



Rack Size

There are three different racks sizes:

JVK Large Rack

Triple, twin, single stack

JVK Medium Rack

Triple, twin,

JVK Hatchling Rack

X5 tubs x 3tubs

The JVK Large Rack is mainly for breeder/adult ball pythons, male Boas etc with the JVK large tubs.

The JVK Medium Rack is mainly for juvenile ball pythons or adult males. The JVK Hatchling Rack is mainly for hatchlings.

The standard JVK Large, Medium, Hatchling racks consist of:

Eleven steel sections that are interchangeable. All of the steel levels have been etched and then powder coated with a metallic grey finish. This process will protect the steel.

Each level for a standard JVK rack will have either 3 large tubs or 3 JVK Medium tubs Or 5 JVK small/Hatchling tubs but we can do the large and medium racks in single widths, please see our pricing list.

To accompany each tub we have easy access, clear polycarbonate sliding covers. These covers keep the humidity in the tubs and also mean you can see the reptile easily from above. The covers are ordered with holes drilled to allow more ventilation. This is explained more in the ventilation section of the enquiry form.

Each easy accesses polycarbonate cover is on rails above each tub with a 5mm approx gap between tub and cover. This gives more than enough ventilation for the snake, but the covers do help to maintain humidity in the tubs.

The easy access polycarbonate cover is held in place by one (L) bracket per tub. This bracket is located by two plastic push rivets, which will keep the brackets in place so the snakes can't slide the cover away from the rack. The brackets are very easy to remove and attach. The polycarbonate is also easy to clean after breeding or for general hygiene. The acrylic does come in a range of colours but we recommend clear or White.

Each level has a 7" heat panel. We can provide a 12" heat panel. This is explained in Enquiry Form under heat panel options.

Each heat panel has a Habitat heat strip, insulation and an earthed UK mains plug; they also have magnet pads on each end for positioning on each level. Every heat panel is made from aluminium. They provide excellent heat transference to the bottom of each tub in all racks. Each rack has easily operated lockable nylon casters.

Our racks also come with power strips in 2 x 12 socket, for 10 high racks, this depends on how many thermostats you have for one 10 high rack (we recommend two thermostats and 2 x 12 socket power strips)

We use (1-2) Habitat Pulse Proportional thermostats for each 10 high rack.

Ventilation

JVK easy access ventilation offers either:

1. Natural ventilation

2. Vented extra (50%) Ventilation

Natural option - maximises the amount of humidity in the tub. We recommend this for all rack types in all specially heated reptile rooms or ordinary household rooms.

Ventilated option - we only recommend the 50% ventilation if you have a specially heated reptile room as well as artificially high humidity in the room.

Obviously, we live in the UK/EU where heat and humidity are too low for royal pythons. The JVK natural ventilation option will keep as much heat in the tub as possible. There is a 5mm gap approx from top of the tub to the bottom of the polycarbonate cover, this gap gives sufficient air flow for the snake.

When the option for 50% ventilation is used we have small holes drilled in the polycarbonate for added ventilation where heat and humidity will be lost. This is why we recommend it is only used in heated, high humidity rooms.

We are testing a technique for heat to be delivered from above each tub. This will avoid a heat gradient and give an even heat throughout the tub in a normal household room. Please ask for further information on this option if you are interested.

No of Levels

JVK Reptiles & Racks gives you the option to buy one or multiple levels at a time.

Each level will come with:

- **JVK etched & powder coated welded steel frame**
- **JVK white ABS Tubs**
- **JVK heat panel**
- **JVK caps & plugs**
- **JVK natural easy access ventilation polycarbonate covers with (L) brackets and push fit rivets**
- **(Thermostats and power-strips are not supplied as standard for single levels, so need to be specially requested if required in our Enquiry Form.)**

Caster Level

JVK lockable casters are combined with a lower level. This level holds the heat panel for the bottom tubs and supports the lockable nylon caster so this level has to be included with any order, unless you have already purchased a caster level from us.

Heat Panels

The JVK Heat panel is made of aluminium. We have 2 options:

A. 7" standard heat panels

B. 12" heat panels

If you require one or more 12" heat panels these will have to be specially made for your order. You will have to state on your Enquiry Form that you have chosen this option. Extra cost will be added as the panel is larger and the heat strip is also larger.

Each heat panel comprises an aluminium panel, heat strip, insulation and Velcro pads.

Thermostat

JVK Reptiles and Rack use what we think are the best and most widely used thermostats - the Habitat Proportional Pulse high range thermostat.

This thermostat gives you the option to use a timer for a temperature drop on the heat panels. This helps in the breeding season.

If you order a standard JVK Rack you will be supplied with 1 thermostat. We do recommend you use two thermostats, we can supply extra units.

One thermostat will control the upper half levels and the second will control the lower half levels.

If you need to give a temperature drop for half of your breeding snakes, but resume heat for the males, or finished breeding females, the double thermostat option allows you to have half the rack in the breeding cycle and half the rack in the normal 24/7 heated cycle.

We are aware these thermostats are widely used. So, if you have your own, you just need to state on the Enquiry Form that thermostats are not required. This will bring the price down.

You can have the option for one thermostat and one 24 socket power strip,

Power Strip

If you order a standard rack you will be supplied with a standard power strip but you can upgrade to our black box power strips.

Here at JVK Reptiles and Racks we use the best power-strips we can buy; they are made by Black Box and finished in black powder coating.

We recommend as standard 2 x 12 sockets power-strips for a multi-level rack (with two thermostats) if you don't want to use our power-strips you will need to state this on the Enquiry Form. This will bring cost down but we do highly recommend these plug units - they are strong, safe as possible, and look very smart with the racks.

If you are purchasing our racks for use outside the UK, then please state this on the Enquiry Form as we cannot supply power-strips or heat-strips for EU use at the moment.

Because we supply twice as many sockets as you need for one heat-strip per tub, you can double up on heat strips if you wish - see JVK heat gradient option.

Colour

Here at JVK Reptiles and Racks we want our racks to last for as long as possible, so we try to minimise the onset of rusting. We do this by etching every level in every rack, well as powder-coating each level. The powder-coating standard colour is a matt metallic finish. This is a high quality finish and not a standard colour in the powder-coating colour chart.

Instead of etching we can zinc plate the rack this will be an extra but will only cost £15 per level. We chose this colour because it fits well with the look of the racks and when you buy a hi-tech rack you need it to look as good as possible.

We can supply a colour chart if you would like to have a different colour. In most cases this will not affect the cost BUT once the order has been placed we cannot take rack returns, or make a refund, unlike our standard colour.

If you would like us to send you the colour chart please contact us.

Heat Option

If you have one of our racks in a normal 69 deg F household, with a single heat-strip per level, your rack will provide the belly heat and a heat gradient up and down the length of the tub i.e. somewhere warm for the snake and somewhere cool; but by adding an extra heat strip, with a modified ventilation system,

We can provide an even heat down the whole tub. This can be done for each level. This is where the extra plug sockets come in and the x2 thermostats.

The reasons why you may want to consider this option are:-

- **Gives even temperature heat in entire tub.**
- **Helps prevent R.I. infections**
- **Helps with temperature drops in breeding**
- **Most important, gives the snake what they need in temperature at certain times in the breeding cycle**