



Congratulations on your purchase of Water Rat Boot Dryers from waterratgear.com

We hope you get years of use for these super-tough ABS polymer boot dryers.

### 1: WHATS IN THE KIT

(note It is recommended you have 2 boot dryers so you can dry 2 boots at once, these quantities are for 1 boot dryer.

- 1x Fan with housing, guard and usb cable
- 1x Nozzle with curved end to stop boot damage during insertion
- 2x Extension pieces for longer boots
- 1xElbow : to get the air right down into the toe of the boot
- 1xCarry bag with hidden pocket for stuff, or your battery or usb charger, Environmentally savvy reusable packaging .



Image: 2 boot dryers: one disassembled, one assembled





## 2: CONFIGURE YOUR DRYER TO THE TASK

### TIPS

- Don't overtighten the pieces
- Set the fan right at the top of the boot to draw fresh air in, and hold the boot top open



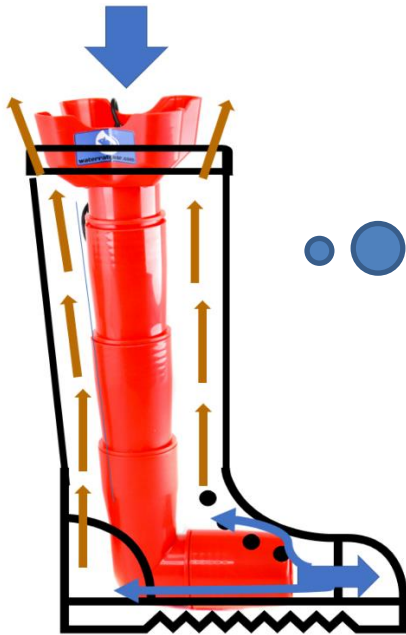
- To get the dryer in position, open the boot and wiggle the dryer in the same as you would with your foot
- For tiny boots, try leaving the elbow piece off, just fit the nozzle onto the straight extension pieces, as shown. Leave some room at the bottom under the nozzle for the air to get out
- you can turn the dryer upside down to dry your gloves or dry the inside of a helmet





### 3: HOW DOES IT WORK?

Plug the fans into any 5.5V USB power supply, in your car, house, or a portable power bank battery.



The dryer pushes air right down into the bottom of the boot first,

So, all the wet air gets pushed out with fresh air, then the boot dry's

The magic is in the shape of the fan housing.

It lets fresh air in from the top of the boot and wet air is pushed out through the 4 vents



To check you have air flow you can dangle a thin strip of tissue in the boot see the air movement like this feather

Don't let it get sucked into the fan!





#### 4: PERFORMANCE

We tested it extensively and the data shows it works great! The trick is to put your boots in a normal comfortable room or car or RV. The air flow does the rest. Humidity around 50% and normal room temperature is fine, the data log below is for drying overnight in an unheated room. The trial started at T-10 hours. The blue line is the ambient room humidity. The green line shows a dripping wet boot with no boot dryer. It never dries. It stays wet for many days. Even on hot dry days. That's why bacteria and mould, grows in your expensive boots. Not good! The red line is for the boot with the Water Rat boot dryer, which is much better! The internal humidity of the soggy saturated boot dropped steadily to just above the blue line (room humidity) in 8 hours in an 18degC room. (this indicates it is dry)

For less wet boots (damp or sweaty) or a warmer room, it will be quicker again. The result is dry comfortable boots to wear, improved health, and no mould smell.



#### 5: NOISE LEVEL

- One dryer fan running 50dB @1m.
- Two dryers running 55 dB @1m (Audible but quiet)
- Note : If you are trying to sleep in the same room while they are running and you are noise sensitive, put them in the cupboard or away out of direct eyesight or place a flat object like a book on top of them, the sound miraculously goes away and they still work.

#### 6: FAN SPECS

Rated voltage 5VDC: rated current 0.58 amp. (measured Running current) Run time on 20000mAh battery bank approximately 17 hours for 2 boot dryers connected.

Contact us      We would love to hear what you think , you can contact us at [www.waterratgear.com](http://www.waterratgear.com) or [info@waterratgear.com](mailto:info@waterratgear.com).

#### 7: WARRANTY

A 12-month spare parts or replacement warranty applies. Email us at [info@waterratgear.com](mailto:info@waterratgear.com) with your issues , and invoice date . Note: Cable damage from mistreatment is not covered but spares are available at cost price.

