



Data Sheet

AHF214 Home-weld 1.5L Coolant expansion/header tank



Features

High strength, low weight, easily weldable alloy tank, with filler neck and selection of hose stubs, as well as an optional mounting bracket.

Applications

The 1.5L capacity makes it suitable for many internal combustion engine cooling applications, and is suitable for both Petrol and Diesel engines.

General Description

The body of the tank is shared with our popular AHF005, so its 1.5L and 4 inch diameter look familiar. A selection of hose stubs are included to suit many applications, as well as our CNC cut and folded bulkhead bracket. Produced from a mixture of 5251 and 6082 aluminium alloy, the tank is both easy to weld and offers the perfect balance of strength and low weight. The filler neck accepts regular 'car' sized filler caps, which are readily available in various pressure ratings for different applications.

The supplied hose stubs are made from 6082 and the larger sizes feature a MILSpec hose retention bead. The tank and the accessories should be joined with either 4043 or 5356 filler rod.

Once you have added your choice of hose stubs and bracket, you should pressure test the unit before use. This typically involves temporarily closing the new connections and adding a filler cap, and inflating the tank to the working pressure then dunking under water to check for air escaping. No air bubbles should be seen.

Initial pressure test	Tested by	Date	Component check
			1/4 5/16 1/2 5/8 B W

It is recommended that either 4043 or 5356 filler rod is used with our home weld kits. This will ensure the best quality weld and integrity of the join. The use of other grade filler rods is NOT recommended.