

Low-expansion Foam Liquid Concentrate HD AR-SFFF F3

File Number: EX15756

COMPANY

HD FIRE PROTECT PVT LTD

D-6/2, Road No. 34 Wagle Industrial Estate Thane, Maharashtra 400604 India

LOW-EXPANSION FOAM LIQUID CONCENTRATE INFO

HD AR-SFFF F3

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

Manufacturer and Use Concentration. Size. Orifice Inlet Pressure. Le						D'	
Manufacturer and Model	Use Concentration, percent	in.	Diameter/Setting	Inlet Pressure, psig	Diameter of hose	Discharge Device Manufacturer and Model	
Angus Fire Ltd, Model UNI225	3	2-1/2	set at 3 AR	100	50 ft of 2-1/2	Angus Fire Ltd, Model F225U nozzle.	

PROPORTIONERS - FIXED IN-	LINE INDUCTORS				
Manufacturer and Model	Use Concentration, percent	Size, in.	Orifice Diameter, in.	Inlet Pressure, psig	Back Presssure, psig
Angus Fire Ltd, Model IND-40	3	2-1/2	0.173	88	45

ROPORTIONERS-BLADDER TANKS WITH CONTROLLERS				
Manufacturer and Model	Use Concentration, percent	Controller Size, in.	Orifice Diameter, in.	Flow Rate, gpm
HD Fire Protect Pvt Ltd Model RCF-B,-S,-N and RCW-B,-S, -N	3	2-1/2	0.273	157-381
HD Fire Protect Pvt Ltd Model RCF-B,-S,-N and RCW-B,-S, -N	3	3	0.393	238-812

PROPORTIONERS-BLADDER TANKS WITH CONTROLLERS	PORTIONERS-BLADDER TANKS WITH CONTROLLERS					
Manufacturer and Model	Use Concentration, percent	Controller Size, in.	Orifice Diameter, in.	Flow Rate, gpm		
HD Fire Protect Pvt Ltd Model RCF-B,-S,-N and RCW-B,-S, -N	3	4	0.567	417-1561		
HD Fire Protect Pvt Ltd Model RCF-B,-S,-N and RCW-B,-S, -N	3	6	0.777	705-3276		
HD Fire Protect Pvt Ltd Model RCF-B,-S,-N and RCW-B,-S, -N	3	8	1.051	1838-4544		
HD Fire Protect Pvt Ltd Model RCF-BM,-SM,-NM and RCW-BM,-SM,	3	2-1/2	0.179	54-160		

-NM

Manufacturer and Model	Use Concentration, percent	Balanced Pressure Valve Size, in.	Controller Size, in.	Orifice Diameter, in.	Flow Rate
HD Fire Protect Pvt Ltd, Model PB with RCW-B-65 and RCF-B-65, Model PS with RCW-S-65 and RCF-S-65, Model PN with RCW-N-65 and RCF- N-65	3	1 -1/2	2-1/2	0.265	139-396
HD Fire Protect Pvt Ltd, Model PB with RCW-B-80 and RCF-B-80, Model PS with RCW-S-80 and RCF-S-80, Model PN with RCW-N-80 and RCF- N-80	3	1 -1/2	3	0.378	251– 795
HD Fire Protect Pvt Ltd, Model PB with RCW-B-100 and RCF-B-100, Model PS with RCW-S-100 and RCF-S-100, Model PN with RCW-N-100 and RCF-N-100	3	1 -1/2	4	0.525	234-1564
HD Fire Protect Pvt Ltd, Model PB with RCW-B-150 and RCF-B-150, Model PS with RCW-S-150 and RCF-S-150, Model PN with RCW-N-150 and RCF-N-150	3	2	6	0.708	687-3184
HD Fire Protect Pvt Ltd, Model PB with RCW-B-200 and RCF-B-200, Model PS with RCW-S-200 and RCF-S-200, Model PN with RCW-N-200 and RCF-N-200	3	2	8	0.943	1004-4255
HD Fire Protect Pvt Ltd, Model PMB with RCW-BM-65 and RCF-BM-65, Model PMS with RCW-SM-65 and RCF-SM-65, Model PMN with RCW-NM-65 and RCF-NM-65	3	1 -1/2	2-1/2	0.185	50-174

NOZZLES					
Manufacturer and Model	Size, in.	Inlet Pressure, psig			
Angus Fire Ltd, Model F225U	2-1/2	50			

Manufacturer and Model	Fuel	Inlet Pressure, psig	Flow Range, gpm	Orifice Diameter, in.	Min Design Application Density gpm/sq ft
HD Fire Protect Pvt Ltd, Model- FCA 50	Hydrocarbons	45		0.586	0.10
HD Fire Protect Pvt Ltd, Model- FCA 50	Alcohol	45		0.586	0.24
HD Fire Protect Pvt Ltd, Model- FCA 50	Alcohol	45		0.586	0.20
HD Fire Protect Pvt Ltd, Model- FCA 50	Methyl Alcohol	45		0.586	0.10
HD Fire Protect Pvt Ltd, Model- FCA 50	Ethyl Alcohol	45		0.586	0.10
HD Fire Protect Pvt Ltd, Model- FCA 50	Ketones	45		0.586	0.20

Manufacturer and Model	Fuel	Inlet Pressure, psig	Flow Range, gpm	Orifice Diameter, in.	Min Design Application Density, gpm/sq ft
HD Fire Protect Pvt Ltd, Model- FCA 50, FCA-S 50	Alcohol	30-100	15.58 - 88.76	0.398 - 0.689	0.20
HD Fire Protect Pvt Ltd, Model- FCA 65, FCA-S 65	Alcohol	30-100	35.40 - 149.80	0.590 - 0.902	0.20
HD Fire Protect Pvt Ltd, Model- FCA 80, FCA-S 80	Alcohol	30-100	71.06 - 269.18	0.831 - 1.208	0.20
HD Fire Protect Pvt Ltd, Model- FCA 100, FCA-S 100	Alcohol	30-100	137.31 - 661.40	1.181 - 1.882	0.20
HD Fire Protect Pvt Ltd, Model- RPA 65, RPA-S 65	Alcohol	30-100	12.94 - 151.65	0.334 - 0.900	0.20
HD Fire Protect Pvt Ltd, Model- FMF 50, FMF-S 50	Alcohol	30-100	15.58 - 88.76	0.398 - 0.689	0.20
HD Fire Protect Pvt Ltd, Model- FMF 65, FMF-S 65	Alcohol	30-100	35.40 - 149.80	0.590 - 0.902	0.20
HD Fire Protect Pvt Ltd, Model- FMF 80,	Alcohol	30-100	71.06 - 269.18	0.831 - 1.208	0.20

Manufacturer and Model	Fuel	Style	Minimum Pressure, psig
Tyco Fire Products, Model B-1	Alcohol	Pendent	30
Tyco Fire Products, Model B-1	Hydrocarbons	Pendent	30
HD Fire Protect Pvt Ltd, Model H1	Hydrocarbons	Upright	30
HD Fire Protect Pvt Ltd, Model H1	Alcohol	Upright	30
HD Fire Protect Pvt Ltd, Model F1	Hydrocarbons	Pendent	30
HD Fire Protect Pvt Ltd, Model F1	Alcohol	Pendent	30
HD Fire Protect Pvt Ltd, Model H	Hydrocarbons	Pendent	30
HD Fire Protect Pvt Ltd, Model H	Alcohol	Pendent	30

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