



We Dare To Do It Different

# Case Study

## REPTILE CAGE

### Product Developers

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## About Product:

Alike others, if you are planning to include a reptile as your new family member, then here we bring you the most comfortable dwelling for them. Affordable and easy to use, Reptile Cage is a safe and comfortable containment for your new pet (reptile). It is designed, developed and manufactured to effectuate all end-user's demands and expectations.

**Background:** Reptiles are fast becoming more and more popular as household pets. Safe and comfortable containment that is affordable and easy to use is desired by dealer and user alike.

**Problem:** Reptile cages are bulky and heavy making it difficult for dealers and users like to transport, handle, and maintain them. Concerns are for a cost-effective, secure and safe structure for the reptile that also provides ease of access in addition to a controlled environment.

**Solution:** Working in an on-going collaborative manner with our client, who is a reptile dealer as well as an avid collector, we designed, developed, and manufactured a reptile cage that met all of the client's demands and expectations. Novel corner connectors were developed for the easy to assemble lightweight aluminum frame components.

## Product Features:

Reptile Cage is lightweight, hence it is easy to transport, handle and maintain them. The mesh ventilation enables good ventilation, and the item is fully sealed so can be filled with water. It is easy for feeding and cleaning.

- Finished assembly consists of form fitted aluminum frame components that capture glass or Plexiglas side and viewing panels, top grated and access panels, and sturdy bottom panel.
- Bottom panel sub-assembly is easily accessed for cleaning
- Top panel consists of air grate and viewing panels that are easily secured and accessed for food and reptile placement and removal.
- Knock down construction allows for compact packaging of pre-assembled sub-assemblies for low cost shipping.
- User assembly is easy and intuitive
- Precise frame components easily and securely interlock and are light weight