

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

Raptor 18-44 🌿 Diam PE Hose – 125 🌿 Mt Length PE Hose – 300

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	18	Verde	Green	Vert	Grün	Verde	1	3.82	229	13.74	0.66	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	2.6	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	3.3	52.4	3.5	34.9	3.7	26.2	3.8	21.0	4.0	14.0	4.4	10.5	4.8
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.42	265	15.90	0.66	72.3	1.3	36.1	1.4	24.1	1.6	18.1	1.8	14.5	1.9	9.6	2.3	7.2	2.8
							2	6.10	366.2	21.97		99.9	2.3	49.9	2.5	33.3	2.7	25.0	2.8	20.0	3.0	13.3	3.4	10.0	3.8
							3	7.48	449	26.94		122.5	3.4	61.2	3.6	40.8	3.7	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	0.66	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	2.7	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	3.6	46.7	3.8	35.0	4.0	28.0	4.1	18.7	4.6	14.0	5.0	
	Nero	Black	Noir	Schwarz	Negro	1	6.82	409	24.54	0.66	111.5	1.4	55.8	1.5	37.2	1.7	27.9	1.9	22.3	2.0	14.9	2.5	11.2	2.9	
						2	9.58	575	34.50		156.8	2.5	78.4	2.7	52.3	2.9	39.2	3.0	31.4	3.2	20.9	3.6	15.7	4.0	
						3	11.38	683	40.98		186.3	3.7	93.1	3.9	62.1	4.0	46.6	4.2	37.3	4.4	24.8	4.8	18.6	5.2	
35	27	Verde	Green	Vert	Grün	Verde	1	5.02	301	18.06	0.93	58.3	1.3	29.1	1.4	19.4	1.6	14.6	1.8	11.7	1.9	7.8	2.4	5.8	2.8
							2	7.12	427	25.62		82.6	2.4	41.3	2.6	27.5	2.7	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	3.6	32.7	3.8	24.6	4.0	19.6	4.1	13.1	4.6	9.8	5.0
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.88	353	21.18	0.93	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	2.6	31.6	2.8	23.7	3.0	18.9	3.1	12.6	3.5	9.5	4.0
							3	10.02	601	36.06		116.3	3.6	58.2	3.7	38.8	3.9	29.1	4.1	23.3	4.2	15.5	4.7	11.6	5.1
	Rosso	Red	Rouge	Rot	Rojo	1	6.92	415.4	24.92	0.93	80.4	1.4	40.2	1.5	26.8	1.7	20.1	1.9	16.1	2.0	10.7	2.5	8.0	2.9	
						2	9.54	572.6	34.36		110.8	2.5	55.4	2.7	36.9	2.9	27.7	3.0	22.2	3.2	14.8	3.6	11.1	4.0	
						3	11.58	694.6	41.68		134.4	3.7	67.2	3.9	44.8	4.0	33.6	4.2	26.9	4.4	17.9	4.8	13.4	5.2	
	Nero	Black	Noir	Schwarz	Negro	1	9.35	561	33.66	0.93	108.6	1.5	54.3	1.7	36.2	1.9	27.1	2.0	21.7	2.2	14.5	2.6	10.9	3.0	
						2	13.18	791	47.46		153.1	2.9	76.5	3.0	51.0	3.2	38.3	3.4	30.6	3.5	20.4	3.9	15.3	4.4	
						3	15.65	939	56.34		181.7	4.1	90.9	4.3	60.6	4.5	45.4	4.6	36.3	4.8	24.2	5.2	18.2	5.6	

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				
35 \ 43	Verde	Green	Vert	Grün	Verde	1	6.22	373	22.38	1.17	57.4	1.3	28.7	1.5	19.1	1.7	14.3	1.8	11.5	2.0	7.7	2.4	5.7	2.8	
						2	8.85	531	31.86		81.7	2.5	40.8	2.7	27.2	2.8	20.4	3.0	16.3	3.2	10.9	3.6	8.2	4.0	
						3	10.51	630.6	37.84		97.0	3.6	48.5	3.8	32.3	4.0	24.3	4.1	19.4	4.3	12.9	4.7	9.7	5.1	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.35	441	26.46	1.17	67.8	1.4	33.9	1.6	22.6	1.7	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	2.6	47.1	2.8	31.4	2.9	23.6	3.1	18.8	3.3	12.6	3.7	9.4	4.1	
						3	12.55	753	45.18		115.8	3.8	57.9	4.0	38.6	4.1	29.0	4.3	23.2	4.5	15.4	4.9	11.6	5.3	
	Rosso	Red	Rouge	Rot	Rojo	1	8.71	522.6	31.36	1.17	80.4	1.5	40.2	1.7	26.8	1.8	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	2.7	55.5	2.9	37.0	3.1	27.7	3.2	22.2	3.4	14.8	3.8	11.1	4.2	
						3	14.59	875.4	52.52		134.7	4.0	67.3	4.2	44.9	4.3	33.7	4.5	26.9	4.7	18.0	5.1	13.5	5.5	
	Nero	Black	Noir	Schwarz	Negro	1	11.88	713	42.78	1.17	109.7	1.7	54.8	1.9	36.6	2.1	27.4	2.2	21.9	2.4	14.6	2.8	11.0	3.2	
						2	16.78	1007	60.42		154.9	3.2	77.5	3.4	51.6	3.6	38.7	3.7	31.0	3.9	20.7	4.3	15.5	4.7	
						3	19.92	1195	71.70		183.8	4.7	91.9	4.8	61.3	5.0	46.0	5.2	36.8	5.3	24.5	5.7	18.4	6.2	
	44 \ 52	Verde	Green	Vert	Grün	Verde	1	7.42	445	26.70	1.44	55.6	1.4	27.8	1.6	18.5	1.7	13.9	1.9	11.1	2.1	7.4	2.5	5.6	2.9
							2	10.58	635	38.10		79.4	2.6	39.7	2.8	26.5	3.0	19.8	3.1	15.9	3.3	10.6	3.7	7.9	4.1
							3	12.56	753.8	45.23		94.2	3.8	47.1	4.0	31.4	4.1	23.6	4.3	18.8	4.5	12.6	4.9	9.4	5.3
Giallo		Yellow	Jaune	Gelb	Amarillo	1	8.82	529	31.74	1.44	66.1	1.5	33.1	1.7	22.0	1.8	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	2.8	46.0	2.9	30.7	3.1	23.0	3.3	18.4	3.4	12.3	3.9	9.2	4.3	
						3	15.08	905	54.30		113.1	4.1	56.6	4.2	37.7	4.4	28.3	4.6	22.6	4.7	15.1	5.1	11.3	5.6	
Rosso		Red	Rouge	Rot	Rojo	1	10.50	629.8	37.79	1.44	78.7	1.6	39.4	1.8	26.2	2.0	19.7	2.1	15.7	2.3	10.5	2.7	7.9	3.1	
						2	14.50	870.2	52.21		108.8	3.0	54.4	3.2	36.3	3.3	27.2	3.5	21.8	3.7	14.5	4.1	10.9	4.5	
						3	17.60	1056.2	63.37		132.0	4.3	66.0	4.5	44.0	4.7	33.0	4.8	26.4	5.0	17.6	5.4	13.2	5.8	
Nero		Black	Noir	Schwarz	Negro	1	14.42	865	51.90	1.44	108.1	2.0	54.1	2.1	36.0	2.3	27.0	2.5	21.6	2.6	14.4	3.1	10.8	3.5	
						2	20.38	1223	73.38		152.9	3.7	76.4	3.9	51.0	4.1	38.2	4.2	30.6	4.4	20.4	4.8	15.3	5.2	
						3	24.18	1451	87.06		181.4	5.3	90.7	5.5	60.5	5.6	45.3	5.8	36.3	6.0	24.2	6.4	18.1	6.8	