



Low-expansion Foam Liquid Concentrate Fomtec Enviro
ARK, 3 percent

File Number: EX6015

COMPANY

DAFO FOMTEC AB

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LOW-EXPANSION FOAM LIQUID CONCENTRATE INFO

Fomtec Enviro ARK, 3 percent FRESH WATER USE ONLY AT 3 PERCENT
Alcohol Resistant Synthetic Fluorine Free Foam (AR-SFFF)

FOAM CONCENTRATES FOR USE WITH THE FOLLOWING EQUIPMENT

Minimum Storage and Use Temperature

+35 F (1.7 C)

GENERAL

Hydrocarbon Fuels, percent

3

GENERAL

Polar Solvent Fuels, percent

3

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Manufacturer and Model	Use Concentration, percent	Size, in.	Orifice Diameter/Setting	Inlet Pressure, psig	Length and Diameter of hose	Discharge Device Manufacturer and Model
Viking Corp., Model FE-60	3	1-1/2	0.173 in		82 ft of 1-1/2 In	National Foam, Model JS-6

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Manufacturer and Model	Use Concentration, percent	Size, in.	Orifice Diameter, in.	Inlet Pressure, psig	Back Presssure, psig
Viking Corp., Model FE-60	3	1-1/2	0.173	100	50

NOZZLES

Manufacturer and Model	Size, in.	Inlet Pressure, psig
National Foam, JS-6	1-1/2	50

FIXED FOAM DISCHARGE OUTLETS

Manufacturer and Model	Fuel	Inlet Pressure, psig	Flow Range, gpm	Orifice Diameter, in.	Min Design Application Density, gpm/sq ft
K C ANTINCENDRI SRL, Model KCS, 2.5"	Hydrocarbons	55-60		0.59	0.10
K C ANTINCENDRI SRL, Model KCS, 2.5"	Alcohol	55		0.59	0.21
K C ANTINCENDRI SRL, Model KCS, 2.5"	Methyl Alcohol	50		0.59	0.16
K C ANTINCENDRI SRL, Model KCS, 2.5"	Ethyl Alcohol	50		0.59	0.16
K C ANTINCENDRI SRL, Model KCS, 2.5"	Ketones	55		0.59	0.21

SPRINKLERS

Manufacturer and Model	Fuel	Style	Min Design Application Density, gpm/sq ft	Minimum Inlet Pressure, psig
Viking Corp., SIN VK2021, K-Factor 8.0 (3/4 in)	Hydrocarbons	Pendent	0.22	7.0
Viking Corp., SIN VK2021, K-Factor 8.0 (3/4 in)	Alcohol	Pendent	0.34	16.0
Viking Corp., SIN VK2021, K-Factor 8.0 (3/4 in)	Ketones	Pendent	0.25	9.0
Viking Corp., SIN VK2021, K-Factor 8.0 (3/4 in)	Ethyl Alcohol	Pendent	0.26	9.0
Viking Corp., SIN VK2001, K-Factor 8.0 (3/4 in)	Hydrocarbons	Upright	0.22	7.0
Viking Corp., SIN VK2001, K-Factor 8.0 (3/4 in)	Alcohol	Upright	0.34	16.0
Viking Corp., SIN VK2001, K-Factor 8.0 (3/4 in)	Ketones	Upright	0.22	7.0
Viking Corp., SIN VK2001, K-Factor 8.0 (3/4 in)	Ethyl Alcohol	Upright	0.26	9.0
Viking Corp., SIN VK536, K-Factor 11.2 (3/4 in)	Hydrocarbons	Pendent	0.32	7.0
Viking Corp., SIN VK536, K-Factor 11.2 (3/4 in)	Alcohol	Pendent	0.45	14.0

SPRINKLERS

Manufacturer and Model	Fuel	Style	Min Design Application Density, gpm/sq ft	Minimum Inlet Pressure, psig
Viking Corp., SIN VK536, K-Factor 11.2 (3/4 in)	Ketones	Pendent	0.32	7.0
Viking Corp., SIN VK536, K-Factor 11.2 (3/4 in)	Ethyl Alcohol	Pendent	0.32	7.0
Viking Corp., SIN VK530, K-Factor 11.2 (3/4 in)	Hydrocarbons	Upright	0.32	7.0
Viking Corp., SIN VK530, K-Factor 11.2 (3/4 in)	Alcohol	Upright	0.45	14.0
Viking Corp., SIN VK530, K-Factor 11.2 (3/4 in)	Ketones	Upright	0.32	7.0
Viking Corp., SIN VK530, K-Factor 11.2 (3/4 in)	Ethyl Alcohol	Upright	0.32	7.0

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