



Vimal Fire Controls Pvt. Ltd.

: FIRE PROTECTION & SAFETY ENGINEERS:

A - 1 - 851/1- B, G.I.D.C, Makarpura, Vadodara - 390 010, Gujarat

Phone: + 91 265 2642606, 2652017, Fax: + 91 265 2647246,

e-mail : vfcpbaroda@vimalfire.com

SR. NO.	PARTICULARS	SPECIFICATION
C)	JET RATIO CONTROLLER PUMP :	
1	GENERAL REQUIREMENT :-	
1.1	QUANTITY	2 Nos. / Monitor (1% Foam)
1.2	MANUFACTURER	M/s. Vimal Fire Controls Pvt. Ltd.
1.3	APPROVAL	UL Listed
1.5	MEDIA	Water & Foam
2.	OPERATING CONDITION :-	
2.1	FLUID	Water & Foam
2.2	TEMPERATURE	Ambient
2.3	PRESSURE	7 Kg/cm ²
3.	DESIGN FEATURES :-	
3.1	INDUCTION	As per UL Approval
3.2	WORKING PRESSURE	7 Kg/cm ²
3.3	INLET CONNECTION	2-1/2" Male Coupling
3.4	OUTLET CONNECTION	2-1/2" Female Coupling
4.	COLLECTING HEAD :-	
4.1	INLET CONNECTION	2-1/2" Male Connection (2 Nos.)
4.2	OUTLET CONNECTION	4" Female Coupling
5	MATERIAL OF CONSTRUCTION :-	
5.1	JRCP BODY	SS-304(CF8) / SS 316(CF8M) / SS 316L (CF3M)
5.2	COLLECTING HEAD	SS-304(CF8) / SS 316(CF8M) / SS 316L (CF3M)
5.3	MALE COUPLING	SS-304(CF8) / SS 316(CF8M) / SS 316L (CF3M)
5.4	FEMALE COUPLING	SS-304(CF8) / SS 316(CF8M) / SS 316L (CF3M)

REV	DESCRIPTION	BY	CHK	DATE	SUPPLIER	DOC. NO.	SHT No	
0	FOR APPROVAL	DDU	RM	21.12.16	VIMAL FIRE CONTROLS PVT. LTD.			
					TITLE	DATASHEET OF MONITOR 10500 US GPM RCM		
						VF CPL/10500US GPM/02		5 of 6



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5.5	INDUCTION VALVE	SS-304(CF8) / SS 316(CF8M) / SS 316L (CF3M)	
6	PICK UP TUBE	Size 2" PVC Hose	
7	ACCESSORIES		
7.1	PICK UP TUBE	PVC Tube Reinforced with high tensile steel wire Helix as per ASTM D1785 Sch. 80	
7.2	STRAINER (REMOVABLE TYPE)	SS-304(CF8) / SS 316(CF8M) / SS 316L (CF3M)	
8	HOSE WITH SS-304 COUPLING TO BE CONNECTED BETWEEN MONITOR & FOAM INDUCTOR	4" - 30 mtrs (1 No.)	Between Collecting Head & Monitor
		2-1/2" - 30 mtrs (4 Nos.)	Between Foam Inductor (JRCP) and Collecting Head
		2-1/2" - 15 mtrs. (2 Nos.)	
9	PAINTING	Fire Red Paint as per IS:5, Shade No. 536	
10	GA DRAWING of JRCP FOR 10500 US GPM HVLRM	Ref. Drawing No. : VFCPL/JRCP/10500US GPM	
D)	GEAR ASSEMBLY :-		
1	QUANTITY	3 Nos./Monitor	
2	MANUFACTURER	M/s. Vimal Fire Controls Pvt. Ltd.	
3	MODEL Nos.		
3.1	VFCPL/10500/FT	For Nozzle Jet / Fog Movement	
3.2	VFCPL/10500/FL	For Horizontal & Vertical Movement	
4	TYPE	Reduction Gear Box	
5	REDUCTION RATIO	714.4:1 / 51.8:1 (Approx.)	
6	INPUT	71FS / 80FS	
7	MOUNTING	Foot / Flange	

Note: 1) Input is suitable to Frame size of Flame Proof Motor, as Gear Assembly is mounted with Flame proof Motor.

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