

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

Raptor 18-44 🌿 Diam PE Hose – 110 🌿 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	
		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	1.3	31.2	1.5	20.8	1.7	15.6	1.8	12.5	2.0	8.3	2.4	6.2	2.8
						2	5.38	323	19.38		88.1	2.5	44.0	2.6	29.4	2.8	22.0	3.0	17.6	3.1	11.7	3.5	8.8	4.0
						3	6.40	384.2	23.05		104.8	3.6	52.4	3.7	34.9	3.9	26.2	4.1	21.0	4.2	14.0	4.6	10.5	5.1
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.42	265	15.90	0.77	72.3	1.4	36.1	1.5	24.1	1.7	18.1	1.9	14.5	2.0	9.6	2.4	7.2	2.9
						2	6.10	366.2	21.97		99.9	2.5	49.9	2.7	33.3	2.9	25.0	3.0	20.0	3.2	13.3	3.6	10.0	4.0
						3	7.48	449	26.94		122.5	3.7	61.2	3.9	40.8	4.0	30.6	4.2	24.5	4.4	16.3	4.8	12.2	5.2
	Rosso	Red	Rouge	Rot	Rojo	1	5.14	308.2	18.49	0.77	84.1	1.4	42.0	1.6	28.0	1.8	21.0	1.9	16.8	2.1	11.2	2.5	8.4	2.9
						2	7.06	423.8	25.43		115.6	2.6	57.8	2.8	38.5	3.0	28.9	3.1	23.1	3.3	15.4	3.7	11.6	4.1
						3	8.56	513.8	30.83		140.1	3.8	70.1	4.0	46.7	4.2	35.0	4.3	28.0	4.5	18.7	4.9	14.0	5.3
Nero	Black	Noir	Schwarz	Negro	1	6.82	409	24.54	0.77	111.5	1.6	55.8	1.8	37.2	1.9	27.9	2.1	22.3	2.3	14.9	2.7	11.2	3.1	
					2	9.58	575	34.50		156.8	3.0	78.4	3.2	52.3	3.3	39.2	3.5	31.4	3.7	20.9	4.1	15.7	4.5	
					3	11.38	683	40.98		186.3	4.3	93.1	4.5	62.1	4.6	46.6	4.8	37.3	5.0	24.8	5.4	18.6	5.8	
35	Verde	Green	Vert	Grün	Verde	1	5.02	301	18.06	1.09	58.3	1.4	29.1	1.6	19.4	1.8	14.6	1.9	11.7	2.1	7.8	2.5	5.8	2.9
						2	7.12	427	25.62		82.6	2.6	41.3	2.8	27.5	3.0	20.7	3.1	16.5	3.3	11.0	3.7	8.3	4.1
						3	8.46	507.4	30.44		98.2	3.8	49.1	4.0	32.7	4.2	24.6	4.3	19.6	4.5	13.1	4.9	9.8	5.3
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.88	353	21.18	1.09	68.3	1.5	34.2	1.7	22.8	1.8	17.1	2.0	13.7	2.2	9.1	2.6	6.8	3.0
						2	8.16	489.4	29.36		94.7	2.8	47.4	3.0	31.6	3.1	23.7	3.3	18.9	3.5	12.6	3.9	9.5	4.3
						3	10.02	601	36.06		116.3	4.1	58.2	4.2	38.8	4.4	29.1	4.6	23.3	4.7	15.5	5.2	11.6	5.6
	Rosso	Red	Rouge	Rot	Rojo	1	6.92	415.4	24.92	1.09	80.4	1.6	40.2	1.8	26.8	2.0	20.1	2.1	16.1	2.3	10.7	2.7	8.0	3.1
						2	9.54	572.6	34.36		110.8	3.0	55.4	3.2	36.9	3.3	27.7	3.5	22.2	3.7	14.8	4.1	11.1	4.5
						3	11.58	694.6	41.68		134.4	4.3	67.2	4.5	44.8	4.7	33.6	4.8	26.9	5.0	17.9	5.4	13.4	5.8
	Nero	Black	Noir	Schwarz	Negro	1	9.35	561	33.66	1.09	108.6	2.0	54.3	2.1	36.2	2.3	27.1	2.5	21.7	2.6	14.5	3.0	10.9	3.5
						2	13.18	791	47.46		153.1	3.7	76.5	3.8	51.0	4.0	38.3	4.2	30.6	4.3	20.4	4.8	15.3	5.2
						3	15.65	939	56.34		181.7	5.2	90.9	5.4	60.6	5.6	45.4	5.7	36.3	5.9	24.2	6.3	18.2	6.7

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	1.37	57.4	1.5	28.7	1.7	19.1	1.9	14.3	2.0	11.5	2.2	7.7	2.6	5.7	3.0	
						2	8.85	531	31.86		81.7	2.9	40.8	3.1	27.2	3.2	20.4	3.4	16.3	3.6	10.9	4.0	8.2	4.4	
						3	10.51	630.6	37.84		97.0	4.2	48.5	4.3	32.3	4.5	24.3	4.7	19.4	4.8	12.9	5.2	9.7	5.7	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.35	441	26.46	1.37	67.8	1.7	33.9	1.8	22.6	2.0	17.0	2.2	13.6	2.3	9.0	2.8	6.8	3.2	
						2	10.21	612.6	36.76		94.2	3.1	47.1	3.3	31.4	3.4	23.6	3.6	18.8	3.8	12.6	4.2	9.4	4.6	
						3	12.55	753	45.18		115.8	4.5	57.9	4.7	38.6	4.9	29.0	5.0	23.2	5.2	15.4	5.6	11.6	6.0	
	Rosso	Red	Rouge	Rot	Rojo	1	8.71	522.6	31.36	1.37	80.4	1.9	40.2	2.0	26.8	2.2	20.1	2.4	16.1	2.5	10.7	2.9	8.0	3.4	
						2	12.02	721.4	43.28		111.0	3.4	55.5	3.6	37.0	3.8	27.7	3.9	22.2	4.1	14.8	4.5	11.1	4.9	
						3	14.59	875.4	52.52		134.7	5.0	67.3	5.1	44.9	5.3	33.7	5.5	26.9	5.6	18.0	6.1	13.5	6.5	
	Nero	Black	Noir	Schwarz	Negro	1	11.88	713	42.78	1.37	109.7	2.4	54.8	2.6	36.6	2.7	27.4	2.9	21.9	3.1	14.6	3.5	11.0	3.9	
						2	16.78	1007	60.42		154.9	4.5	77.5	4.7	51.6	4.9	38.7	5.0	31.0	5.2	20.7	5.6	15.5	6.0	
						3	19.92	1195	71.70		183.8	6.4	91.9	6.6	61.3	6.7	46.0	6.9	36.8	7.1	24.5	7.5	18.4	7.9	
	44 \ 52	Verde	Green	Vert	Grün	Verde	1	7.42	445	26.70	1.68	55.6	1.7	27.8	1.9	18.5	2.0	13.9	2.2	11.1	2.4	7.4	2.8	5.6	3.2
							2	10.58	635	38.10		79.4	3.2	39.7	3.3	26.5	3.5	19.8	3.7	15.9	3.8	10.6	4.3	7.9	4.7
							3	12.56	753.8	45.23		94.2	4.5	47.1	4.7	31.4	4.9	23.6	5.0	18.8	5.2	12.6	5.6	9.4	6.0
Giallo		Yellow	Jaune	Gelb	Amarillo	1	8.82	529	31.74	1.68	66.1	1.9	33.1	2.0	22.0	2.2	16.5	2.4	13.2	2.5	8.8	3.0	6.6	3.4	
						2	12.26	735.8	44.15		92.0	3.5	46.0	3.6	30.7	3.8	23.0	4.0	18.4	4.1	12.3	4.6	9.2	5.0	
						3	15.08	905	54.30		113.1	5.1	56.6	5.3	37.7	5.4	28.3	5.6	22.6	5.8	15.1	6.2	11.3	6.6	
Rosso		Red	Rouge	Rot	Rojo	1	10.50	629.8	37.79	1.68	78.7	2.2	39.4	2.3	26.2	2.5	19.7	2.7	15.7	2.8	10.5	3.2	7.9	3.7	
						2	14.50	870.2	52.21		108.8	4.0	54.4	4.1	36.3	4.3	27.2	4.5	21.8	4.6	14.5	5.0	10.9	5.5	
						3	17.60	1056.2	63.37		132.0	5.7	66.0	5.9	44.0	6.1	33.0	6.2	26.4	6.4	17.6	6.8	13.2	7.2	
Nero		Black	Noir	Schwarz	Negro	1	14.42	865	51.90	1.68	108.1	2.9	54.1	3.1	36.0	3.3	27.0	3.4	21.6	3.6	14.4	4.0	10.8	4.4	
						2	20.38	1223	73.38		152.9	5.5	76.4	5.7	51.0	5.9	38.2	6.0	30.6	6.2	20.4	6.6	15.3	7.0	
						3	24.18	1451	87.06		181.4	7.8	90.7	8.0	60.5	8.1	45.3	8.3	36.3	8.5	24.2	8.9	18.1	9.3	