

How fast does the RV Power Tank™ Top-Off a large RV tire?

(a) TIRE/WHEEL SIZE	(b) Tire Top-Off Pressures		
	5 psi	10 psi	15 psi
	(c) Seconds to Top-Off your tire by these pressures.		
22.5"	17.5 seconds	35 seconds	52.5 seconds
19.5"	12.5 seconds	25 seconds	37.5 seconds
16"	7.5 seconds	15 seconds	22.5 seconds

The times above are average and your time may vary due to variations in tire sizes and valve stem flow rates.

How many tires can one RV Power Tank™ Top-Off on one fill?

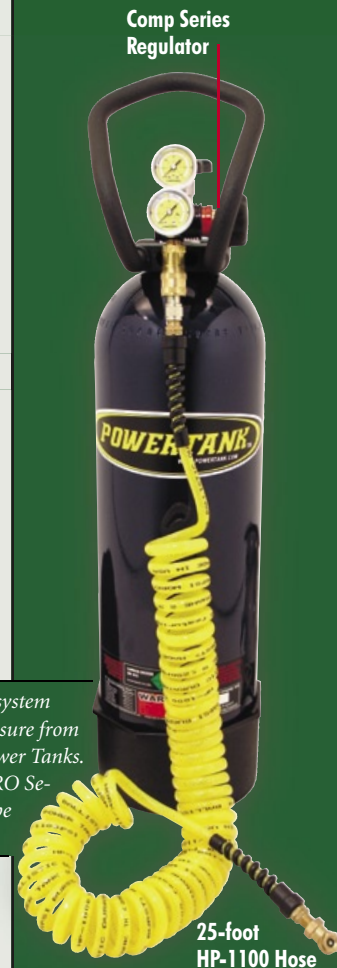
(a) TIRE/WHEEL SIZE	(b) Tire Top-Off Pressures		
	5 psi	10 psi	15 psi
	(d) Quantity of tires topped off per tank (RV-10 / RV-15).		
22.5"	57 tires / 85 tires	28 tires / 42 tires	19 tires / 28 tires
19.5"	80 tires / 120 tires	40 tires / 60 tires	26 tires / 39 tires
16"	133 tires / 200 tires	66 tires / 100 tires	44 tires / 66 tires

The quantities above are average and your count may vary due to variations in tire sizes.

- (a) This is the size of the rim that your tire sits on.
- (b) This is the amount of pressure needed to Top-Off your tire to proper specs.
- (c) This is the number of seconds it takes for a Power Shot to Top-Off your tire.
- (d) This is the number of tire top-offs you would get from one tank fill of CO2.
The first quantity is for the #RV-10 and the second quantity is for the #RV-15.

"ZIPPER BURST" WARNING: High pressure RV tires are constructed differently than passenger tires and support much more demanding weight requirements. If a passenger car tire rated for 32 PSI leaks down and is driven on 16 PSI most of us would simply air it back up and move on. However, if an RV tire is driven on at just 20% below recommended pressure (ie. 120 psi tire run at 96 PSI) for any distance it is recommended that that tire be replaced or at least inspected by a qualified tire professional for possible tire damage before the tire is re-inflated. Inner cords could be damaged due to excessive heat and stress creating the possibility of the side wall blowing apart during re-inflation. This is called "Zipper Burst" and can result in serious injury or death.

If you're interested in an adjustable pressure system which would allow you to set your outlet pressure from 0-200 PSI ask us about our COMP Series Power Tanks. If 0-300 PSI is what you're after that's our PRO Series Power Tanks. Both of these systems can be seen on our website <www.powertank.com>.



A FEW TIPS & BITS OF INFO ON TIRE SAFETY:

- The number one maintenance issue for RV's (both motorhomes and trailers) is tire pressure. To get correct pressure after weighing you should check the tire manufacturer's pressure chart to determine the correct pressure VS. axle weight.
- Tire pressures should be checked at least once a month, before leaving on a trip, and each day that you drive during a trip.
- Tire pressures should be checked while tires are cold or before they have been driven on that day since tire pressure ratings have been designed to allow for typical driving heat/pressure build-up.
- Properly maintained tire pressures can provide thousands of additional miles to the life of your tires, greatly add to the safety of your coach or trailer, and result in as much as 10% better fuel efficiency.
- All tires on one axle should be inflated to the same tire pressure.
- Always rotate your tires at regular mileage intervals for uniform wear on all tires. Consult your coach manufacturer's manual for tire rotation recommendations.
- Tire cupping is often caused by improper tire pressures.
- Overloaded tires (tires carrying more weight than they are rated for) can result in catastrophic tire failure. To ensure proper tire loads you can get the individual corners of your "fully loaded" RV weighed at some RV shops and match these weights to your tire's Max. Load Rating. Fully loaded includes passengers, all supplies, all liquids (gas, water, etc.), and any towed trailers. There should not be a huge difference in weight from left side to right side. Consult your tire manufacturer for proper tire

pressures after vehicle is weighed and be sure to maintain these pressures during your trip. For more great tire safety information visit www.rvsafety.org and www.tiresafety.com.

- If your RV is stored for long periods between uses do not put into storage with under inflated tires.
- Try to store tires in a cool, dry, sunless environment. You can wrap your tires with an opaque polyethylene covering to minimize the effects of ozone and wind. These tire bags are available at some tire retailers.

CO₂ CAN SAVE YOU MONEY !

An RV with tires that are 10% below proper tire pressure can cost 10% in additional fuel consumption. This chart below illustrates just how much money in fuel costs you could save by maintaining proper tire pressures. These numbers are based on a motorhome averaging 6 or 8 mpg at a fuel cost of \$3.00/gallon.

Fuel cost @ 8 mpg (\$3.00/gallon) 10% Savings

5,000 miles	\$1,875.00	\$187.50
10,000 miles	\$3,750.00	\$375.00
20,000 miles	\$7,500.00	\$750.00

Fuel cost @ 6 mpg (\$3.00/gallon) 10% Savings

5,000 miles	\$2500.00	\$250.00
10,000 miles	\$5000.00	\$500.00
20,000 miles	\$10,000.00	\$1,000.00

This chart illustrates the potential payback to you for properly maintaining tire pressures. The more important reason for keeping an eye on tire pressures is for safety. An under-inflated tire can generate excessive heat which is a major cause of tire failure or tire blow-outs.