

Recommended number of diffusers per pump

Air Pump Size	12" AIR STICK** 0.5 cfm - 2.0 cfm	12" AIR TUBE 1.0 cfm - 4.0 cfm	24" AIR TUBE 2.0 cfm - 8.0 cfm	9" AIR DISC 1.0 cfm - 4.0 cfm	2 x 9" AIR DISC 1.0 cfm -8.0 cfm	12" AIR DISC 1.0 cfm -7.0 cfm
Max Output lpm / cfm						
HAKKO 25L 32 lpm / 1.2 cfm	1 - 2	1	n/a	1	n/a	n/a
HAKKO 40L 70 lpm / 2.7 cfm	n/a	1 - 2	1	1	n/a	n/a
HAKKO 60L 82 lpm / 3.0 cfm	n/a	1 - 2	1	1	n/a	n/a
HAKKO 80L 100 lpm / 3.7 cfm	n/a	2	1	1	1	1
HAKKO 100L 120 lpm / 4.3 cfm	n/a	2	1	2	1	1
HAKKO 120L 139 lpm / 4.8 cfm	n/a	2	1	2	1	1

***12" Air Stick includes a 1/2"mpt x1/2" barb
All other diffusers require a 3/4"fpt barb fitting*

Air Pump Size	Recommended air hose size per pump	Hose barb for sinking air hose
HAKKO 25L 32 lpm / 1.2 cfm (5/8" Outlet)	1/2" or larger / pipe length 50 ft or less	3/4" fpt x 5/8" barb
HAKKO 40L 70 lpm / 2.7 cfm (5/8" Outlet)	5/8" or larger / pipe length 50 ft or less	3/4" fpt x 5/8" barb
HAKKO 60L 82 lpm / 3.0 cfm (5/8" Outlet)	5/8" or larger / pipe length 50 ft or less	3/4" fpt x 5/8" barb
HAKKO 80L 100 lpm / 3.7 cfm (5/8" Outlet)	5/8" or larger / pipe length 50 ft or less	3/4" fpt x 5/8" barb
HAKKO 100L 120 lpm / 4.3 cfm (5/8" Outlet)	1" or larger / pipe length 50 ft or less	3/4" fpt x 1" barb
HAKKO 120L 139 lpm / 4.8 cfm (1" Outlet)	1" or larger / pipe length 50 ft or less	3/4" fpt x 1" barb