

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

Raptor 18-44 🌿 Diam PE Hose – 125 🌿 Mt Length PE Hose – 350

MOD.	BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE														
								lt/sec	lt/min	mc/h		HA	10		20		30		40		50		75		100	
		mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR					
26	Verde	Green	Vert	Grün	Verde	1	3.82	229	13.74	0.77	62.5	1.2	31.2	1.4	20.8	1.6	15.6	1.7	12.5	1.9	8.3	2.3	6.2	2.7		
						2	5.38	323	19.38		88.1	2.3	44.0	2.5	29.4	2.7	22.0	2.8	17.6	3.0	11.7	3.4	8.8	3.8		
						3	6.40	384.2	23.05		104.8	3.4	52.4	3.5	34.9	3.7	26.2	3.9	21.0	4.0	14.0	4.5	10.5	4.9		
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.42	265		15.90	0.77	72.3	1.3	36.1	1.4	24.1	1.6	18.1	1.8	14.5	1.9	9.6	2.4	7.2	2.8
							2	6.10	366.2		21.97		99.9	2.4	49.9	2.5	33.3	2.7	25.0	2.9	20.0	3.0	13.3	3.4	10.0	3.9
							3	7.48	449		26.94		122.5	3.4	61.2	3.6	40.8	3.8	30.6	3.9	24.5	4.1	16.3	4.5	12.2	4.9
	Rosso	Red	Rouge	Rot	Rojo	1	5.14	308.2	18.49	0.77	84.1	1.3	42.0	1.5	28.0	1.6	21.0	1.8	16.8	2.0	11.2	2.4	8.4	2.8		
						2	7.06	423.8	25.43		115.6	2.4	57.8	2.6	38.5	2.8	28.9	2.9	23.1	3.1	15.4	3.5	11.6	3.9		
						3	8.56	513.8	30.83		140.1	3.5	70.1	3.7	46.7	3.9	35.0	4.0	28.0	4.2	18.7	4.6	14.0	5.0		
	Nero	Black	Noir	Schwarz	Negro	1	6.82	409	24.54	0.77	111.5	1.4	55.8	1.6	37.2	1.7	27.9	1.9	22.3	2.1	14.9	2.5	11.2	2.9		
						2	9.58	575	34.50		156.8	2.6	78.4	2.8	52.3	2.9	39.2	3.1	31.4	3.3	20.9	3.7	15.7	4.1		
						3	11.38	683	40.98		186.3	3.8	93.1	3.9	62.1	4.1	46.6	4.3	37.3	4.4	24.8	4.9	18.6	5.3		
35	Verde	Green	Vert	Grün	Verde	1	5.02	301	18.06	1.09	58.3	1.3	29.1	1.5	19.4	1.6	14.6	1.8	11.7	2.0	7.8	2.4	5.8	2.8		
						2	7.12	427	25.62		82.6	2.4	41.3	2.6	27.5	2.8	20.7	2.9	16.5	3.1	11.0	3.5	8.3	3.9		
						3	8.46	507.4	30.44		98.2	3.5	49.1	3.7	32.7	3.9	24.6	4.0	19.6	4.2	13.1	4.6	9.8	5.0		
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.88	353		21.18	1.09	68.3	1.3	34.2	1.5	22.8	1.7	17.1	1.8	13.7	2.0	9.1	2.4	6.8	2.8
							2	8.16	489.4		29.36		94.7	2.5	47.4	2.7	31.6	2.8	23.7	3.0	18.9	3.2	12.6	3.6	9.5	4.0
							3	10.02	601		36.06		116.3	3.7	58.2	3.8	38.8	4.0	29.1	4.2	23.3	4.3	15.5	4.7	11.6	5.2
	Rosso	Red	Rouge	Rot	Rojo	1	6.92	415.4	24.92	1.09	80.4	1.4	40.2	1.6	26.8	1.7	20.1	1.9	16.1	2.1	10.7	2.5	8.0	2.9		
						2	9.54	572.6	34.36		110.8	2.6	55.4	2.8	36.9	2.9	27.7	3.1	22.2	3.3	14.8	3.7	11.1	4.1		
						3	11.58	694.6	41.68		134.4	3.8	67.2	4.0	44.8	4.1	33.6	4.3	26.9	4.5	17.9	4.9	13.4	5.3		
	Nero	Black	Noir	Schwarz	Negro	1	9.35	561	33.66	1.09	108.6	1.6	54.3	1.8	36.2	1.9	27.1	2.1	21.7	2.3	14.5	2.7	10.9	3.1		
						2	13.18	791	47.46		153.1	3.0	76.5	3.1	51.0	3.3	38.3	3.5	30.6	3.6	20.4	4.1	15.3	4.5		
						3	15.65	939	56.34		181.7	4.3	90.9	4.4	60.6	4.6	45.4	4.8	36.3	4.9	24.2	5.4	18.2	5.8		

MOD.	BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE													
								lt/sec	lt/min	mc/h		HA	10		20		30		40		50		75		100
		mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR						
43	Verde	Green	Vert	Grün	Verde	1	6.22	373	22.38	1.37	57.4	1.4	28.7	1.5	19.1	1.7	14.3	1.9	11.5	2.0	7.7	2.5	5.7	2.9	
						2	8.85	531	31.86		81.7	2.6	40.8	2.7	27.2	2.9	20.4	3.1	16.3	3.2	10.9	3.6	8.2	4.1	
						3	10.51	630.6	37.84		97.0	3.7	48.5	3.9	32.3	4.0	24.3	4.2	19.4	4.4	12.9	4.8	9.7	5.2	
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.35	441	26.46	1.37	67.8	1.4	33.9	1.6	22.6	1.8	17.0	1.9	13.6	2.1	9.0	2.5	6.8	2.9
							2	10.21	612.6	36.76		94.2	2.7	47.1	2.8	31.4	3.0	23.6	3.2	18.8	3.3	12.6	3.8	9.4	4.2
							3	12.55	753	45.18		115.8	3.9	57.9	4.1	38.6	4.2	29.0	4.4	23.2	4.6	15.4	5.0	11.6	5.4
		Rosso	Red	Rouge	Rot	Rojo	1	8.71	522.6	31.36	1.37	80.4	1.5	40.2	1.7	26.8	1.9	20.1	2.0	16.1	2.2	10.7	2.6	8.0	3.0
							2	12.02	721.4	43.28		111.0	2.8	55.5	3.0	37.0	3.2	27.7	3.3	22.2	3.5	14.8	3.9	11.1	4.3
							3	14.59	875.4	52.52		134.7	4.1	67.3	4.3	44.9	4.5	33.7	4.6	26.9	4.8	18.0	5.2	13.5	5.6
	Nero	Black	Noir	Schwarz	Negro	1	11.88	713	42.78	1.37	109.7	1.8	54.8	2.0	36.6	2.2	27.4	2.3	21.9	2.5	14.6	2.9	11.0	3.3	
						2	16.78	1007	60.42		154.9	3.4	77.5	3.6	51.6	3.8	38.7	3.9	31.0	4.1	20.7	4.5	15.5	4.9	
						3	19.92	1195	71.70		183.8	4.9	91.9	5.1	61.3	5.2	46.0	5.4	36.8	5.6	24.5	6.0	18.4	6.4	
	44	Verde	Green	Vert	Grün	Verde	1	7.42	445	26.70	1.68	55.6	1.4	27.8	1.6	18.5	1.8	13.9	1.9	11.1	2.1	7.4	2.5	5.6	2.9
							2	10.58	635	38.10		79.4	2.7	39.7	2.9	26.5	3.0	19.8	3.2	15.9	3.4	10.6	3.8	7.9	4.2
							3	12.56	753.8	45.23		94.2	3.9	47.1	4.1	31.4	4.2	23.6	4.4	18.8	4.6	12.6	5.0	9.4	5.4
Giallo			Yellow	Jaune	Gelb	Amarillo	1	8.82	529	31.74	1.68	66.1	1.5	33.1	1.7	22.0	1.9	16.5	2.0	13.2	2.2	8.8	2.6	6.6	3.0
							2	12.26	735.8	44.15		92.0	2.9	46.0	3.0	30.7	3.2	23.0	3.4	18.4	3.5	12.3	4.0	9.2	4.4
							3	15.08	905	54.30		113.1	4.2	56.6	4.4	37.7	4.5	28.3	4.7	22.6	4.9	15.1	5.3	11.3	5.7
Rosso			Red	Rouge	Rot	Rojo	1	10.50	629.8	37.79	1.68	78.7	1.7	39.4	1.9	26.2	2.0	19.7	2.2	15.7	2.4	10.5	2.8	7.9	3.2
							2	14.50	870.2	52.21		108.8	3.1	54.4	3.3	36.3	3.5	27.2	3.6	21.8	3.8	14.5	4.2	10.9	4.6
							3	17.60	1056.2	63.37		132.0	4.5	66.0	4.7	44.0	4.9	33.0	5.0	26.4	5.2	17.6	5.6	13.2	6.0
Nero		Black	Noir	Schwarz	Negro	1	14.42	865	51.90	1.68	108.1	2.1	54.1	2.3	36.0	2.5	27.0	2.6	21.6	2.8	14.4	3.2	10.8	3.6	
						2	20.38	1223	73.38		152.9	4.0	76.4	4.1	51.0	4.3	38.2	4.5	30.6	4.6	20.4	5.1	15.3	5.5	
						3	24.18	1451	87.06		181.4	5.6	90.7	5.8	60.5	6.0	45.3	6.1	36.3	6.3	24.2	6.7	18.1	7.1	