



Monitor Branch Pipe

TECHNICAL DATA :

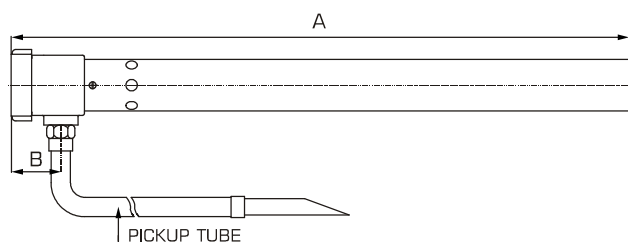
MODEL	BP 20, BP 30 & BP 40
MAXIMUM SERVICE PRESSURE	175 PSI (12 BAR)
MINIMUM WORKING PRESSURE	5.0 Kg/sq.cm. (71.4 PSI)
END CONNECTION	BSP Female swivel joint
MATERIAL	Aluminium or Bronze/Brass
FLOW	BP20 - 400 - 600 GPM (1500-2270 LPM) BP30 - 500-800 GPM (1900-3030 LPM) BP40 - 800-1000 GPM (3030-3800 LPM)
FINISH	Yellow epoxy painted
WEIGHT	BP20 - 5.0 Kg BP30 - 6.0 Kg BP40 - 10.6 Kg
PICK UP TUBE	1 1/4" clear PVC tube with brass/SS dip tube - 3.0 meters long with 1 1/4" BSP swivel joint or camlock coupling optional.



Fixed gallonage aspirating and self inducing foam branch pipe designed for heavy duty use on fixed monitors. The air aspiration provides foam with an increased expansion and longer drainage time as compared to non-aspirating nozzle. Excellent foam production with protein, fluoroprotein or AFFF foam concentrate. The proportioning is 3% as standard. The Monitor branch pipes are made out of lightweight aluminium. The branch pipe is supplied with pick-up tube of PVC with brass/stainless steel strainer.

CAUTION

The branch pipe must be fixed to the moitor carefully, mismatched or damaged threads may cause leakage or uncouple the nozzle during operation.



DIMENSIONS:

MODEL	A	B
BP 40	1310	105
BP 30	1100	80
BP 20	970	80

Monitor Branch Pipe Performance Data

MODEL	SET FLOW RATE LPM (GPM)	FLOAM CONCENTRATION INDUCTION RATE	NOZZLE PRESSURE KG/SQ CM (PSI)	ACTUAL FLOW RATE LPM (GPM)	STRAIGHT FOAM STREAM RANGE METERS (FT)
BP 20	1700 (450)	3 or 6%	5.6 (80)	1520 (400)	44 (144)
			7.0 (100)	1700 (450)	50 (164)
			8.4 (120)	1862 (492)	52 (170)
	1900 (500)	3 or 6%	5.6 (80)	1700 (450)	45 (147)
			7.0 (100)	1900 (500)	52 (170)
			8.4 (120)	2080 (250)	54 (177)
	2000 (530)	3 or 6%	5.6 (80)	1790 (472)	46 (151)
			7.0 (100)	2000 (530)	53 (174)
			8.4 (120)	2190 (578)	55 (180)
BP 30	2000 (530)	3 or 6%	5.6 (80)	1790 (472)	46 (151)
			7.0 (100)	2000 (530)	53 (174)
			8.4 (120)	2190 (578)	55 (180)
	2650 (700)	3 or 6%	5.6 (80)	2370 (626)	47 (154)
			7.0 (100)	2650 (700)	54 (177)
			8.4 (120)	2900 (767)	56 (183)
	2850 (750)	3 or 6%	5.6 (80)	2550 (673)	49 (160)
			7.0 (100)	2850 (950)	55 (180)
			8.4 (120)	3120 (825)	57 (187)
BP 40	3030 (800)	3 or 6%	5.6 (80)	2710 (716)	50 (164)
			7.0 (100)	3030 (800)	55 (180)
			8.4 (120)	3320 (877)	57 (187)
	3500 (925)	3 or 6%	5.6 (80)	3130 (827)	52 (170)
			7.0 (100)	3500 (925)	57 (186)
			8.4 (120)	3830 (1012)	59 (193)
	3800 (1000)	3 or 6%	5.6 (80)	3400 (900)	52 (170)
			7.0 (100)	3800 (1000)	59 (193)
			8.4 (120)	4160 (1100)	61 (200)

PERFORMANCE DATA FOR FOAM STREAM RANGE ARE BASED AT 30 DEG. NOZZLE ELEVATION IN STILL AIR CONDITION AND WITH FIREGUARD MONITOR. FOR WATER THE REACH WILL INCREASE BY APPROXIMATELY 5-10%.