (tax included) *1
- ⑧ Number of operating days power consumption
(1 month) : Maximum strength:91.259kWh
Maximum strength /power saving mode: 65.185kWh

Estimated electricity rate(1month):2,464yen*

※Estimated electricity rate is calculated during operation and dose not include standby

25% power saving mode (AF-4500 has 25% power saving function)

Estimated electricity rate (1 month):1,760yen

①Saving Point

Power saving+screw

Power consumption

*Dedicated outlet construction is required.

Powerful hydraulic vibration stimulation with power Supply 100V power consumption 1100W+screw nozzle (3Types .5 classification) power consumption 1100W single-phase100V power supply with low electricity bill.

②Saving Point

Weight saving

Body mass at the time of water injection 245kg
Using tap water, the amount of water injection is approximately 110l
(mass at the time of water injection :approximately 255kg),and it is a lightweight design that does not require special floor reinforcement.

③Saving Point

space saving

Compact and quiet design that can be installed even on the wall. No space is required for maintenance.

*To maintain the water quality. You need to put in a special conditioner once a year, and there is no need to change the water.

Aqua Fairy AF-4500 Specification

Rated voltage	AC100V 50/60Hz	Timer	1to99 minutes (digital timer set every minute)
Power input	1.7kVA(power consumption 1kW)	Stimulation type	Water flow stimulation ,water pressure vibration stimulation
Electric shock protection format	class 1 equipment	Program	24types (30 modes)
Electric shock protection degree	B type mounting part	Water temperature setting	20~40℃
Safety device	water drowning overhead prevention device	Accessories	sand bag (about 5kg) conditioner ,tray, etc.
External dimensions	2110(W) 740(D) 520(H)mm Supine height 520 (H)mm	Approval	302AIBZX00021000
Water injection amount (tap water)	About 110liters	Classification of medical devices	Managed medical equipment (class II) SpecifiedMaintenance managed medical equipment .
Body mass	145kg(mass at the time of water injection: about 255kg)	Electromagnetic compatibility(EMS)	JIS T0601-1-2:2018compliant.

販売元 <https://www.ooshima.me>

株式会社 大島製作所
OSHIMA MEDICAL INDUSTRIES Co., Ltd.

Headquarters 1-21-7 Matsushima, Edogawa-Ku Tokyo 132-0031
Kansai Sales Office 3-7-38 Honjonishi, Higashiosaka City, 578-0965
Fukuoka Sales Office 2-2-5 Isoda, Hakata-Ku, Fukuoka City, 812-0881
Nagoya Sales Office 3-22-18-103Kodama, Nishi-Ku, Nagoya-City,451-0066

Tel: 03(3654)7205
Tel: 06(6744)0348
Tel: 092 (592)3110
Tel: 052(521)2310



NEW 快適性 機動性 経済性 エビデンス
Aqua Fairy
Hydro Massage Table
AF-4500

Evolved100V waterbed type of massager
NEW Aqua Fairy AF-4500

Water power and minimize energy loss.

The concept is massage effect of deep muscle in combination with human rhythm.
Programmed operation available with eight independent hyper nozzles.
It amplifies and acts on deep muscles (Human body vibration theory, human body vibration transmission characteristics) in addition, making full use of advanced wave-dissipating technology.
It suppresses the shaking of the head peculiar to waterbed to utmost limit and controls the occurrence of seasickness (according to our verification)



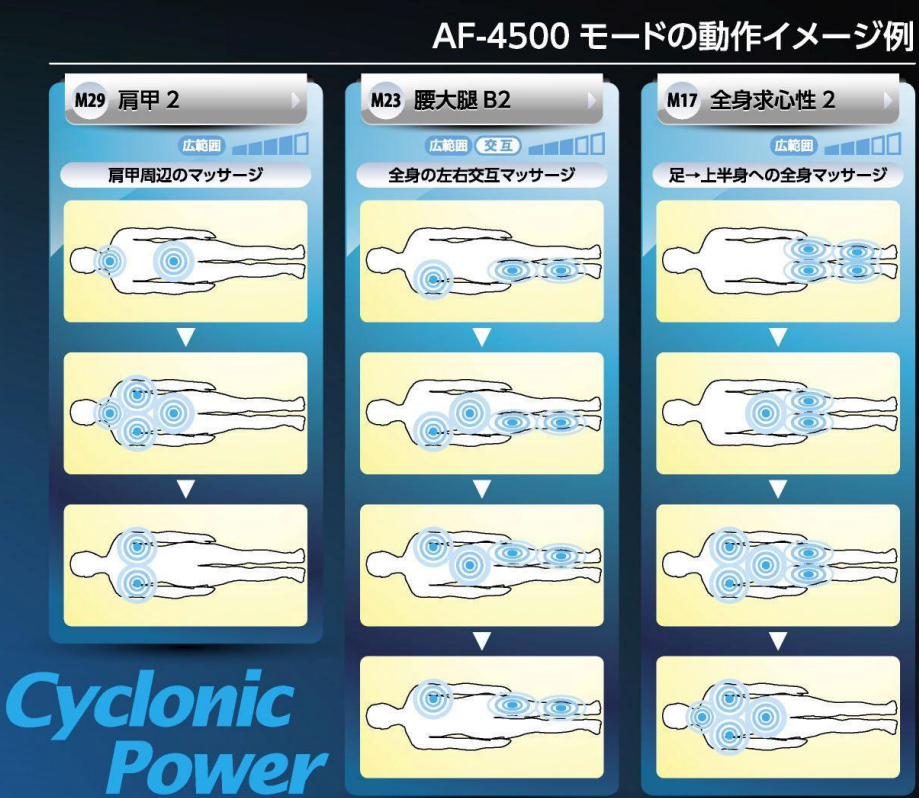
AF-4500
オプション仕様

AF-4500 標準仕様

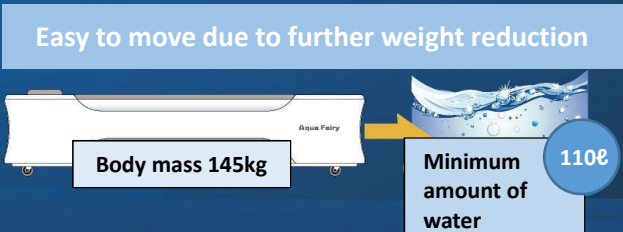
Aqua Fairy
Hydro Massage Table



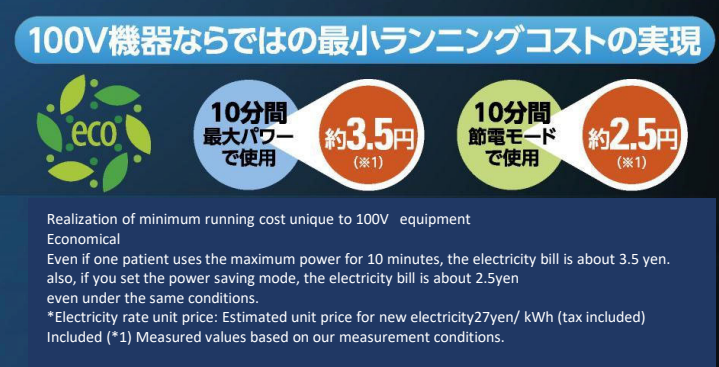
Amenity operation remote control with a 4.3inch color LCD touch panel.



The bed surface is large ,providing a comfortable ride.in addition, the sheet Fabric is an antibacterial processed material and has excellent quick-drying properties.

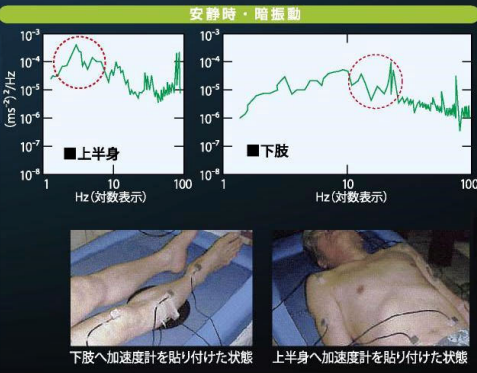


Mobility : It is the lightest waterbed massager with a body Mass of 145kg and minimum water volume of 110 liters. Since it is a movable type



Evidence : Mechanism of deep muscle massage provide by human body vibration theory.

The hydraulic vibration frequency of Aqua Fairy matches the Vibration rhythm peculiar to the human body,” upper body” 3~6Hz And” lower body 10~15Hz,” and resonates with the human body rhythm to obtain deep muscle massage and deep relaxation .Moreover ,this massage effect has the feature of “ remaining in the human body for the long time” by incorporating these characteristic into the “new self-mode.” We have pioneered the boundaries of complex massage of the muscles.



「Human body vibration theory」

Each part of the body lying on its back has a fixed Frequency at rest (see the graph of resting/dark vibration), And there are vibration characteristics and vibration perception thresholds perceived by each part.in addition , since there is a unique resonance wave number in the transmission process during vibration, it is said that each part also exhibits unique resonance and amplification.
Demonstrate vibration transmission characteristics to each part of body.

Part of the human body in order to clarify the input vibration from the lower and upper body and the vibration transmission of each part of the human body, measurement experiments at the site.
[Vibration measuring instrument: IMV VP-7002.]