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Fire and Emergency New Zealand
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12 July 2023

By email: [REDACTED]

Tēnā koe [REDACTED]

Information Request – Fire Truck Specifications

We refer to your official information request dated 16 June 2023 asking for design specifications for each of our four truck types. On 19 June we clarified with you that you sought the following specifications for the most recent production version of the type 2 and 3 appliances.

Specifications:

'Dimensions l w h, tilt cab, Number of crew seats, main pump output, mid or rear mounting, Water & foam tanks vol, number of hose reels, length of hose, their op pressure and l/min output, Ladder expectations and Locker cubic space.'

In accordance with the provisions of the Official Information Act 1982 (OIA), below is the specifications requested for the most recent production version of type 2 and 3 appliances.

Type 2

Height	3.11m excluding aerials
Width	2.5m
Length	8.23m
Tilt Cab	The cab can be tilted
Crew Seats	6
Pump Output, mid or rear mounting, Operating Pressure, and litres per minute	Rear mount, 1900 litres per minute at 1,050 kPa

Ladder Expectations	AS 10.5 rescue ladder
Locker Cubic Space	6.3 cubic metres
Number of hose reels	Two
Water/ Foam tank volume	2000 litres

Type 3

Height	3.25m excluding aerials
Width	2.5m
Length	8.5m
Tilt Cab	The cab can be tilted
Crew Seats	5
Pump Output, mid or rear mounting, Operating Pressure, and litres per minute	<p>Mid mount, 3840 litres per minute at 1,050 kPa pump pressure from the delivery outlets.</p> <p>Hose Reel pump: 440 litres per minute simultaneously from both hose reels as follows:</p> <ul style="list-style-type: none"> • 220 litres per minute from each hose reel with the specified hose reel nozzle fitted at the end of 92 m of the specified hose reel tubing. • This flow is to be achieved at a pump pressure of no more than 3,500 kpa.
Ladder Expectations	The appliance is designed to carry <u>either</u> the AS 10.5 Trussed extension or AS 464 Triple Extension rescue ladders.
Locker Cubic Space	6.76 cubic metres
Number of hose reels	Two
Water/ Foam tank volume	1430 litres

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

Note also that this response (with your personal details removed) may be published on the Fire and Emergency website.

Nāku noa nā



Julia McCook-Weir
Manager, Information Requests