

RainBox

The *RainBox* is a rectangular “rainbarrel” that offers high storage capacity and effective filtration in a very compact form factor. Each RainBox measures 24” wide by 20” deep by 42” high and holds 75 gallons. Multiple RainBoxes are easily connected with flexible couplings clamped to the built-in 2” high-flow top and bottom ports to create systems with 150, 225, or 300 gallons or more combined storage capacity. The RainBox is made of 1/4” thick UV-resistant black recycled polyethylene for long life.

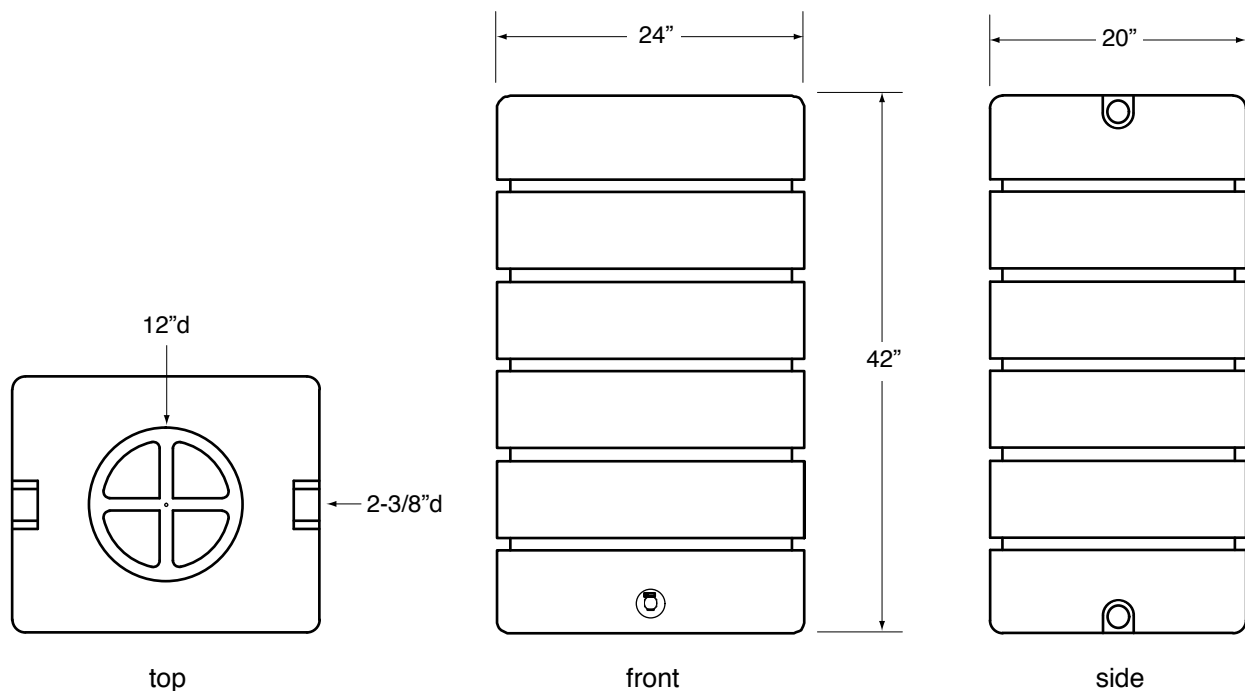
Downspouts simply dump rainwater onto one of the large synthetic filter pads built into the top of each unit. The pads trap all debris larger than 1/64”, but their open three-dimensional structure does not easily clog like metal screens. The filter system also serves as an insect barrier, sun shield, vent system, and child-safe barrier.

Water is typically drawn through a 3/4” threaded fitting at the bottom and flows by gravity to a garden or other water use. A ball valve and hose adapter are included with each RainBox, and complete systems also include couplings and an overflow system. Where gravity flow is impractical, a small external pump can be used.



PHYSICAL CHARACTERISTICS

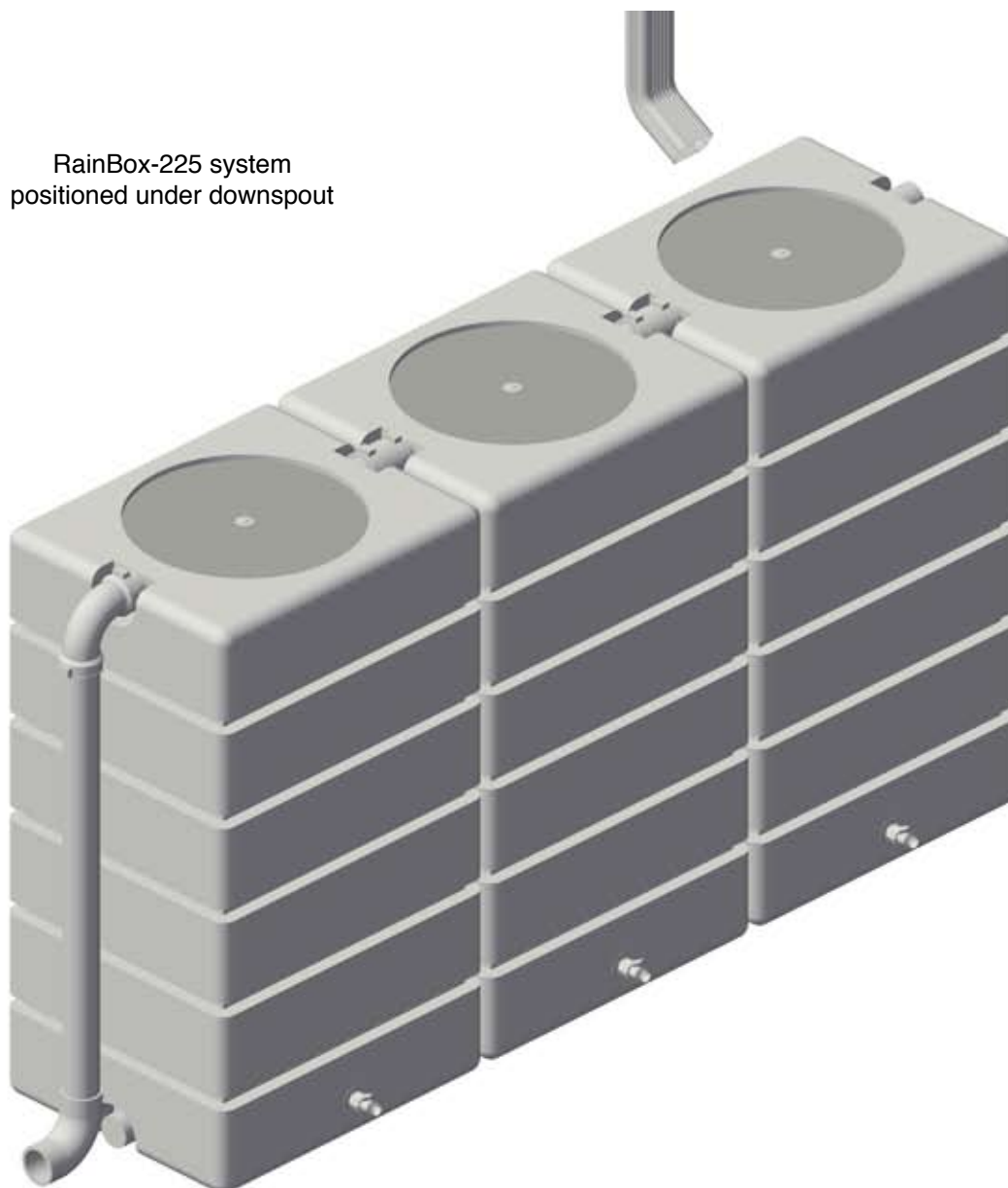
Model	Volume	Length	Depth	Height	Ports	Valve	Filter	Weight
RainBox	75 gal	24”	20”	42”	2” pipe	3/4”	12”d	50 lb



SYSTEMS

RainBox systems include one or more RainBox tanks, pre-drilling of side ports as required, flexible couplings as required, an overflow assembly for one end, and a cap to plug the opposite end. Multi-tank systems are easily assembled by laying the tanks on their front faces, attaching the couplings, and tilting the completed assembly into position. A sturdy level and flat base is required to align multi-tank systems.

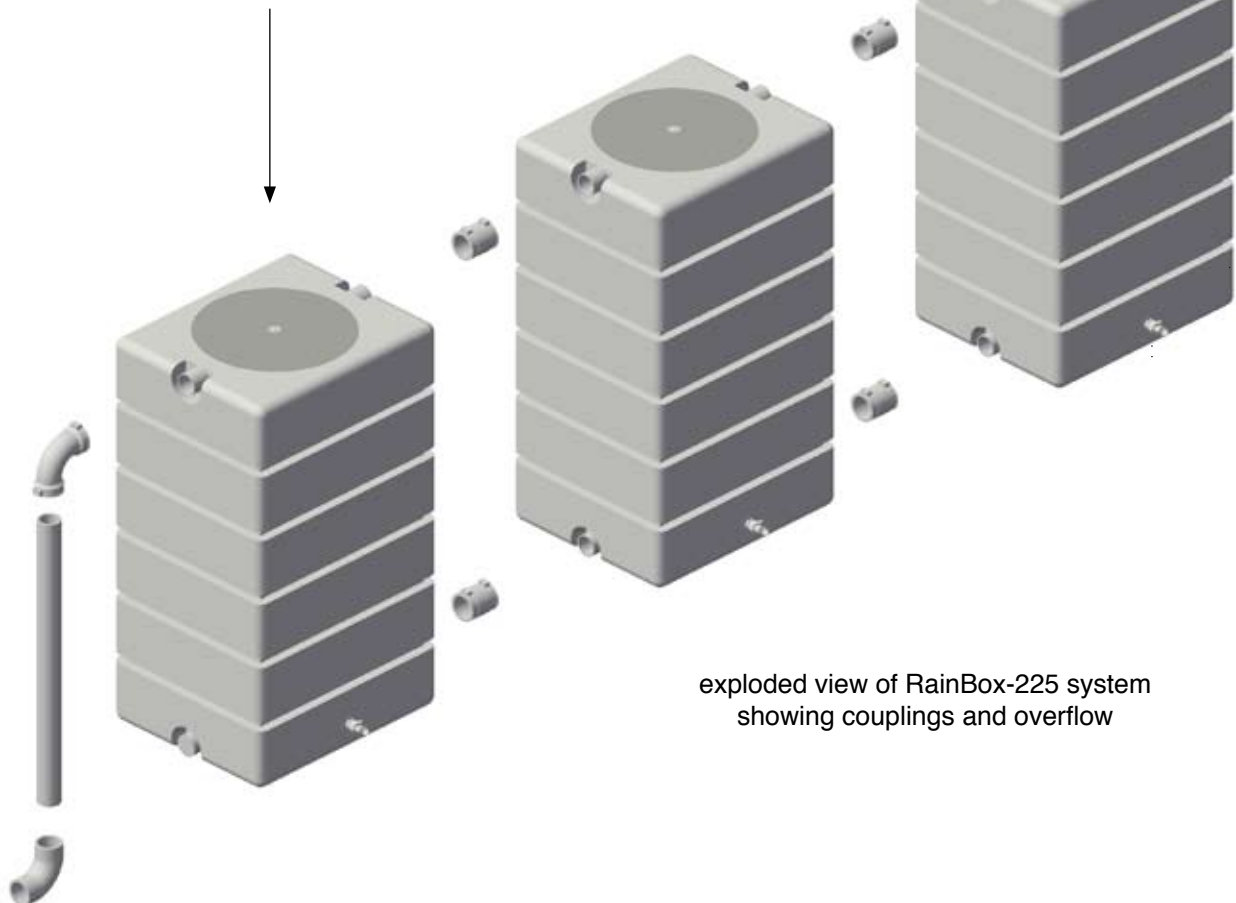
System	Volume	Units	Couplings	Valves	Length	Depth	Height	Weight
RainBox-75	75 gal	1	0	1	24"	20"	42"	50 lb
RainBox-150	150 gal	2	2	2	48"	20"	42"	100 lb
RainBox-225	225 gal	3	4	3	72"	20"	42"	150 lb
RainBox-300	300 gal	4	6	4	96"	20"	42"	200 lb



COMPONENTS



exploded view of RainBox
showing filter pad with fasteners,
child-safe filter support, hose
adapter, and ball valve



exploded view of RainBox-225 system
showing couplings and overflow