

Do I need a tank?

Simple answer is YES!

More complicated answer is;

A receiver tank serves more functions than just a collection point for your air. Its main purpose is as a trap point for the condensation (water) that any air compressor discharges during its pumping cycle. Standard rule of thumb is the more air a compressor discharges the more condensation it will create. This rule is not just confined to high humidity areas either, even at relative low humidity a compressor will create a large amount of condensation and here's the kicker: **Even with a good micron coalescing filter you will still get moisture through to your gun!**

Therefore it stands to reason that if you don't have a tank between the compressor discharge and your tyre inflating gun, every time you fill your tyres with air straight from the compressor you will also be giving your tyres a good shot of water? Needless to say that over time this is not a good thing causing rust, sealing and beading problems for your wheels and tyres and in extreme cases excessive water in your tyres will cause balancing issues as well.

As well as condensation, belt driven compressor will also discharge a small amount of oil or grease. Like the potential for condensation, you don't want this finding its way into your tyres.

All AOB tanks have provision to fit a drain valve in the bottom of the tank. This will allow you to periodically remove the built up water and contaminants from the tank easily with a quick turn of the valve.

Therefore whilst it is not absolutely essential to have a tank on your system, it would be fool hardy not to.

So, How big a tank do you need? Take a look at our document titled;

"How big should my tank be"

If the answer to your particular situation is not there send us an email and we will do our best to resolve it for you.

Thank you for choosing an AOB product