

# Houva 4<sup>®</sup>

Trusted Phototherapy Solutions  
for Full-Body Clinical Treatments



Phototherapy System  
with DermaSense<sup>®</sup> Technology

 | NAT BIO  
Phototherapy Solutions

# Houva 4<sup>®</sup>

**HOUVA 4<sup>®</sup> Phototherapy System with DermaSense<sup>®</sup> Technology** combines proven phototherapy treatment with the latest technology in UV light measurement.

## Safety interlock automatically shuts off unit when door is open

*Prevent accidental exposure to others in the room with this built-in safety feature.*

## Non-UV transmitting viewing window

*Safely monitor your patient's treatments when you use the non-uv transmitting viewing window.*

## High output lamps

*48 high output lamps eliminates the need for lengthy treatments while simultaneously providing effective and precise care. (see lamp configurations)*

## Integrated removable sensors

*The removable sensors allow for quick and easy calibrations thus minimizing downtime and ensuring your phototherapy unit is operating at peak potential.*

## Hand rails for patient safety

## Safety screens

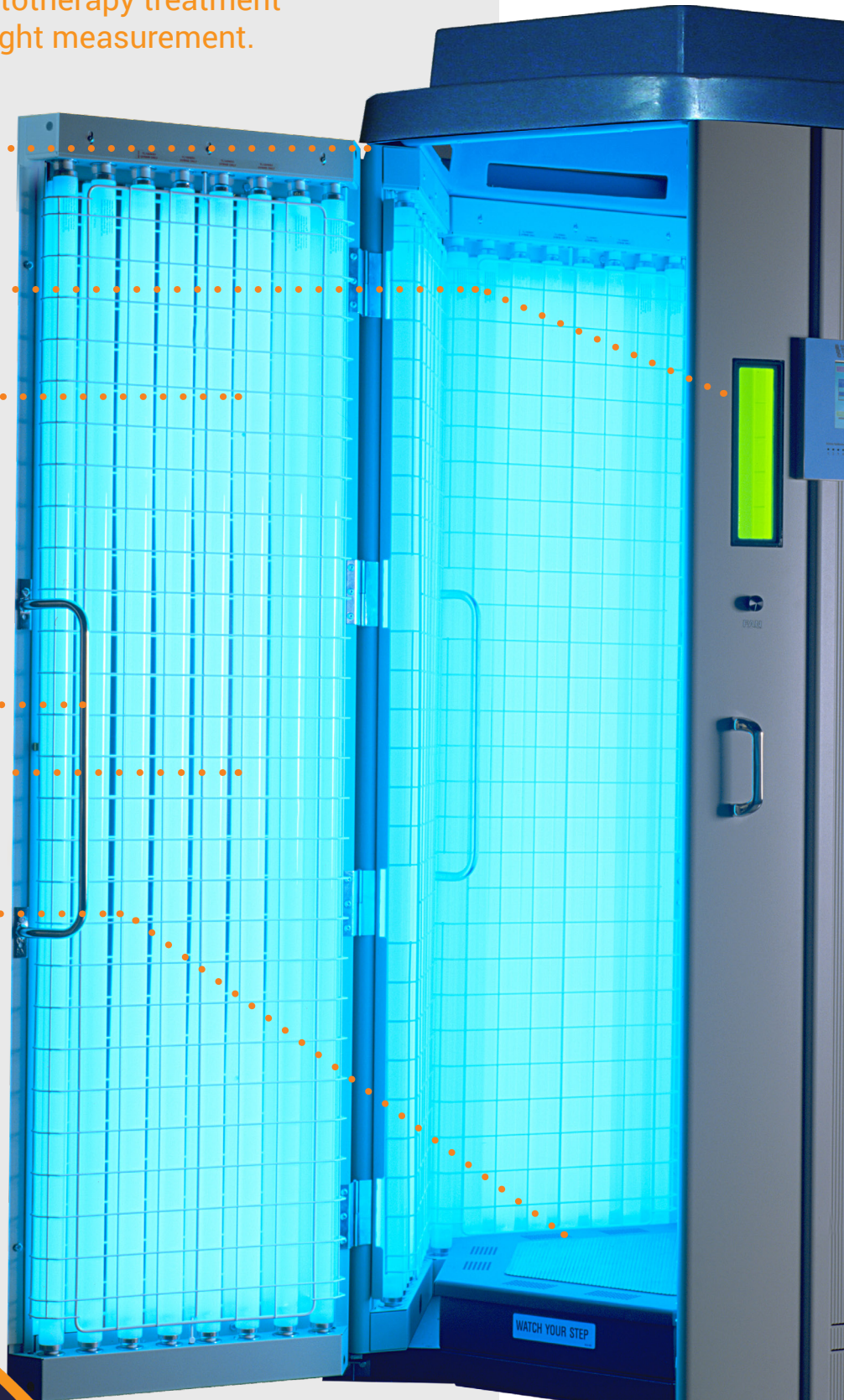
*Designed for maximum light output, the screens also protect the patient from accidental contact with the lamps.*

## Patient Ergonomics

*Exclusive perimeter flow ventilation for increased patient comfort.*

*Raised floor for proper treatment of lower legs.*

*Non-skid floor mat for patient safety.*



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## DermaSense® Technology:

Only HOUVA 4 has DermaSense, the exclusive dual measuring technology that features integrated, removable microprocessor-controlled sensors that constantly monitor UV and electrical power levels with real time readings.

DermaSense automatically controls UV energy, making conventional light meter readings unnecessary and assuring optimal treatment times. HOUVA 4 controls are designed to never fail in the "ON" position.

## Touch Screen Controlled:

The HOUVA 4 is equipped with the new DermaSense 4 Controller - an intuitively designed touch screen controller that enhances the overall user experience.

### Features & Benefits:

- **43% Larger Interface.** To enhance visibility and help reduce errors caused by incorrect button entry we have almost doubled the screen size versus previous models.
- **3X Screen Resolution.** The 24-bit, high resolution screen emits vibrant colors to provide the perfect balance of contrast and HD clarity.
- **Resistive Touch Sensitivity.** The highly-responsive and intuitively interactive touchscreen interface allows for seamless control of the device.

The controller utilizes "watchdog" circuitry that shuts off the unit if a potential malfunction is detected - giving the prescriber peace of mind.

## Exterior Finish:

The exterior of HOUVA 4 is constructed of a durable mar and dent resistant material finished in a sophisticated gray color that will look great now and in the future.

## NatBio Makes Annual Recalibration Easy:

NatBio's service team is here to help you and your clinic. Our highly trained and friendly team will ensure your clinic's phototherapy devices are operating to their fullest potential, ensuring your office retains the highest patient throughput and most ROI on your device. Ask your NatBio representative about our service offerings today.

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## Three Lamp Configurations Available\*

### UVB Configuration

UHU-318

- Equipped with 48 Narrowband UVB lamps

### UVB/UVA Configuration

UHU-312

- Equipped with 24 Narrowband UVB lamps and 24 UVA lamps

### UVA Configuration

UHU-314

- Equipped with 48 UVA lamps

\*Other lamp configurations available on request.

All models come standard with LCD lamps.

## SPECIFICATIONS

### ELECTRICAL RATING:

- 208 VAC, 60 Hz,
- 24 amperes per leg
- 10-foot, 4 conductor #10 AWG power cable included
- Optional international base 200/221/220/230/240 volts, 60 hertz

Note: A 30 amp disconnect switch should be located within 5 feet of the device. For other supply voltages and systems, including international use, contact NatBio.

### ELECTRICAL CERTIFICATION:

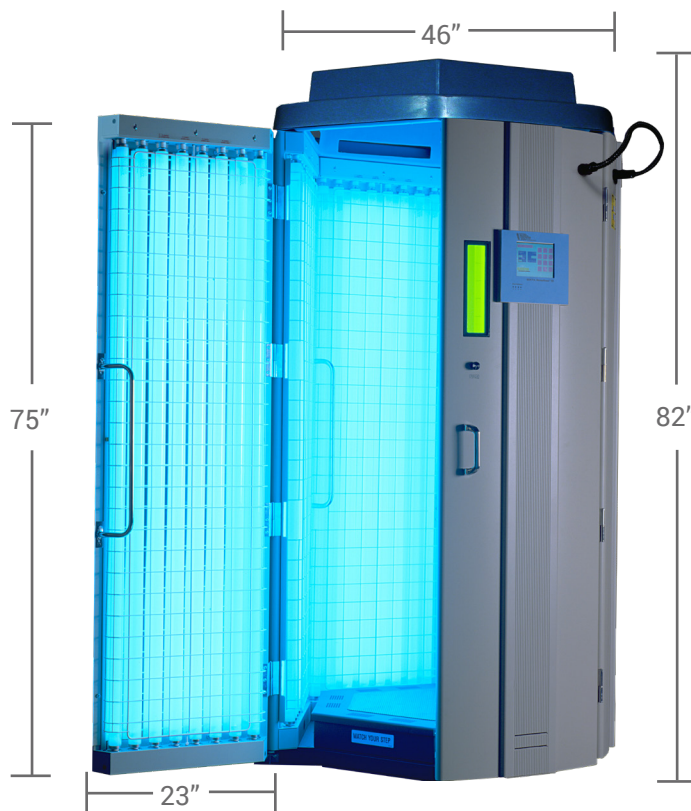
- Listed with SGS
- Certified to the Canadian Standards Association and CMDCAS
- National Biological Corp. is certified to ISO-13485

### DIMENSIONS:

46" W x 49" D x 82" H

### WARRANTY:

- All parts (excluding lamps) carry a 1-year, free replacement warranty. Extended Warranties also available.
- Lamps warranted for 90 days.



Depth: 49"

Approximate width with door open is 70"  
All products shipped F.O.B. Beachwood, OH.

## The NatBio Advantage

- An experienced staff of full-time engineering professionals well versed in UV technology
- On-site installation and training on Houva 4<sup>®</sup> operation and benefits
- Service performed on your premises
- Thorough testing, inspection, and documentation of every device and component by our Quality Assurance staff
- Quality-built with care and attention to detail
- "Total Support" with the most comprehensive warranty in the industry



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Proudly Designed &  
Built in the USA

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