

# Technical Report

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## Fire Suppression Systems

### VDASF3 Foam

Qtec Fire Services has released a new VDASF3 Foam (Fluorine Free) agent, this foam is fully compliant to AS5062-2016, as well as the Queensland Environmental Management of Firefighting Foam Operational Policy.

This foam can be used in all Qtec Fire Services systems;

- VDAS LOP
- VDAS ROP
- VDAS LOP induction
- VDAS ROP Induction

The use of this foam will mean changes to the fill quantities of the cylinders; - refer to the chart next page for all the correct quantities per cylinder size.

Qtec Fire Services is still operating at a pressure of 1350kPa which means we are now the industries lowest pressure for these systems.

This means less leaks, which means less discharges, which means more PRODUCTION time, and less COSTS.



Part number = S-FR-VDASF3-20

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### VDASF3 Foam

The chart below shows the fill quantities required per cylinder, this product mix ratio is less required than our FireAde 2000 foam, is also less than our competitors foam mix ratios, and a better performing foam product.

Storage; Is in a sealed container from -15°C to 50°C  
Class; A and B fires  
Water; Should be Potable Water  
Usage; 5 years in use, under pressure

Contact Qtec Fire on:  
Ph.: 07 3711 7544  
Email: [geoffs@qtecfire.com.au](mailto:geoffs@qtecfire.com.au)

Cylinder (ROP Size)	Total Volume Capacity (L)	Potable Water Quantity (L)	VDASF3 Quantity (L)	Total Fill (L)	Ullage (L)
19/25 L	25	18.4	.6	19	6
26/35 L	35	25	1	26	9
34/45 TL	45	32.9	1.1	34	11
34/45 L	45	32.9	1.1	34	11
50/65 L	65	48.5	1.5	50	15
66/88 L	88	64	2	66	22
80/106 L	106	77.5	2.5	80	26

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