

AGRAS Self Compensating Dripper 2, 4 & 8 lt/h

- Agras dripper is an ideal solution for the irrigation of: vineyards, greenhouses and pot plants.
- It is ideal for fields with sloped surfaces, for large run lengths or wherever it is necessary to have complete control over water consumption and uniformity of flow rate throughout the length of the pipe.
- With built in check valve, that opens at 0,5 bar and closes at 0,3 bar.
- Available in 2lt/h (purple), 4lt/h (grey) & 8lt/h (blue) (0.009, 0.018, 0.035 gpm).
- Self compensating from 1.0Bar (14.5psi) up to 4.0Bar (58.0psi).
- Choice of different applications depending on requirements. Specifically, it can be connected to the end of PVC hose 6mm supported with dripper spike 3-7mm. Also the outlet can either be connected with spaghetti dripper hose 3.2mm and to dripper spike 3mm green or to dripper spike 3-7mm. We can achieve 2 or 4 outlets connected with distribution manifold with PVC 5mm hose and supported with dripper spikes.
- Can be mounted on LDPE pipe with external diameter 16-32mm. For its installation the Palaplast 3mm (green) punch can be used.
- Minimum filtration required:
AGRAS 2lt/h 150mesh (100micron)
AGRAS 4lt/h, 8lt/h 120mesh (125micron)

Maximum Allowable Irrigation Run Lengths with AGRAS Drippers Μέγιστα Επιτρεπόμενα μήκη άρδευσης με σταλάκτες ΑΓΡΑΣ

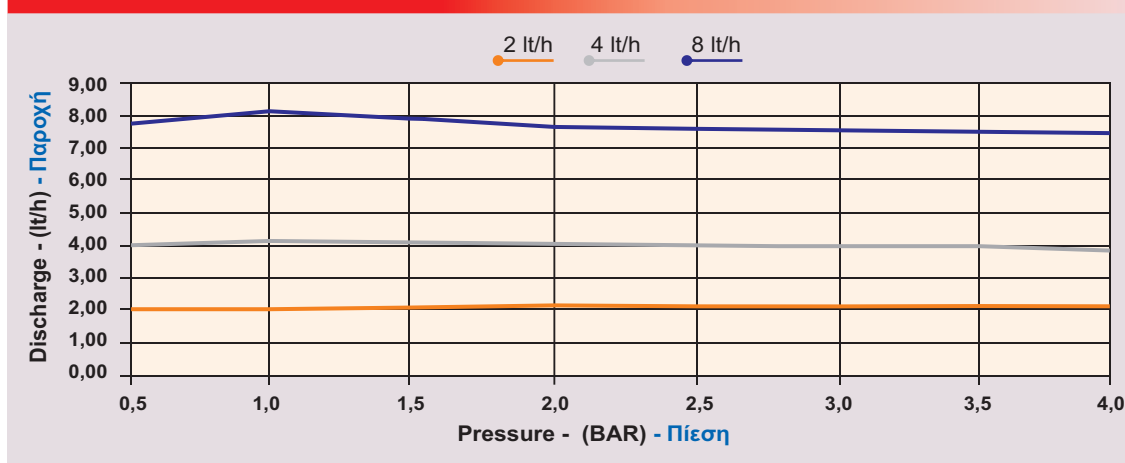
Inlet pressure - 4.0 Atm **Πίεση εισόδου - 4.0 Atm**
Slope - 0% **Κλίση - 0%**

Ø	Discharge Παροχή (lt/h)	Dripper Distance - Ισαποχή Σταλακτών							
		(m)		(ft)		(m)		(ft)	
		0,30	0,98	0,50	1,64	0,75	2,46	1,00	3,28
12	2 lt/h	95	312	131	430	169	554	205	673
	4 lt/h	59	195	82	270	106	349	128	419
	8 lt/h	39	128	54	177	70	230	84	276
16	2 lt/h	175	574	243	797	313	1027	377	1237
	4 lt/h	110	359	152	498	196	645	236	774
	8 lt/h	72	236	100	328	130	427	156	512
20	2 lt/h	262	860	364	1194	471	1545	566	1857
	4 lt/h	164	537	227	744	294	964	353	1158
	8 lt/h	108	354	150	492	194	636	234	768
25	2 lt/h	378	1240	525	1722	680	2231	817	2680
	4 lt/h	244	801	338	1109	435	1436	526	1725
	8 lt/h	156	512	216	709	281	922	337	1106
32	2 lt/h	602	1975	834	2736	1080	3543	1298	4258
	4 lt/h	376	1233	520	1708	674	2212	810	2657
	8 lt/h	249	817	345	1132	446	1463	536	1759



	Nominal flowrate Όνομαστική Παροχή	Flowrate Παροχή
Purple - Μωβ	2 lt/h	2,0 lt/h
Grey - Γκρι	4 lt/h	4,2 lt/h
Blue - Μπλε	8 lt/h	8,1 lt/h

AGRAS - ΑΓΡΑΣ



...Irrigates worldwide

...Ποτίζει σε όλο τον κόσμο

Irrigation Systems Industry

Ind. Area Thessaloniki - P.O. BOX 45
GR- 57022 Sindos HELLAS

Tel: +30 231 0712512 Fax: +30 231 0797959

<http://www.palaplast.gr> e-mail: info@palaplast.gr

Βιομηχανία σωλήνων & εξαρτημάτων

ΒΙ.ΠΕ. Θεσσαλονίκης Τ.Θ. 45
Τ.Κ. 570 22 Σίνδος

Τηλ: +30 231 0712500 Fax: +30 231 0797000

<http://www.palaplast.gr> e-mail: info@palaplast.gr