



[Ashbys Carpet Cleaning Inline Injection Sprayer](#) [\(9:1 Dilution Ratio\) PC11416](#)

Recommended working pressure: 200 psi.

Recommended working temperature: up to 80°C.

Instructions: The chemical draw from the sprayer bottle is affected by the hose pressure. Higher pressures decrease the chemical ratio, while lower pressures increase the chemical to water. The injection ratios may vary depending on the viscosity of the chemical concentrate. The 9:1 water-to-chemical ratio applies to chemicals with a viscosity similar to water. Removing the yellow threaded metering tip will increase your mixing ratio from 9:1 to 4:1.



Please read the dilution instructions for the chemical you are using. Add the chemical at full strength to the sprayer's 5-litre bottle. The chemical will automatically dilute at a ratio of 9 parts water to 1 part chemical. The Metering Block injects chemicals into the high-pressure water flow from your machine, automatically diluting your chemical at a 9:1 ratio. Your Injection Sprayer will apply pre-spray and other chemicals quickly and evenly over a large area.

We recommend: Applying your carpet cleaning pre-treatment hot. Heat aids in breaking down the grease and dirt on the carpet. A hot pre-treatment will maximise the potential of your pre-spray, making the entire carpet cleaning process faster.

Maintenance: At the end of the workday, flush your inline sprayer with a light mixture of 10 ml of [Ashbys Supreme Finish 5 Ltr PC4311](#) diluted with 1 litre of fresh water. Keep one of your empty 5-litre bottles and fill it with the mixture for a quick flush of the Metering Block, Wand, and Spray Tip assembly.

Dilution Ratio: Ashbys Carpet Cleaning Inline Injection Sprayer when operating at 200 psi automatically dilutes at a rate of 1 part chemical to 9 parts water, resulting in a 10% chemical solution. To achieve different output ratios, you'll need to pre-dilute the chemical with water. Here's a simplified guide for each desired ratio:

- **20:1** - Mix 1 part chemical with 1 part water for a 5% solution. The sprayer will then dilute this to a 20:1 output.
- **30:1** - Mix 1 part chemical with 2 parts water for a 3.33% solution. The sprayer will then dilute this to a 30:1 output.
- **40:1** - Mix 1 part chemical with 3 parts water for a 2.5% solution. The sprayer will then dilute this to a 40:1 output.
- **50:1** - Mix 1 part chemical with 4 parts water for a 2% solution. The sprayer will then dilute this to a 50:1 output.
- **60:1** - Mix 1 part chemical with 5 parts water for a 1.67% solution. The sprayer will then dilute this to a 60:1 output.
- **70:1** - Mix 1 part chemical with 6 parts water for a 1.43% solution. The sprayer will then dilute this to a 70:1 output.
- **80:1** - Mix 1 part chemical with 7 parts water for a 1.25% solution. The sprayer will then dilute this to a 80:1 output.
- **90:1** - Mix 1 part chemical with 8 parts water for a 1.11% solution. The sprayer will then dilute this to a 90:1 output.
- **100:1** - Mix 1 part chemical with 9 parts water for a 1% solution. The sprayer will then dilute this to a 100:1 output.